

HYMENOPTERA
ACULEATA,
ANI
PARASITICA
&c. &c.

1921.

Hymenoptera Aculeata
collected by A.W. Stelfox
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 (-*senica*) ♂♂ & ♀♀ } Sand Hill, at
" *albicans* ♀ } Malakindi, Co. Galway
" *nigroaenea* ♂♂ & ♀♀ } a.s.s. 1/5/21.
Nomada goodeniana ♂ } all verified by
Pitthyrus distinctus ♀ } R.C.L.P.

Halictus rubicundus ♀♀. }
Andrena trimurana (*jacobi* Perkins) ♂ } One edge of footpath
" *wilkella* ♂ } along sea opposite
Grand Hotel,
- Malakindi,
Co. Galway.
a.s.s. 1/5/21.
all verified by R.C.L.P.

Salix fusca 2 ♂♂.
Halictus rubicundus ♀♀ }
" *nitidiusculus* ♀♀ }
" *leucopus* ♀. }
Sphex similis ♀ }
Andrena albicans ♂♂ & ♀♀ }
" *wilkella* ♂. }
" *jacobi* ♂♂ & ♀♀ }
Some of the ♀♀ "var. *scotica* Perkins."
" *gwynana* 2 ♀♀. }
" *nigroaenea* ♂. }
" *subopaca* ♂♂ & ♀♀. }
✓

Railway cutting
immediately S. of
Malakindi Station
Co. Galway.
a.s.s. 1/5/21.
all verified by
R.C.L.P.

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* ♂
Pitthypus 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 ♂♂♀
 " *capidarius* ♀
 A.W.S. 5 & 8/5/21.
 ✓ R.C.L.P.
Alloda contracta 1 ♀ fully winged
 on 5/5/21.

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.

Odynerus pictus ♂♂

Halictus rubicundus ♀♀

" *smectmella* 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 East-Loxley, 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.

✓

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 ♂♂. Sandhills, 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.

✓

Sphex similis ♀
 " *affinis* 2♀♀
Halictus calceatus (= *cylindricus*) ♀
 " *rubicunda* ♀♀
 " *nitidiusculus* ♀♀
 " *tumulosum* ♀♀
Andrena fucata ♂♂
 " *nigroaenea* ♂
 " *wilkella* ♂
Nomada marshamella ♂
 " *goodeniana* ♀♀
 " *rupeicornis* ♀
 " *flavoguttata* ♂♂♀

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

✓ R.C.L.P.

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

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

Compilum gibbum ♀
Pemphredon lethifer ♂
Tachytes pectinipes ♂
Osmya 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 *Compilum gibbum* from
 those of *unipunctatus* ~~unipunctatus~~
 without presence of ♂♂

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

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.

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

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

Compilum niger

Devil's Glen, Co. Wicklow.

A.W.S. (with G.E.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.S.S.'s garden. Back-garden
unless otherwise stated!)
June 1921. ✓ R.C.L.O.?

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.S.S.
Afternoon! 5/6/21.

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

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

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

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

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

Cliffs & coast, and
hedge-banks near
the Silver Strand,
S. of Wicklow
Co. Wicklow.
A.S.S. Forenoon, 7/6/21.

✓ R.C.L.O.

Continued on next page →

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

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

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

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

Nomada marshamella ♀♀
 " *bifida* 6 ♀♀ } all at Sage and
 " *rupestris* 3 ♂♂ } Thyme flowers in
 garden!
~~*Psithyrus*~~ *Psithyrus tartatellus* ♀
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* ♀
Andrena fucata ♂ + ♀
 " *sericea* ♀
 " *subopaca* ♀♀
Nomada bifida ♀
 " *rupestris* ♂ + ♀
 " *flavoguttata* ♀
Vespa austriaca ♀

Lower Glenasmole (near
 Mr. Hely's) Co. Dubl.
 Soot-ut. 10/6/21. A.S.S.
 ✓ R.C.L.P.

Vespa norvegica ♀
Psithyrus rupestris ♀
 " *tartatellus* ♀
 " *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 Esler 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.

Agonia variegata ♀ Taken late in the afternoon swimming on one of the great fallen blocks of conglomerate in Lower Glenasmole (just above Mr. Kelly's) Co. Dublin. A.D.S. 13/7/21. ✓ R.C.L.O.
 [Erroneously recorded by me as new to Ireland in I. Nat. : Rev. W. J. Johnson had previously recorded it from Co. Fingal in I. Nat. A.W.S.]

Crabro claripes ♂♂ ♀ on large leaf!
Halictus rubicundus ♂♂
 " *pygmaeus* ♂♂
 Taken on same date on opposite side of river to Mr. Kelly's (see the last). ✓ R.C.L.O.

Odynerus pictus ♀♀
 " *parietinus* ♀
Megachile willughbiella ♂
 Garden at "Lisnammal" (R. L. Praeger) Rathgar, Co. Dublin. A.D.S. 12/6/21. ✓ R.C.L.O.
 [Linnæus also ♂ taken at Lisnammal]

Pemphredon luteus ♂
Crabro varius ♂
Odynerus pictus ♀
 " *parietinus* ♂ + ♀
Halictus leucopus ♀
 " *tumulosus* ♀
Andrena nigroaenea ♀
 " *griseana* ♀
 Garden at "Lisnammal" (as above) A.D.S. 26/6/21. ✓ R.C.L.O.
 Last *Andrena* seen in 1921!
 cont.

Megachile willughbiella ♂♂
 " 2 large ♀♀
 [presumably var. of *willughbiella* but *scopa* as in *ligniseca*! A.W.S.]
 " *centuncularis* ♂ + ♀
Bombus muscorum ♂
 Garden at "Lisnammal" cont. 26/6/21. ✓ R.C.L.O.

willughbiella
 v. *hibernica* Perkins!!

Megachile willughbiella ♂ + ♀
 " " ♂. ♀ One large ♀ of same var. as at Lisnammal!
 = var. *hibernica* Perkins!
 Garden at Maffield, Rathgar (a. typic.) Co. Dublin. A.D.S. 24 to 28/6/21. ✓ R.C.L.O.

Vespa sylvestris ♀ } Carl Schiff.
 " *norvegica* ♀ } 7/7/21.
Halictus rufiventris ♀ } near Harbour
 " *punctatissima* ♂ } 27/7/21.
 Howth, Co. Dublin. A.D.S. July 1921. ✓ R.C.L.O.

Vespa norvegica ♀♀
 " *rufa* ♀
Bombus lucorum ♂ + ♀♀
 " [terrestris ♀ seen but not captured]
 " *jovellus* ♀♀
 " *muscorum* ♀♀
 " *agrorum* ♀♀
 " *distinguedus* ♂
 Taken in Lambay Island, Co. Dublin. A wettest, dull day! A.D.S. 27/7/21. ✓ R.C.L.O.

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

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

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

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

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

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

Greenhills, Co. Dublin. A.D.S. late July 1921 ? 30.7.21.
(nearly all in flowers of *Scabium arvensis*!)

✓ P.C.L.P.

Sphexodes affinis ♀
Halictus rubicundus ♂♂ & ♀♀
" *nitiduscalus* ♂♂
" *villorulus* ♂
" *derhamellus* ♀
Bombus derhamellus ♂
Mellinus arvensis ♀
✓

Coast between Bray Hd. & Greystown Co. Wicklow. A.D.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. Murrugh, 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 Funderstown Ho., Co. Wicklow. ♀ with prey. 11/6/22. "
- ✓ Coast at Shankill, Co. Dublin. ♂ & ♀ 29/5/22. "
- 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.A.N.S. & R.C.L.P.
- Ceropalus maculatus. ✓ Murrugh, Co. Wicklow. 28/5/22. ✓ R.C.L.P.
- ✓ Kilcoole, " 9/9/22. "
- Tachysphex pectinipes ♀♀. ✓ Portmarnock, Co. Dublin. 20/8/22. "
- Amnophila laticornis ♂ & ♀♀. Murrugh, 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 myrtaeus ♀ Sent me by R.A. Phillips, from "near Maryborough, Queen 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. weismaeli ♂♂ & ♀♀ " " " "
- 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 (below) 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 ♂ Murrrough (near Broad L.) Co. Wicklow. 28/5/22.

with V.R.C.L.P. ♂♂ Carnrose Point, 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.

" *norvegica*, Cos. Dublin & Down.

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

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

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

Prosopeis 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.

" *subquadratus* ♀ Rocky Valley, Co. Wicklow. 30/5/22.

" *affinis* ♀ Murrrough, 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.

♂♂ & ♀♀ Kilcock, 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. 14/6/22. 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.

Kilcock, 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.
- ♀♀. Carnrose 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. tumulorum* ♀♀ 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* ♂♂ & ♀♀. Greystones, 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.
- ♂ Greystones, Co. Wicklow. 27/8/22.
- Andrena albicans* ♂. Old Barn, 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 Barn, Co. Dublin. 7/5/22.
- ✓♂♂ & ♀♀. Coast at Shankill, " 29/5/22.

- Andrena gwynana*: 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.
- ♂ Kellakee (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. dandel, Co. Wicklow. 20/9/22. (on Ragwort).

1922.

Andrena minutula 2= brood. ♀ Powerscourt, overflor- channel, 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. bifida. ♂♂ Bohernabreena, Co. Dublin. 8/5/22. "
 (cont. below) ♀♀ " " 13/5/22. "

N. foveoliana ✓ ♂♂+♀♀ 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 bifida (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 & 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. "]

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

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

P. barbipennis ♂. Linamoe, 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 crocus 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?) below Knockranny, Rocky Valley, Co. Wicklow. 30/5/22.

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

N. One bull in rabbit heap in garden at Mayfield, Rathgar, Co. Dublin.

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

N.

N.

1922.

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

Pimpla brevicornis, very large ♀. Bolone breva, DU. 15.5.1922. A.W.S. File 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!

Vespa germanica ♀
Garden at Mayfield Rathgar gathering pulp on tree 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.
Bombus lucorum ♀♀
" *terrestris* ♀♀
" *jonellus* ♀♀
" *distinctus* ♀
" *derhamellus* ♀
(in coombe opp Bohernabreena House & by the river!) 1/4/23.

SAND MARTINS!

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

At midday, near entrance to Glenasmole, Co. Dublin. (near Mrs. Healy's!) mostly taken round willows along river! 2/4/23.

WILLOW WRENS!
BAI (small) flying in bright sun at 1.15 p.m. over river!

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

In afternoon along edge of moraine by the Dodder, upper Glenasmole, Co. DU. 2/4/23.
In the same place on 24/4/23 on willows I saw a number of faded *Andrena clarkella* ♀♀ I captured a ♀ *Schneemann* on ♂ willow blossom evidently just out of hibernation.

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

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 ♀♀ ^{on willow}
Nomada leucophtala ♀

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

Andrena albicans ♂♂

Roadside, "Bodde Road"

" *nigroaenea* ♂♂

Kimmage, Co. Du.

All on *Taraxacum*!

22/4/23.

Halictus fuscicornis ♀

Road above
Mrs. Hely's.

Andrena clarkei ♀

Opp. Mrs. Hely's.

Bombus terrestris ♀♀

all on willow

" *lucorum* ♀♀

opposite
Mrs. Hely's
= Mrs. Doyle's

" *jonella* ♀♀ + ♀♀

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

Bombus lucorum ♀♀ on *Taraxacum*

Babrothery, Tallagh, Co. Du.

" *muscorum* ♀

22/4/23.

Andrena nigroaenea ♂

road side
near Lusk

" *albicans* ♂

on *Taraxacum*

" *sericea* ♂♂ on *Taraxacum*

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

on S. sandhills at Rush.

Also

Bombus lapidarius ♀

B. lucorum ♀♀

Beekeepers heard
at 7.0 AM
on 28/4/23
swarms new
at 7.30 PM
on 29/4/23.

Salix fusca ♂

Halictus calceatus ♀♀

" *nitidiusculus* ♀

" *rubicundus* ♀♀

Andrena albicans ♂♂ ♀♀

" *nigroaenea* ♂♂ ♀♀

" *jacobi* ♂♂ ♀♀

" *subopaca* ♂♂ ♀♀

" *capponica* ♂♂ abundant

on *Taraxacum*.
♀♀ "sunning" themselves.

Nomada bifida ♂

" *goodeniana* ♂.

" *marshiana* ♂.

Bombus hortorum

" *lucorum*

" *lapidarius*

" *terrestris*

" *agrorum*

" *muscorum*

Sandy ford
granite,
S. of Dunderum,
Co. Dublin.
A.D.S.
6/5/23.

All full
swarms
✓ R.C.L.P.

[Larvae of *Andrena* found 11.4.23 at ...
... on 30.4.23]

Halictus albipes ♀♀? Enniskerry, Co. WI.
Nomada marshamella ♀♀ on *Bellis!* a.u.s. 13/5/23.

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

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

Halictus albipes ♀ Roadside at Castle Saggitt
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 ♀♀ stylized
Nomada poddeniana ♂ & ♀
" *marshamella* ♀
" *tijida* ♂ & ♀♀

Halictus rubicundus ♀♀
" *calceata* ♀♀
" *pygmaea* ♀♀ (3)
one on *Rosa Islandica*,
one on Daisy (*Bellis*) and
one on *Taraxacum*
" *leucopus* ♀♀

Andrena lapponica 1 ♀
also Holly Blue butterfly.

Halictus lateralis 3 ♀♀
" *pygmaea* ♀
" *calceata* ♀

Andrena subopaca ♀♀
" *wilkella* ♂♂ & ♀♀
" *jacoti* ♂♂.
" *albicans* ♂♂ & ♀♀
" *fulvata* ♂♂ & ♀
" *nigroaenea* ♀. ✓

Nomada ruficornis ♂♂.
" *flavopunctata* ♂.
Sawfly *Tenthredella temula* Scop. ♀
on flower of *Crataegus*.

"Holly Blue" butterfly, (2)

Kees Park, Government,
along "our flow channel"
leading to Varley plateau.
Co Wicklow. 21/5/23.

One, one think of me:
afternoon!
all v. R.C.L.P.

The Dingle (mostly along
Southern end of
the channel & in
field between that
& farm), Co. Gallic
28/5/23.

all v. R.C.L.P.

Morning, sunny but
strong wind!

Halictus rubicundus ♀♀

" *freycasseri* ♀

" *tumulatorum* ♀♀ (abundant)

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

" *willkella* ♂♂ & ♀

Nomada maculicollis ♂
with spots on 1st segment. ✓

Andrena lapponica ♂♂ & ♀

" *fulvata* ♂♂ & ♀ ✓

" *nigrovirens* ♂ (faded).

Roadside between
Cast & Meltorman,
Co. Dublin

28/5/23.

H.A. sun: aft.

Sandyford quarries,
Co. Dublin. 28/5/23

Co. Dublin. 28/5/23

Late aft: sun & windy.

B. Stayed at Rush for month of June.

Sampilar, albica ♂

Tachytes pectinipes ♀

Chrysis ignita

Halictus rubicundus ♀♀

" *calceatus* ♀

" *nitidiusculus* ♀♀

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

Andrena albicans ♂♂ & ♀♀

" *jacoti* ♀♀

" *nigrovirens* ♂♂ & ♀♀. ✓

" *fulvata* ♂♂ & ♀♀.

" *sericea* ♂♂ & ♀♀.

" *saundersella* ♂ & 2 ♀♀
one pair on Daisy: other ♀ on Alexander.

Bombus agrorum ♀♀

" *muscorum* ♀♀

" *lucorum* ♀♀ & ♂♂

" *terrestris* ♀♀

" *hortorum* ♀♀ on Anthyllus.

" *lapidarius* ♀♀.

Psithyrus rufus ♀

On sand dunes,
sandy cliffs,
N. of Larkspur,
and on cliffs
in lane at
N. end of dunes,
at Rush,
Co. Dublin.

2/6/23.

Morning!

A most perfect
bee day!

But owing to
previous bad
& cold weather
insects were
taken unaware
& hardly
any were
about.

Pompilus fittus ♀ (2)
Sphex affinis 2♀♀ (1)
Halictus rubicundus ♀♀ (1)
 " *calceatus* ♀ (1)
 " *nitidiusculus* ♀♀ (1)
Andrena sericea ♂♂+♀♀ (2)
Pithecus rufestris ♀ (2)

South cliffs, sand dunes,
 along South Strand, (2)
 Rush, Co. Dublin.
 2/6/23.
 Afternoon: sunny
 & warm, becoming dull.

Chrysis ignita ♂♂?
Odynerus pictus ♂♂+♀
Sphex affinis ♀
Halictus rubicundus ♀♀
 " *nitidiusculus* ♀♀
 " *tipae*
Andrena albicans ♀♀
 " *jacobi* ♀♀
 " *fucata* ♀♀ on cliff ♂♂
 " *very* *lucy* ♀
 " *nigrocana* ♂♂+♀♀
 " *sericea* ♂♂+♀♀ on

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

Pithecus distinctus ♀
Bombus (as before).
Allantus arcuatus
Ichneumon 3 sp.
Barichneumon canescens.

Pompilus fittus ♂♂+♀♀
 numerous on bare exposed,
 S. facing, banks: nothing
 else seen but *Bombus*
lapidarius, *lucorum*,
agrorum & *muscorum*.

Landfill, at S. Strand
 Rush, Co. Dublin. 14/6/23.
 Aft., some sunny patches but
 cold winds.
 [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*, *Ichneumonidae* on *Brassica*
 flowers at Tennis ground & c.

Afternoon. Roperstown and dunes at
 W. end of S. Strand, Rush. Cold & windy and
 no sun. A lot of *Bombus* on Lotus in
 dunes. 3 samples on tent along outer
 edge of dunes

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

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

Pompilus pilleus 4 ♀♀
in grassy field at foot
of lane to S. Strand.

Halictus rubicundus ♀♀ c.
" *nitidiusculus* ♀♀ c.
" *tumulosus* ♀ worn.

Andrena nigroaenea ♀
" *saundersella* ♂

Nomada flavopunctata ♀ in
same place as last!

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

Beetle on rocks at high tide

Wingless Chalcid on stone over
ants nest.

One ant seen *Myrmica caesioides*
so far *M. scabrinodis*

8/6/23 nil

Andrena saundersella ♀
" *nigroaenea* ♀♀
" *wilkella* ♀

Sphex affinis ♀

Many *Ichneumonidae* ♂
on *Alexanders* ♂ near
S. north of Harbour.

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

Sept. 7/6/23.
Fair sun!

Halictus calceolus ♀
Andrena albicans ♀
A. fucata ♂♂ & ♀
A. jacobae ♀♀ (✓ Dublin).
A. saundersella 2 ♂♂ ✓
A. subopaca ♀.
Nomada marshamella ♂♂ & ♀♀.
N. ruficornis 2 ♂♂.

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

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

Halictus rubicundus ♀♀.
" *nitidiusculus* ♀
" *tumulosus* - ♀♀.
Andrena fucata ♂♂ & ♀♀.
A. saundersella ♀
A. wilkella ♂ ✓
Nomada hillana ♀.

Bank, west side of Rush
station, Co. Dublin.
Morning, 10/6/23.
V. hot sun, v. windy.

East cliffs & coast
just N. of Harbour,
Rush. Co. Dublin.

Morning: dull,
windy, very hot.
9.6.23

Sphex affinis (A.W.S. 1/2/23)
Ichneumonidae (A.W.S. 1/2/23)
Dumetia sp. = *ballenti* miki A.W.S. Oct 1960, when
this was unable to say into what group it should
be placed! A.W.S.

Halictus & *Andrena* on *Tejuga*
Pompilus pilleus ♂
Odynerus pictus ♂♂
Small fly: small black-sp.
Chrysogaster.
Sphex affinis ♀.

Cliff, N. end of N. Strand,
Rush, Co. Dublin.
Friday & aft., 14/6/23.
Sunny intervals, v. windy.

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

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

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

Sand pit at N.
 side of river,
 Ford of Linc,
 (West of Maul)
 Co. Meath.
 midday 11/6/23.
 Hot sun.

✓

Pimpla jellisoni ♀
Cratichneumon palustris ♂ ad.
Comia auriculata ♀
Bombus derhamellus ♀
 on *Anthyllus*!

Sandhills S. Strand
 Park, Co. Dubl.
 Sept. 11/6/23.
 Very 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 Parsnip
 flower at 4.30 p.m. (along Skerries Rd., Dubl.).

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

N. Shore of
 Rogerstown Creek,
 W. of Park, Co. Dubl.
 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
~~*Proctos*~~ ♂ on beach 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 *subtratus* in R.C.L.P.
 sandhills. all R.C.L.P.

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

Sandhills 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 gilvus ♀
Lalium fusca ♀
Odynerus pictus ♀
Sphecodes affinis 2 ♀♀
 one larger than other.
Halictus ruficaudus ♀♀.
 " *nitidiusculus* ♀♀.
 " *villosalis* ♀♀
 " *calceolus* ♀♀. ✓
Andrena albicans ♀♀
 " *nigroaenea* ♂♂ & ♀♀
 " *fucata* ♂
 " *wilkella* ♂♂ & ♀♀.
Nomada (*bipida*? ♀ seen.)
 " *marshamella* ♀♀
 " *hillana* ♀

Tenthredinidae
Athalia lineolata f. R.C.L.P.

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

" *tumulorum* ♀ (strongly banded).

Jehneumonidae.

Bombus pectoratorius ♂
Bombus pectoratorius 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, mile S. of
Long Point,
C. Subli.

Morning: 17/6/23.

some sun,
cold east winds.

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

Aft. 17/6/23.

A little sun,
westerly winds.

Scymnus (yellow) ♀ seen between ① + ②.

Tachytes pectinipes ♂♂ + ♀♀ at ②.

Emprederus (ethipes) ♂♀ field, above
sea at Head.

Odynerus pictus ♂♂ above Ben Hd.

Sphex *manilicornis* ♀ at - } between
tunnels of *Halictus rubicundus*. } ① + ②.

Sph. (affinis) ♀ (missing) at tunnel.

of *Halictus nitidiusculus* at ①.

Halictus rubicundus ♀♀ abundant at ①.

" *nitidiusculus* ♀♀ everywhere.

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

" *cylindricus* ♀♀ seen with last.

Andrena albicans ♀ seen at ②.

" *nigroaenea* ♂♂ + ♀♀ second ①. ✓

" *jacobi* ♀ at ②.

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

" *fuscata* ♂ at ②.

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

Homada marshanella ♀♀ seen.

" *goodeniana* ♀♀ seen.

Bombus terrestris ♀♀ seen.

Chrysis ignita

Tenthredinidae

Jehneumonidae.

beard at Pemanston^①
and on to Ben Hd.^②
Co. Meath.

18/6/23.

Extremely hot +
humid after
night's rain
but few spots
taken all round.
Sun soon leaves
this part of the
coast which
face north of
East, a little.
Night very better
in July, see
a hot day in
early morning.

Pompilus gibbus ♂ & ♀
Odynerus trimarginatus ♂
Sphex affinis ♀♀ at burrows
 of *H. nitidiusculus*.
 " sp. ? (as large as *S. moridicornis*).
Halictus rubicundus ♀♀.
 " *nitidiusculus* ♀♀.
 " *villosulus* ♀
Andrena nigroaenea ♀♀ seen.
 " *guzmana* ♀

Family: *Bombus*

Tachytes pectinipes ♂♂ & ♀♀.
Odynerus pictus ♂♂ & ♀♀
Halictus sp. as before
Andrena albicans on both
Rexia lutea & *lutesola*.
Ichneumonidae
Pezomachus

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

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

Lasius niger ♀♀ in great abundance at 1 & 2.
Pompilus gibbus ♂♂ & ♀♀ 1 & 2 abundant.
 " *plumbeus* ♂♂ & ♀♀ at one spot at 1.
 " *rufipes* ♀ a fine specimen at 2.
Ceropalus maculatus ♂♂ & ♀♀ at 1 & 2.
Tachytes pectinipes ♂♂ & ♀♀ at 1 & 2.
Pemphredon lethifer ♂ at 2.
Crabro verrucosus ♂ 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.
Halictus rubicundus ♀♀ at 2.
 " *nitidiusculus* ♀♀ at 2.
 " *villosulus* ♀ at 2.
Andrena sericea ♂♂ & ♀♀ at 2, ♀♀ at 1.
Ichneumonidae
Ichneumon

Substrate:
 (1) Sandhills at
 N end of the
 Island; and
 (2) cliff 100 ft N.
 south of the
 Martello tower
 S. of Portlaoine
 Co. Dub.
 20/6/23: all day.

Hot fair day
 sunny, cold
 wind in
 morning!

Halictus sp. at 1.
Pompilus sp. at 1.

Pompilus gilvus ♀.
Halictus villosus ♀♀.
Nothing else seen but
2 ♀♀ *Verpa germanica* ✓

N. Shore of Rogerstown Creek,
Rush, Co. Dubl.
Aft. 21/6/23. Very windy
but hot sun.
[morning: sunless: nil.]

Sphexodes divinus one very
large ♀ one burrow 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 Col Parrisp.
" " ♀ on Sandalium.
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, large ♀
Halictus rubicundus ♀♀.
" *prepsessor* ♀ seen
smooth, simulating *fulviventris*?
" *lunaticus* ♀.
" *nitidiusculus* ♀♀. ✓
Andrena albicans ♀

Banks N. of railway
at N. shore of Rogerstown
Creek, N. of Rush,
Co. Dubl.
22/6/23. Late aft.
Sunny but too late
= day.

Pompilus gilvus ♀
Odynerus pectus seen.
" *trimaginatus* ♂♂ & ♀♀
Sphexodes affinis ♀♀ Several
places where *H. smethwayi* was
taken, but *H. nitidiusculus* there too!
Halictus rubicundus ♀♀.
" *nitidiusculus* ♀♀ ✓
" *smethwayi* ♀♀
Andrena albicans ♀♀ seen.
" *nigrocaenea* ♀♀ seen.

East Cliffs (South
of Harbour) Rush,
Co. Dublin.
morning: v. hot, sunny,
strong W. winds.
23/6/23.

Nomada marshamella ♀♀
" *foodeniana*
" *ruficornis*
very large ♀ coloured like
H. bipida. ✓
Nothing else seen not already
logged.

From Rush north to 1 mile
beyond Longshenny,
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 detellata several ♂♂ on *Umbelifer*.

Pemphredon luyubris ♂♂ on oak and laurel s:
" *shuckardi* ♂♂ on laurel s:

Garden (and near there)
Kenure Park, Rush,
Co. Dublin.

Crabro dimidiata ♂♂ on oak s:
" *chrysotomus* ♂ "coursing" along the herbaceous border.

Odynerus pictus ♂ + ♀
" *sinuatus* 2 ♂♂ + 2 ♀♀ on leaves of various plants (strawberries) & shrubs.

Misty rain in morning:
hot sun all afternoon.
26/6/23

Vespa vulgaris ♀
Halictus calceatus ♀♀
" *smeathmanellus* ♀ burrowing in rock garden.

Cont. ↑

Andrena alliana ♀♀ on *Spirea*, *Rosae* & *Portugal Laurel* s:
" *jacata* ♂♂ + ♀♀ on *Portugal Laurel*.
" *jacoti* ♀♀ seen on *Portugal Laurel*.
Psithyrus bartolletti ♀
Bombus lucorum ♀♀ 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
(also at Kenure Harbour) ✓
Andrena sericea ♀♀ at 1 on sandy patch.

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

Tenthredinidae
Callantus arcuatus ♂♂ + ♀♀ abundant at 2.
Ichneumonidae
Ichneumon - 3 ♀♀ on *Umbelifer*, seen at 2.

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

Pimpla instigator ♀ at 2.
" ♀♀ at 2.
Cynipidae on *Brassica* at 1.
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~~

limestone 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.

C. Duttin.

Aft. 27/6/23

Hot but no sun

till aft. 5 o'clock.

Garden etc at

Kenure Park,

Rush,

C. Duttin

morning + aft.

28/6/23

Full, hot,

but - no sun

till 6-30 p.m.

Glyptotendipes

maculatus ♂

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 ♀

Andrena subopaca 2♀♀

Pemphredon shuckardi

Garden at Kenure Park

Rush. C. Duttin.

Morning: 29/6/23.

Full.

END OF MONTH AT RUSH.

Pompilus niger ♂
 " *gibbus* ♂ & ♀
Crabro cetratus ♀
Pemphredon : : : : :
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.
 " *lapponia* 1 ♀ on south road
 at Ballyragh with the
 pollinia of an Orchid ad-
 hering to its clypeus!
Nomada flavoputilla.
Bombus jonellus ♂♂ & ♀♀ common.
 " *lucorum* ♀♀
 " *agrorum* ♀♀ & ♀♀.
Psithyrus quadricolor 1 ♂
 flying over heather on old
 south road below L. Bray.

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

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

Phaenobronia Co. Dublin
 i.e. first of Glencree.
 seen. 1st July
 i.e. near 11th Dyke.
 7/7/23.

Pompilus gibbus ♂ & ♀♀ seen.
Ceryle maculatus ♂ seen.
Tachytes peculiaripes ♂♂ & ♀♀ seen.
Crabro usmaeli.
Colletes picinervis ♂♂ & ♀♀
 abundant on sandy ground
 close to Southern Harlequin tower.
Halictus villosulus ♀ along cliffs
 at Arglum.
Andrena sericea ♀♀

Petrus, coast
 east & south of
 the Arglum,
 Co. Dublin.
 8/7/23.

Halictus leucopus ♀
Andrena subopaca ♀
Nomada flavopectata ♀

Bohernabreen (as before)
Co. Dublin.
11/7/23.

Agonia variegata ♀ on stone heap
in sand-pit near
Mr. Kelly's

Bohernabreen (near
Mr. Kelly's before)
& Gleassmole (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
lamb & primrose leaves
with last.

late in aft.
hot, with
sun bursts.

Pompilus fittus ♀♀ & ♂♂
" *plumbeus* ♀♀

Portrane, dunes,
& coast south
of Arslun.
Co. Dublin.

Ceropales maculatus ♂♂ & ♀♀
Tachytes pectinipes ♂♂ & ♀♀.

22/7/23.

Crabro wernaei ♂
Odynerus pictus ♀

Colletes picistigma ♂♂ & ♀♀
Ichneumonidae
Braconidae.

✓

Pemphredon celtica ♀

Colletes picistigma

3♂♂ on *Matricaria inodora*
on top of cliff.
1♀ seen on *Syring* at foot.

Sphex affinis 1♂

Halictus rubicundus

♂♂ numerous, fresh.
1♀ seen very worn.

" *tumulosus* 2♂♂ fresh.

" *leucopus* ♂
1♀ worn.

" *punctatissimus* 3♂♂
on *Samolus valerandi*.

" *villosum* 1♀ worn.

Andrena guyana 2 = brood.
3♂♂ 1♀.

Bombus lapidarius ♂♂

" *lucorum* ♂♂

" *terrestris* ♂♂

" *agrorum* ♂♂

" *muscorum* ♂♂

" *hortorum* ♂♂

Psithyrus distinctus ♀
fresh.

South cliff, of
Lough, Co. Dublin.

Bombus mostly on
granite blossoms,
near Bellingham's
Hartree: rest
at or at foot
of cliffs near
Earls cliffs.
28/7/23.

Windy but hot
& sunny.

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.

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

Glenree, Co. Wicklow.
 29/7/23.

- (1) Copse Wood in middle of Glenree.
 - (2) Kilmalin (roadside) above Enniskey on road to Glenree.
- Very little sun except at Kilmalin in morning!

In quarry at 900 ft. west side of
 Glensmole
 Co. Dublin.
 4/8/23.
 Aft. windy: little sun.

Passalocera muniticornis 2 ♀♀
 on poplar, Laurel & below upper dam (near Brady's) Glensmole, Co. Dublin.
 4/8/23.
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 lugebrus ♀
Mellinus arvensis ♂ on holly-tree leaves.
Crabro leucostoma 2 ♀♀.
Lissonota buccator 2 ♀♀ Roman Nos. 103 & 104. No. 13 smashed on return journey!
 NB. At this quarry on July 1923. E. O'Mahony got 4 ♂♂ *Crabro* *l. maculatus* & 1 *Andrena subopaca*.

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
Passalocera seen on
peat hedge.

Ichneumonidae
2 sp. ~~Ichneumonidae~~
1 sp. ~~Ichneumonidae~~

Roadside close to railway
bridge, W. of Pytteland,
4 miles S. of Colbridge.

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

Salix exaltata 2 ♂♂
Mellinus arvensis ♂ & ♀
Halictus rubicundus ♀♀
" *tumulosus* ♀

On slopes of peat-math
& in surrounding gravel pit
Rathmore, (3 miles N.W. of
Blessington) Co. Wicklow.
early aft. still windy 5/8/23.
but a little sun.

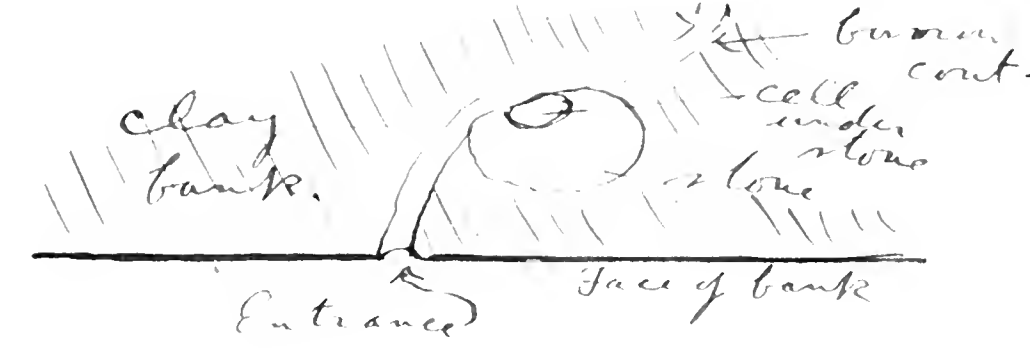
Mellinus arvensis ♂ on hedge.
Andrena coitana 2 ♀♀
" *saundersella* ♀♀
" *subopaca* ♀♀ all three
Andrena on Cow Parsnip.

Road side at Kilmatin,
above Enniskerry on
way to Glenree,
Co. Wicklow.
6/8/23.

Ichneumonidae.
2 red. Cryptine
1 yellow. Ichneumonidae
? red. Ichneumonidae

Morning: dull: windy.

Salix exaltata ♀
dry out of burrow
with cocoon



sliver leaves (opposite
~~leaves~~ & above Ballycoyle)
below Copse wood,
Glenree,
Co. Wicklow.

6/8/23.
Dull, warm, & commencing
to rain.

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

[Took clump of *Melamin
paludosa* in midst of
Hypericum elodes swamps
about 1/4 mile below Copse Wood
& 50 yards E. of river: near Birch clump.

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

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 Bardock 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 Causeway & ^{white down bellifer} ~~Collisport Causeway~~

flowers at 2.

Halictus calceatus ♂ at 1.

" *nitidiusculus* ♂♂ at 1 & 2.

Glenasmole

Co. Dublin.

18/8/23.

(1) *Psithyrus campestris*

near Mr. Heley's

(2) Below upper

dam, near

Brady's.

Rush district.

Co. Dublin. 19/8/23

1. N. shore of Rogerstown Est.

2. By west marsh, S. of Long Shing.

No. sun all day.

Sphex affinis ♂

Halictus rubicundus ♂♂

" *calceatus* ♂♂

Psithyrus campestris ♂

pale form v. *rossiellus* K.

" *rusticus* ♂.

on iscap, near Vallambrosa,

Bray, Co. Dublin.

27/8/23.

Morning: very windy; no sun.

♂♂ "asleep" on flowers of *Senecio*, *Origanum*, *Calamintha* etc.

Mellinus arvensis ♂

on Cow Parsnips.

Halictus nitidiusculus ♂

" *tumulosus* ♂

Psithyrus campestris ♂

pale v. *rossiellus* K.

Ichneumonidae

Alomya debillator ♀, red.

South of Bray Head (along old railway line)

Co. Wicklow.

Sept. 27/8/23.

Bull, very windy commencing to rain!

Braconidae

Chelonus

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

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

Halictus rubicunda ♂♂ + ♀♀.
" *punctatissimus* ♂♂ + ♀♀.
" *tumulorum* ♂♂ + ♀♀.
" *smecturae* ♂
or *Senecio aquaticus*

near Carrickmines
(w. of station by river
& up lane to golf links)
Co. Dublin. 2/19/23
Morning: Sunny.

Sphex affinis ♂♂ + ♀♀
Halictus rubicundus ♂♂ + ♀♀.
" *lativentris* ♂
" *calceatus* ♂♂ + ♀♀
" *albipes* ♂♂
" *freycassieri* ♂♂ + ♀♀
" *punctatissimus* ♂♂ + ♀♀
" *tumulorum* ♂♂ + ♀♀
Bombus derhamellus fresh ♀

Hill side above farm
east of south end
of The Dingle (mostly
in little quarry on
hillside or on plants
of *Senecio jacobaea*
amongst them).
Co. Dublin. 2/19/23.
Midday & aft.: windy
but a good deal of sun.

Halictus albipes ♂♂
" *freycassieri* ♂♂
" *nitidiusculus* ♂
Bombus muscorum ♂♂
" *joellii* ♀
Orthocentrus campestris ♂

Actually in The Dingle,
Co. Dublin.
Aft. 2/19/23. Sunny

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

Deerpark, Buncrana
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.

Paraboccus monilicornis ♀
Ichneumonidae
Ichneumon sp.

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 ♂♂ + ♀♀
Sphex hyalinatus 2 ♂♂
Colletes succinea ♂ + ♀
Halictus rubicundus ♂♂ + ♀♀
" *freycassieri* ♀
" *leucopus* ♂♂

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

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

- Sphex affinis* ♂
- Halictus rubicundus* ♂♂ ♀♀.
- " *calceolus* ♂♂.
- " *albipes* ♂♂.
- " *tumulosus* ♀♀.
- " *smethwayi* ♂
- " *leucopus* 2 ♂♂.

Jehneumonidae
Many specimens at Dublin

[*Lasius niger* det. ♀ taken by O'Keefe on cliffs at Killiney, Dec. on 29/7/23 (Joch. 2.)]

1923.

E. Cliffs, south of Harbour, Dub.
Co. Dublin.

16/9/23.

Very windy : sun & showers alternately.

Joch. R.C.T.P.

1923.

1924.

Myrmica ruginodis nest
with many larvae.

Formica fusca nest
containing pale green
aphids ✓

Brittas River valley below
Ballinascorney House,
Co. Dublin.

[Date] along 27/1/24.

Vespa sylvestris remains under cairn on Summit of Seecaron!

Salix first seen in bloom near Killinacraig, Greystone
on 9/3/24, but as it was afternoon + a strong cold
wind was blowing no bees were to be expected.

Lasius niger
" *flavus*
" *mixticornis*

Myrmica ruginodis ✓

Bombus lucorum ♀♀

" *terrestris* 1 ♀
summing itself.

Sand pits + ° near the Birr railway
2 1/4 miles W. of Roscrea, N. Tipper.

(close to Co. boundary!)

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

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*).

Andrena sericea ♂
dug out of burrow alive ✓
Myrmica scabrinodis ♀

Sand pit by avenue to
Mr. Pini's house at
Faucraft (near Roscrea)
Kings Co. 16/3/24.

Cocoon of *Jura* dug out of sand pit by
Birr Road at Drumakeenan, Kings Co. A.W.S. 17/3/24

Lasius ...

" *niger* ✓

Myrmica ruginodis ✓

keets more or less combined under stones ⁱⁿ
part of field where lapa is near Gloster,
(N. of Roscrea) by Birr road, Kings Co.
17/3/24 Under these stones I also took
Coccinella acicula, *Meloidae pygmaea*
& ~~Haplodactylus~~ *Haplodactylus menziesi*, 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 willows out at Roscrea, though plenty seen from train near Portlough 15.

Bombus lucorum ♀♀

" *jonellus* ♀ ✓

On ♂ willows by Killinacraig mill,
near Greystone, W.I. 22/3/24.
Late afternoon ^{dull} after fine morning: mild. Willows
now well out all way between Greystone + Eniskerry.

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

Bombus lucorum ♀♀

" *jonellus* ♀

all at willows

Numerous cocoons of
a former dug out
of sandy layer above
boulder clay

Boulder clay slips (opposite Bredy's)
at head of lower reservoir,
Glencasmole, Du. 29/3/24. Apr.
Very cold (snow hoar in morning)
hot sunny intervals in aft.
No *Andrena* seen at Willows.

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

Andrena albicans 4 ♂♂ seen on Dandelions in field opposite waterworks gate at Bokerabreons, DU.

Bombus terrestris ♀ searching at same place.

Andrena clarkella ♀ faded a little but not worn, entering burrows in sand at top of "coast" opposite Bradley'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 *Josson* dug out of sand at top of "coast", amongst which I found remains of 2 (? ♀♀) *Crabro* sp. (!? *ir-maculatus*): later: almost certainly *ir-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.

Glenacollen, 1 mile above Sunnyside, 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 Gerse, 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 rubicinctus ♀ Sunning itself on N. slip.
Andrena nigroaenea ♂ on Dandelion on N. side of glen.

A. minutula ♂ & ♀ both on Dandelions in "Brood."
A. clarkella ♂ sunning itself on stone on ditch up stream a little from ruined house & opposite side of stream (i.e. S. side)

Leptothorax acervorum ♂
~~Leptothorax acervorum~~ About 6 or 8 specimens of this ant taken on great fallen pine tree, which was riddled with holes: in this also took a specimen of the beetle *Sitodendron cylindricus*.

~~Leptothorax acervorum~~ ~~Leptothorax acervorum~~ ~~Leptothorax acervorum~~

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 glaberrima*.

B. agrorum 1 ♀ seen flying. 10th 1924.

Apis mellifica ♀♀ seen on a ♀ willow and
on *Napeta glaberrima*.

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
Glencasmole, 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: Glencasmole: continued

Andrena grynana 2 ♀♀. Beautifully fresh
specimens, running the river on slip opposite
Brady's & below upper dam.

Bombus lucorum, *B. terrestris*, a &
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 (fusca?) ? Seen.

Sphucodes divinus 2 ♀♀ (1 taken). Small.
on talus at S. end of quarry: no holes seen!

Halictus rubicundus 1 ♀

" *calceatus* ♀♀ common.

" *albipes* 1 ♀ taken.

" ~~*fulvipes*~~ *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
Drove *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 Rathnaun)
Co. WI.

(all labelled "Ballyhenry")

continued →

20/4/24: Ballyhenry Quarry: continued
Nomada leucopthalma 2 ♀♀. near
 where *Andrena* (? *apicula*) ♀ was seen.
M. fabriciana ♀♀ common but no
 specimen of any possible nest 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*
lysoeyani 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 firs & willows. Only a
 few females seen, at Dandelions
 & willow willows, NW. of Sallins.
A. jacoti 1 ♂ at willows, NW. of Sallins.
A. nigroaenea ♂♂ common at
 Dandelions & Willows (a few).

♀♀ common in ry. cutting.
Bombus lucorum & *terrestris*
 seen.

Athalia lineolata seen

Ichneumonidae

3 spp. taken in ry. cutting.

Sallins,
 Co. KD.

Sand pit, 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 ^{G.S.U.}
Bombus lucorum, *B. terrestris*, *B. muscorum* & *B. agrorum* ♀♀. All at willows.
 No other bees seen! ✓
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.
 " *germanica* ♀ seen on Dandelion.

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

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

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

Sunday, 4/5/24, midday & early aft.

HOT, with much sun, turning dull about 4 p.m.
Salix fusca ♂ very small; ♀ seen. } Glencree,
Halictus rubicundus ♀♀ at willows. } Co. Wicklow.
 " *pygmaea* 2 ♀♀.
Andrena jacobi ♀ at willows
 " *lapponea* ♂♂ searching; ♀♀ running ✓ R.C.L.B.
Vaccinium just out! ✓
 " *germanica* ♂ & ♀
 " *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 *tipida* or *leucophthalma*!)

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

Bombus terrestris, *lucorum*, *lapidarius*

agrorum & *muscorum* ♀♀ seen.

Bombus pratorum (f) *lucorum* & *jonellus*, at willow.

Verpa myristica ♀ seen at willow.

" *norvegica* 2 ♀♀. ✓

Schneumon suspiciosus? 2 ♀♀. near Copse Wood.

B. On this day all the *Salix caprea* 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*, *Galantus*, *Viola* ^{var. *tricolor*} *tricolor* & *Dandelion* but nothing seen on them except a few common things. One *Bombus agrorum* was seen at *Pedicularis hybridus*.

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 Glenagee. Co. Wicklow.

Halictus lativentris 1 ♀ on ground - field above ry.

" *freycassieri* 2 ♀♀.

" *punctatissimus* 5 ♀♀. 2 on flower of *Fragaria vesca*!

Some on *Dandelion*!

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

Andrena albicans ♂♂ & ♀♀.

" *jacobi* ♂

Schneumonidae. *branchus*.

Sunday: 11/5/24: midday & early afternoon: much sun
Glen-malar, from Drungoff to Baranore, Co. Wicklow.

Halictus freycassieri ♀ on willow at 2.

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

" *clarkella* ♀♀ on willow at 2.

" *praeceps* ♀♀ fairly fresh on willow at 2.

" *Lapponea* ♂♂ & ♀♀ common at 2 and on ^{at C.L.P.} *Lactuca*?

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

1 ♀ taken on gorse & another on *Viola Riviniana*!

No *Vaccinium* seen nearby in flower on this date.

Nomada sp. seen on willow at 1.

Bombus lucorum, *terrestris*, *jonellus* & *agrorum* seen at 2.

Centredinidae. *Dolerus aeneus*. ♂♂ "C.L.P.". Also ♀ kept by R.C.L.P.

Empis tridens ♂ var.? could be another sp. "R.C.L.P."
Taken along hedge, W. side of road from Lohel Drungoff to bridge!

Schneumonidae. *Pimpla*

On the 11/5/24 I discovered *Halictus* *freycassieri* at 2.

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

Sphacodes divinus 3 ♀♀. R.C.L.P.

Halictus rubicundus ♀♀

H. calceatus ♀♀

" *lativentris* 1 ♀

" *villosulus* 1 ♀

" *nitidiusculus* ♀♀

" *tumulosus* ♀♀

Andrena albicans ♂♂ + ♀♀

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

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

Schneumonidae. (*Schneumon sarcitorus* ♀ on Alexander
" " ♀♀ on Alexander.)

Psaroniidae

Micromesochorus

Saturday: 17/5/24. Midday & early afternoon: very hot sun but strong wind. Short runs 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 fuscicornis ♀

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

Andrena albicans ♂♂ + ♀♀.

" *nigrescens* ♂♂ + ♀♀.

" *jacobi* ♂ + ♀.

Nomada goodeniana ♂♂ + ♀♀.

" *marshamella* ♂♂ + ♀♀.

Schneumonidae →

On this date (17/5/24)
N.S.D. (W. & T. Triff) took
in a small number of
at Marlborough,
Co. Wicklow.
- *Andrena albicans* ♀.
a few ♀

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

Halictus fuscicornis ♀

" *rubicundus* ♀♀

Andrena albicans ♀♀ on sandhills!

" *subopaca* ♀

Nomada ~~subopaca~~ ^{affinis} ♂ with blunt mandible

" *flavipunctata* ♂

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

(*Euphyas calceatus* ♂ R.C.L.P.)

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

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 ♀♀.

" *freycassieri* ♀

" *calceatus* ♀

" *leucopus* ♀

Andrena albicans ♂♂

" *sericea* ♂♂ abundant; ♀♀ a few.

Nomada marshanella 1 very small ♂.

Ichneumonidae. *Ichneumon saritorius* ♀.

Sunday: 18/5/24: midday: rather cloudy, some sun.
Rice Bank (King's Rice) below Humphreys Br.
4 miles S. of Blessington, Co. Wicklow.

Andrena sericea ♂♂, & 1 ♀ on sandstone.

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

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

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

Halictus freycassieri ♀

Andrena albicans ♂♂ & ♀♀.

" *fucata* ♂ (fresh).

Sunday aft: 18/5/24: oryza channel, W. of Blessington

Nomada bifida ♀♀.

" *ruficornis* 2 ♂♂.

" *marshanella* 1 ♂.

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 showers
spoiled all collecting. Visited Bohernabreena.

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

Land pit, 1/2 mile S.E. of Kiltcorman, 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.

Midday, sunny interval. Valley on Co. boundary below bridge where Old Connaught road crosses boundary 1 1/2 miles S of Sculp. Cos. Dubl. & Wicklow. Dublin side has sand pit; Wicklow side has low marsh for 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 from Enniskerry.

Andrena jacobi ♂♂ & ♀♀ } all flying to Sycamore flowers in lane near Killeegan House.
" *fulva* ♂ & ♀ }
" *albicans* ♂ & ♀♀ }

Salix purpurea ♀ }
Verpa rufostriata ♀ } 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. renica*)

" *grypana* ♀ on *Veronica chamaedrys* not too common.

" ♂ of small black species with white face seen!
Sphex *divinus* ♀.

" *affinis* ♀.

Dolerus niger ♂♂ R.L.L.? Flying round Sycamore at Killeegan Ho. one kept by R.L.L.?

Stiff
Homocidus arcuatus taken on this afternoon near Killeegan A.W. 1940.

Saturday 31st May 1924.

Afternoon, warm, with considerable sun.

Cliffs below Carlscliff, Bally, Howth, Co. Dubl.

Chrysis ignita ♂♂ & ♀♀ } Very abundant.

Odynerus pictus ♂♂ & ♀♀ }

Sphex affinis ♀♀ common.

Halictus rubicundus ♀♀

" *cylindricus* ♀ seen.

" *albipes* ♀♀.

" *punctatorius* ♀♀ common.

" *nitidiusculus* ♀♀

Baily cliffs: 31/5/24. cont.

Halictus

Andrena jaevoti ♂♂ + ♀♀

" nigroaenea ♂♂

Nomada ruficornis ♂

Lasius alienus

or S. rufipes

at Baily!

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

Sunday, 1st June 1924. Rain all day!

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

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

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

Halictus leucopus ♀

Andrena subopaca ♀

Centruroides ~~strigatus~~ *Stenopogon singularis* ♂ + ♀♀ P.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*! P.C.L.P.

Halictus rubicundus ♀♀

" freygessneri ♀

" nitidiuscula ♀

" tumulorum ♀♀

" smeathmannellus 2 ♀♀

" leucopus ♀♀

Andrena jaevoti ♂♂ + ♀♀

" nigroaenea ♂♂

" fucata ♂♂

" albicans ♀♀ on Hawthorn.

" cineraria ♂♂ only.

" guyanensis 1 var ♀

Rocky Valley: 8/6/24. cont.

- Andrena subopaca* ♀ ✓
- " *saundersella* ♂
- " *vitkella* ♂♂ + ♀♀
- Nomada ruficornis* ♂ + 2 ♀♀. ✓ R.C.L.P.
- " *hilliana* ♂.
- " *bifida* ♀

Schneumoides. *Schneumon* ♂ ♀, 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
on bracken.

Stenoglyptus cingulatus ♂♀ R.C.L.P.

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

- Pimpla gibber* ♂ + ♀
- Osmia aculeata* ♂ + ♀
- Bombus derhamellus* ♀ seen. ✓

Monday (Whit), 9th June 1924. Morning till 1 pm. Warm but very little sun. W. bank of river in Gees Brook, 1/2 mile below fall, Birrmount Co. Wicklow.

- Sphex*
- Halictus rubicundus* ♀♀
- " *calceatus* ♀.
- " *pepperoni* ♀.

- Andrena jacobii* ✓
- " *juvata* ♀
- " *lapponei* ♀♀
- " *cineraria* ♂♂. 1 ♀ seen.

- Nomada bifida* ♀.
- Schneumoides*: *Cryptus*
- Schneumon*
- Pimpla*
- Tenthredinidae*. "*Allantus arcuatus* ♂. R.C.L.P.
- ~~Order~~ *Loderus palmatus* ♀ R.C.L.P.
- Stenoglyptus cingulatus* ♂♀ 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.
from Isas large Duddy long ago! etc.

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

Andrena jacobae ♂♂ & ♀♀ at Harthorn.

Halictus fuscipes ♀.

Ichneumon ♂ Black ♀ ✓

Ichneumon ♂ Black ♀

Strangolyptus singularis ♀♀. R.C.L.P.

Allantus arcuatus ♀♀.

Friday, aft. very hot, bright, sun. 13th June 1924

After very wet week!

Glencree, between reservoirs!

Hardly any Hymenoptera seen.
Leptothorax ruficornis ♀♀ in SE. angle post of Brady's garden.

Halictus calceatus ♀ seen in Daisy

" tumidus ♀ seen.

Andrena fucata ♂♂

" sericea ♂♂ opp. Brady's in sandy clippings

" jastris ♀ on Holly.

Nomada marshamella ♀♀. ✓

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. P.N.F.C. Ex.

Old quarry at Sandymount, Co. Dublin.

Sphecodes affinis 3 ♀♀.

Halictus rubicundus ♀♀ frequent.

" calceatus on Ranunculus bulbosus.

" tumidus " " "

Andrena fucata ♂♂

Nomada viridis ♀

Psithyrus rufus ♀ at St. Columba's College.

Ichneumon ♀ in swamps on E. side

of Kilmashogue.

Collected by E. O'Meara at Clontarf, Kildare or Herth (see labels!)
E.O.M. & J.N.H.

" Tenthredopsis inornata R.C.L.P. " viridis var. " R.C.L.P. " Trichosoma ♂ ulmi " R.C.L.P. J.N.H. " ulmi ♂ R.C.L.P.

" Trichosoma ♂ ulmi " R.C.L.P. " Holocromia lucida " R.C.L.P.

" P. myosotidis " R.C.L.P. " Pachyremetes sticticus " R.C.L.P. " Pach. sticticus ♀ " R.C.L.P. E.O.M. & J.N.H. J.N.H.

" Athalia lineolata " R.C.L.P. " Emphyga calceatus ♀ " R.C.L.P. " Dolerus areolaris " R.C.L.P. J.N.H.

" Dolerus picipes ♀ " R.C.L.P. " Dolerus niger ♀ " R.C.L.P.

" 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 deudate* !)

Nomada viridis ♀

" *marshalli* ♀♀

Tenthredinidae! *T. balteata* ♀ R.C.L.P. *Strongy. cingulus* ♀ R.C.L.P. (*aperta*?)

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

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

" *Silandria 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.

Glennacross (head of); Military Road at 1400,

+ Mullagh clearan (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 callenae* taken by road by M.D.S.

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

Sunday, 22nd June 1924. Hot sunny morning but
a bit hazy - sunny bursts, after 10 AM.

Murrough of Wicklow: Wicklow to Greystones,

11 AM till 7.0 PM.

Pompilus gibbus ♂♂ + ♀♀.

Tachysphex pictus ♂♂. With pollen pile on face!!

Amnophila laticornis 1 ♂ 6 ♀ on edge of sand near

sea N. of Killough. ♂ taken had ♀ firmly

gripped in his mandibles by neck or pronotum -

I remained thus for half an hour in bottle (other

was weak!) but were not in cop.

Halictus villosulus ♀ near Wicklow station

" sp. ♀ seen nesting with *Amnophila* (but may

have been *tumulosus*).

Andrena albicans ♀ on Cow Parsnips at

Wicklow station.

Osmia curvicauda ♂♂ (very) ♀♀ (very fresh, frequent.

Bombus distinguendus ♀ seen S. of Killough.

[*Lasius clivator* var. *viridis* undulatus taken by M.D.S. on 22nd June 1924.]

taken by M.D.S. on 22nd June 1924.

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. Tip.
but though sunny no Hymenoptera seen on
roadside.

Stopped for tea in wood on bog beside Borek.
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 S.W. which
lasted all night. Landed dunes morning
One bee seen on sand dunes which may
have been a ♀ *Andrena sericea*.

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

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

One braconid swept.

One *Pezomachus* ♀ running on sand.

Tuesday 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*,
Fa. scabrinodis & *Lasius flavus* in dunes.

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

- Pompilus 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 "Thornhill".

Ichneumonidae ♂:

- Cryptus* ♂ + ♀
- Chorip.* ♂
- Pezomachus* 2 sp. (2 black) ♂

Thursday 3rd July 1924 cont.

Afternoon: more windy but considerable sun.
Lahinch, S. to Moy House & Glenville stream.

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

Crabro dimidiatus ♂♂ + ♀♀ on oak tree
by Glenville 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 ♀ " " "

Nomada 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 *Trichoptera* Cynipid swimming on rocks at high tide level
level.

Nedimoptera
suboptera ^{Blatt}
87.
ANG. Nov. 1932
Seen by Nixon Feb. 33
+ subsequently taken
by me + det. by L.
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.

Midday & afternoon.

Sandhills below Fisherstreet.

Pompilus plumbeus ♀

" sp. larger black specimen seen!

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

Colletes montanum ^{S.R.C.L.P.} ♂♂ + ♀♀ on sandy bluff
going to tips of bushes! ♀♀ on *Junonia* & *Thymus*.

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

Bombus lucorum ♀

" *muscorum* ♀♀

Cryptus ♀

No sign of
Pompilus *gibbus*
" *Tachypterus* *particeps*
though weather very
favorable.

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 Croftin but the only Hymenoptera seen were

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

Very nice collecting ground hereabouts, especially for *fossons*! But some *fossons* present!

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. parviflora* 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 & 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.O." at Poulisallagh.

Lasius niger? nest very common all over district.

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

Friday. 11/7/24 cont. Afternoon: warm
dull till 4:30 then very hot sun.
Boulder - clay bank, oak tree by river
& willow trees & sycamore trees by railway,
E. of railway near ^{new house} Glanville, 1 mile S. of
Lahinch.

Sylvia sp? ♂ seen. (Probably S. caullata.)

Crabro leucostomus: 2 ♀♀ one entering burrow
on bank; one on sycamore tree in veg.

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

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

Veopa rufa ♀♀ very common near oak tree.

Olycorus sp? ♂ seen on branch (Probably O. sinuatus)

Halictus ^{v. rclp.} villosulus ~~substantis~~ 2 ♀♀ nesting at foot of bank.

" pygmaeus 1 ♀

" leucopus 1 ♀

" rubicundus ♀

Homada hillana 1 ♀ running on stone.

" ruficornis 1 ♀ Very small.

Tenthredinidae. T. balteata R.C.H.P. T. atra, v. dispar R.C.H.P.

Athalia lineolata R.C.H.P. Selandria serrata ♂ R.C.H.P.

Ichneumonidae

Saturday 12th July 1924.

Morning dullish & very windy: Liscannon &
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 ^{My off House} Glanville
as yesterday afternoon.

Considerable hot sun, but rather windy.

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

Morning. *Cotesia*, *Exochus*, *P.*, *S.*, *Leucospiza*.

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

Vespa sylvestris ♀ seen near B's rump.

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.

Propolis plumbeus ♀ carrying spider ^{longirostris} Egg!

Oxybelus uniglumis ♀ carrying fly ^{Prosema} ^{near to} ^{Britannica} ^{P.F. Grimshaw!} ^{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 + 1 heavy rainstorm at 11/30 A.M. Subsequently dull + squally with rain.

Stopped at ~~Blackhead~~ 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, Dooberbeg, N. of Kilkee.

Propolis gibbus 1 ♀. *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 *latronum*

Apariteles palustris ♂♀

Verpa rufa ♂♀
new to Ireland; but taken by Halbert simultaneously at Glenageary, W. Co. Nov. 1924.

17/7/24. cont. afternoon. Windy, but considerable sun after 4 p.m.

Salix ^{notata} ~~maritima~~ ♀ on hazel.

Crabro ^{leucostomus} ~~excelsus~~ ♀ on mycamore.

" *dimidiatus* ♂♂ + ♀♀.

" *varius* ♂♂ + ♀♀.

Odynerus sinuatus 1 ♂ on mycamore.

Verpa rufa ♀♀

Halictus ^{villosulus} ~~lativentris~~ ♀. R.C.L.P.

" *fryxaneri* ♀.

Andrena wilkella ♀ seen.

" *subopaca* ♀ on *Stentella*.

Railway & bank above stream near Glenmilk (as before) S. of Linnick.

near Moy House
17.7.24 cont. Glenmilk, railway & stream bank near same, S. of Linnick.

Andrena gurgana 2 + brood 2 ♂♂ 1 ♀.

Nomada obtusifrons ♂ on *Scilla virens* on railway

Megachile versicolor ♀ on *Lathyrus pratensis* on ry.

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

" *lucorum*

Ichneumonidae, *Tenthredinidae* ♂.

Abia ^{cardens} ~~nitens~~ ♀ on bracken. (R.C.L.P.)
D. Robinson's naming of this as *nitens* must have been due to a lapse, calams, but at that time I never thought of doubt; the resemblance of the name. Only later, Nov. 4-11, 1928.

Tenthredo londa 2 ♂♂ (as before) on *Scilla virens* on railway. R.C.L.P.

Pachyprotasis antennata ♀. O.P.C.L.P.

Apariteles palustris

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

Cliff at Cream Point, Milltown Malbay (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 montanum ♂♂ on Wild Carrot.

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

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

Hypochaeris radicata! All specimens

very fresh

Halictus punctatissimus 1 very young ♀.

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

Bombus muscorum ♀♀.

" *hortorum* ♀♀ on red clover (? ♀)

Apis mellifica ♀♀.

Wings of Chalcid on rock at top of cliff.

Blacks & red (small) ichneumonid & obscurus d.

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 Moy House S. of Keshinch (as before).

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

Crabro varius & *dividivatus* as before.

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

Ichneumonidae, *Tenthredinidae* &c.

Athalia lineolata " " ?

About 10 spp of *Ichneumonidae* - 1 of which I have

19/7/24 cont.

Afternoon: very hot, with little sun.

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

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

Bombus jonellus ♀. upper glen.

Bombus lucorum ♂♂ & ♀♀ at

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 fucosa ♀♀ 3 at Geranium sanguineum
& 1 at Potentilla tomentosa.

Andrena wilkella ♀ on White Clover at Boolsallagh.

Large black bumblebee seen on
at Boolsallagh. = Germania?

Monday 21st July. A glorious sunny day
with cool N. wind. Very hot - out of
wind. Bohereen & hillside N. of Morrison's
Farm, Clooncoose, 3 miles N. of L. Inchequin
(where Phillip took Argyria euphrosyne - 1923).

Pompilus niger ♂. ♀ seen.

Ceropala maculata ♂ & ♀. Saw but failed
(5 times) to capture
a ♀ Argyria!

Halicta fucosa ♀♀.

" meathmanella 1 typical ♀.

" calceata ♀♀ on Geranium Robertianum!

Andrena fucata ♀ (very worn) - on Geranium Robertianum

Crabro dividiatus ♂.

Apanteles sp. & Microplitis luteiventris (Hb. S. 714)

21/7/24 cont. Evening: sunny but windy.

Railway & bank above river near Moy Ho.

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

Crabro varius & *dimidiatus* as before.

C. vagus ♂ on Sycamore on ry.

Odynerus fasciatus ♂ " "

Halicta lateralis ♀ on bank.

Andrena gurganensis ♂ " "

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

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. Tid. etc.

Nymphaea scaberrima ♀ ♀ ♀ ♀

Selandria morio ♀♀. ♀? C.L.C?

Abia sericea ♀. " "

Pimpla ♂ ♂ ♂ ♂

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.

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 Glenrille House, 2 miles S.E. of Lakenish. No aculeates seen!

Tenthredinidae "*T. ferruginea*" ♂ R.C.H.P. "*Althaea lineolata*" ♀ R.C.H.P.

Tenthredini ~~*sp.*~~ *coquebertii* R.C.H.P.

Colletes ~~*sp.*~~
Colletes ~~*sp.*~~
Colletes ~~*sp.*~~

Meteorus deceptor ♀ + *Rhyssa tristic* Hal. (sub ♂?)

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

Spent all day in glen S. of Lakenish from ry. at Moy House to upper glen below Glenrille.

Morning + evening at Moy House = 1

Midday at upper glen = 2.

Pompilus niger 1 very large ♀ at 1. ✓ R.C.H.P.

Salix ^{*notatus*} ~~*sp.*~~ 1 small ♀ in field ditch at 1.

24/7/24, cont.

Odynerus 3-fasciatus ♂ & ♀ flying round willows on ry. at 1.

" *sinuatus* ♂ at 1. ♀ at 2.

Verpa rufa ♀♀ very busy round oak-trees at 1 & 2.

Mellinus 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.H.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-currant above 1.

" *lativentris* ♀ at 1.

" *albipes* 3 ♀♀ at 1.

Andrena ~~*nitida*~~ *grymans* 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. *valeriana* seen but not captured.

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

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

Tenthredinidae! "*Athalia lugens* ♀" B.C.L.?

Ascogaster rufidens (Hb.) ♂ 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.

Pachyproctus antennata ♀ at Glensville. B.C.L.?

Meteorus pulchricornis (Cresson) ♂ (small ♂♂ T.H.)

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 exaltata 2 ♂♂ ^{W.C.K.P.} at 2. ^{on bank near top of Glen!}

Mellinus arvensis ♂♂ (some very small) ^{at 2 but I can't remember whether taken with last or not. They were A.W.S. Nov. 24.}

frequent about 1

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

Crabro varius & *dividatilis* as before.

C. laevigatus 1 ♂ at 1

b.

Odynerus 3-jarvianus 1 ♂ at 2.

O. sinuatus 2 ♂♂ at 2.

Vespa rufa ♀♀ as before.

Halictus albipes ♀♀ at 2.

" *pygmaeus* ♀ 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* & *deplanellus* at 1.

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

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

Tenthredinidae

T. leucida ^{W.C.K.P.} 2 ♂♂ on *Sycamore* at 2 (as before).

& ♀ on willow between 1 + 2.

Ichneumonidae, Braconidae & ?

Sunday 27th July 1924. A dull warm day with rain in afternoon. Went via Lisdovanna, Caherbullog & Caher Valley to Murrone (S. of Black Head), here spent a couple of hours on dunes in misty rain; afterwards home via. Boolsallogh & Lisdovanna. 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, Roscrea, 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. C. Brunken to Glen Imaal, W. of Lurganquilla, Co. Wicklow. Stopped at deserted estate near S.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 ~~caum~~ palmipes ♂ at 1. Seen also at 2 but supposed to be various & not brought home!
" *Chrysostomus* 2 ♂♂ on Alders at 2.

Halictus pygmaeus ♀♀ at 2.

Andrena fulvata ♀ very common at 2. ✓
" *saundersella* ♀ at 2.

Nomada flavopunctata ♀ at 2.

Ichneumonidae ♂. *Phogas circumscriptus*, var. ♂.

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

On 31-7-24 I took 1 ♀ *Pemphredon* *Calligena* in my garden at Maryfield, Rathpar or Blackcourt.

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

Aft. 3 p.m. till 6 p.m. Glencullen, 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

" *rupestris* " " "

Psithyrus distinctus ♂ seen

" *rupestris* 2 ♀♀ seen.

" *barbutellus* seen.

Verpa myristicis ♂♂

" *norvegica* ♂ very dark.

Ichneumonidae :-

Sunday 3rd August 1924. Rain all day.

On duty in museum.

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

Went to road (below old road) at
Bernalreena, Co. DU.

No aculeate seen except 150 fly but several
small *Ichneumonidae* swept. Aphid. collected
on *Carduus arvensis* + *Centaurea nigra* for parasites!

Sunday 18th August 1924. Morning.

Dull + warm: Glasnevin Bot. Garden
(with N. L. O'Grady).

Several *Ichneumonidae* taken + one ♀ *Crabro*
(almost certainly *carifrons*) seen near the Tolka
Chamae swept.

10/8/24 cont. In garden at Mayfield
9-30 till 10 A.M. Sunny + warm.

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

Ichneumonidae.

Monday (afternoon) 11th August 1924.

3 till 6 P.M. Powerstown - 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 below entrance = 3

Pompilus opivius ♀ (worn) at 1. & 2. & 3.
Salix exaltatus ♀ (very large) at 1. R.C.

Pemphredon lugubris ♀ at 2.

" *shuckardi* ♀ at 2.

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

" *iv-maculatus* 2 ♂♂ & 1 ♀ ^{near} bridge *utridatus* at 3.

" *dimidiatus* 1 ♂ at 2.

" *varius* 1 ♂ at 2.

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

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. *Dacnusa hypoleuca* 1 ♀.
Apanteles falcatus 1 ♀.

Friday 15th August 1924. Hot sunny morning with
some clouds getting dull about 3 pm. with heavy
showers from 4 till 5 pm.

Valley of the Avonmore below Rathdown
Co. Wicklow.

1. = E. side of river above ry. viaduct & quarries.

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.

Cyenia 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.

" *chrysothorax* ♂ 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.

20/8/24 cont. Enniskerry "

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

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

Halictus ...
Syrphid ...
Empidid ...

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.

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

- Salix caudata* ♂♂ ♀♀ at 2.
- Melinae arvensis* ♂♂ ♀♀ at 2.
- Crabro dimidiatus* ♀ at 3.
- " *iv. maculatus* ♀ at 3.
- " *varius* at 2 & 3.
- Prosopis confusa* ♀ at 2
- " *brevis* 3 ♀♀ at 2. } *Juncus montana*
- " *hyalinata* 1 ♀ at 2
- Sphex affinis* ♂♂ & ♀ on head of wild carrot with *H. leucopus* at 2.
- " *affinis* ♀ very near at 2. ✓ R.C.L.C.
- Halictus rubicundus* ♂♂ & ♀♀ at 2.
- " *calceatus* ♂♂ seen.
- " *albipes* ♂♂ seen. Also 1 ♂ at 2. ✓ R.C.L.C.
- " *pygmaeus* ♂ at 1.
- " *leucopus* ♂♂ & 1 ♀ on Wild Carrot at 2 with *Sphex*
- " *tumulosus* ♂♂ at 2. ♀ at 1.

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

Akremonidae ♂.

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. (see before see p. 81.)

Salix exaltata ♀♀ seen.

Agonia variegata 1 ♀ on large stone.

Pompilus nigerrimus 2 ♀♀.

Crabro raris seen.

Odynerus

Vespa rufa ♀

Sphecodes affinis ♂♂ + ♀♀ on angelica. 1 ♂♂ seen.

Halictus rubicundus ♂♂ + ♀♀ seen.

" calceolus ♂♂ + ♀♀ seen.

" albipes ♂♂ seen. ✓

" peyerimii seen.

" punctatissimus ♂♂ + ♀♀

" nitidiusculus 1 ♂

" leucopus ♂♂ + ♀♀.

" tumulosus ♂♂ + old ♀♀.

Andrena denticulata 1 ♂ + 1 ♀.

" minutula ^{VRCP} ♂ + ♀.

Prospis confusa ^{VRCP} 1 ♀ with black pronotum.

" binivornis ^{VRCP} 1 ♀ without white tomentum on 1st segment of abdomen.

Chelonus ...

Tenthredinidae! "Selenobia sericea" ♂ or ♀? L.?

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

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

Coelinius niger, Chelonus inaniter, Bracon anthracinus (?), Bracon sp. (possibly black form of "fulvipes Wes."), and Apanteles falcatus (fide J.T.L.)

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.

Empidonax griffiths 1 ♀.

Salix caudata ♀.

Crabro varia common.

" *dimidiata* 1 ♂ & 1 ♀

" *maculata* 1 ♀.

Melospiza americana ♂♂ & ♀♀ seen.

→ *Proserpinca confusa* ^{✓ RCLP} several ♀♀ on *Juncus montana*.

→ *Halictus rubicundus* ♂♂ & ♀♀ seen. Old worn ♀♀.

" *calceatus* ♂♂ & ♀ seen.

" *albipes* ♂♂ seen.

" *pygmaeus* ♂♂ & ♀♀ seen.

" *leucopus* ♂♂ & ♀♀.

" *tumulosus* ♀♀ seen.

Andrena fuscipes 2 ♀♀ very fresh.

" *vitata* ♀♀.

Homada rufipes ♂ & 2 ♀♀ with *A. fuscipes*.

" *ruficornis* 1 large ♀ rather worn.

→ *Pleurodes affinis* 1 ♀.

→ " *hyalinatus* 1 ♀ on *Juncus montana*. ✓ RCLP

Colletes glutinosus 2 ♀♀

Sunday 7th Sept. Rain all day!

Wednesday 10th Sept. A fine day with sun until 1 p.m. but strong keen wind.

Devil'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 variegata ♀ on roadside at jigsaw.

Proserpinca confusa ^{✓ RCLP} 1 ♀♀ on *Juncus montana*.

" *hyalinatus* ^{✓ RCLP} 2 ♀♀

Halictus rubicundus ♂♂ & ♀♀.

" *albipes* ♂♂

" *calceatus* ♂♂

" *pygmaeus* ♂

" *leucopus* ♂♂ & ♀♀.

" *tumulosus* ♂♂ & ♀♀

" *punctatissimus* 2 ♂♂. One with darkish tarsi.

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

Andrena minutula ^{var. 1} 2 - brood. 1 ♀ at tent, under pines
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. calceolus ♂♂

H. altipes ♂♂

H. leucopus ♂♂ + ♀

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

10-9-24 cont. The Dingle.

Records of various Hymenoptera received from correspondents.

- Braconid: - *Oxygaster sticticus*, *Mesochorus globatus*, St. Anne's. ^{Aug. '24} E.O.M.
Spathius excavator L. Keshay. 6/7/24. E.O.M. *Meteorus rubens*
 (very rare! S.T.L.), *Leptocryptus muricatus*. St. Anne's, Clontarf. ^{2/8/24} E.O.M.
Chelonus villosus. Milbarnack. E.O.M. 2/8/24. All fide J.T. Hyle.
Leptopygus pini. Horth. Min. A.L. Mearns. Bred from larvae capt. 1923.
Andrena albicans. ♀ Bloskeagh, DU. M.S.D.W. 11-5-24; ♀ Monkstown,
 Co. Cork. M.S.D.W. 17/5/24. ³⁸⁷ Castle Road, Sloughford co. 30
 Rev. S. Foster. 13/5/24. ♀ Ballylannon, Co. Down. Rev. S.F.
 15/5/24. ♀ Kilkenney. R.A.P. 17/6/24. ♀♀ Poulisallagh (on
Dryas flavus!) R.A.P. May 1924.
Andrena fucata. ♀. Monkstown. M.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 Glangarriff, 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 rare ♀, *A. coitana* ♀,

Bantroy Demesne *A. subopaca* ♀, *Halictus calceatus* ♀, *Nom. sturipron* ♀,

Bombus hortorum ♀, *Pitthyrus distinctus* ♂,

B. bartatellus ♀, *Crabro varius* ♀, *Compilus 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* ♂

meadows

21.7.24. *Odynerus 3-marginatus*

L. avoul.

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

Castle demesne

rubicundus ♂, *H. freygessneri* ♂, *Nomada sturipron* ♂

mostly

in old neglected *Bombus derhamellus* ♀, *Pitthyrus carpentis*, dark ♀,

orchard *Salix notatulus* ♂ + ♀, *Lasius niger* + *myr. ruginodis*

Allantus arcuatus, v. with abd. of v. perkinsi: head & thorax

normal. *Selandria morio*.

Glangarriff: J.N.H. cont.

24.7.24. *Andrena coitana* ♀.

29.7.24. *Halictus rubicundus* ♂, *Bombus lucorum* ♀ + ♀,

meadow

B. hortorum ♀, *Pitthyrus distinctus*, *Selandria sericea*,

Empyga pallipes.

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

Bantroy demesne

1.8.24. *Andrena subopaca* ♀, *Halictus calceatus* ♂ + ♂,

Bantroy demesne

Spilonema troglodytes ♀ flying round stump - demesne,

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

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

Bantroy demesne

Nomada sturipron ♂, *Myrmica caliginosa* ♀ + ♂

Crabro varius ♀.

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 Seecawon, 2,131 feet, in Co. Dublin.

8th March. J.P. Brunken reported willows in flower below Newtownmountkennedy, 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 nigrolinea* in sand pit at Knocknawoon^(DU) during a sunny spell. The willows along the hilly here were not yet in bloom!

In the afternoon in Glencullen (W) 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 numerous & 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 *Euclyptus perforator* but I am not sure about it. 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 Deurnan district Co. Wicklow. Spent morning in Deurnan 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* 1 ♂ ^{R.C.L.P.} abnormal ^{gth} ^{rest.} ^{segment.}
" *clavata* ♂ on stone, very fresh.

Nomada leucophthalma ♂ very large flying round burrows!

Bombus lucorum } abundant at Laurel flower
" *terrestris* } in cover plot at Deurnan
not seen at Ballyhenry!

Wed. 1st April 1925. very sunny morning, becoming dull & cloudy after noon. Spent afternoon in Deurnan demesne, but sun was just going when I arrived & wind cold. *Andrena claustrata*. 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 Ballyhenry River!).

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 groups 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 Kneelbarrow D., & to the
Andrena nigroaenea ♂♂ very abundant -
& ♀♀ seen on *Paraxanthus*, *C. leucodina*,
Halictus calceolus. 1 ♀ seen on *Paraxanthus*.
• *Bombus lucorum* & *terrestris* seen on
Willows (but no *Andrena*) & not over
full flower along river.

Friday (Good Friday), 10th April 1925.

A gloomy day with much sun but cool breeze.
Went to Arklow to look for "100" & 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* ♀.

Bombus lucorum, *terrestris* & *agrorum*.

10/4/25 cont.

Thursday 11th April 1925.

Sand dunes & river bank (Herrysburg)

Andrena praecox ♂♂ on ~~Willow~~ least white

under Willow tree by river!

Bombus lucorum & *terrestris* ♀♀ very busy
at willows, which were in full flower
but no other bees seen: saw 1st not
come out until after at willows!

Leucocryptus lateralis var *nebulosus* 1 ♀ taken
running on sand & "tunnelling" at roots
of bent grass.

No other hymenoptera seen on sands
— 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 gurgenea ♂♂ spring wood at Gorse.

Nomada fabriciana ♂♂ on *Paraxanthus*. ✓

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

Took specimen of
Hamptonia
Jackwoodeni
subulata Fall
sent to
John J. N. Halbert
24. 2. 26!

12/4/25 cont. Easter Sunday!

Spent rest of day in Glencullen (below Killegar) in Wicklow. Warm & sheltered but very little sun till late afternoon.

Andrena clarkella ♀♀ abundant in nesting in coomb (slip) on S. side of river.

" *apicata* 3 ♀♀. 2 running on slips on N. side of river, cat willows!

Nomada leucophaea ♀♀ common at *clarkella* colony. ✓

Amblyteles quadripunctatorius ♀? No specimen "searching" amongst dead bracken (M.T.S) with tibia all red!

Pezomachus sp. ♂♂ beaten out of firse bush (in flower).

Trypoxenus ♂♂

Vespa norvegica ♀ taken flying from ♂ willow!

Bombus lucorum, *terrestris*, *agrorum* & *hortorum*!

13/4/25. St. Anne's, Clontarf, Du. E. O'Keefe.

Dolerus nigripes ♂, typical! ✓ R.C.L.P.

Early Sat. & Sunday

Saturday 12th April 1925. A cold wind, day with occasional bursts of sun & showers.

Kilkenney: ^{in morning} visited right bank of More below Kilkenney in morning, but saw nothing beyond *Myrmica ruginodis*, *Lasius flavus* & *L. niger*. *Bombus lucorum* & *terrestris*. And one ♂ *Andrena* (probably *albicans*) seen on *Prunus insititia*!

In afternoon worked N. of Kilkenney along left side of river, crossed at suspension bridge to right & worked in grassy field miles & then took to road. *Andrena nigrescens* & *Bombus lucorum* & *terrestris* only bees seen but in morning of a small *Macropis* beaten out of *Urtica* bush, with some 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 More for 5 miles below Kilkenney & home by railway & road.

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

- (1) River bank from Bennetts Bridge to
- (2) Channel from river to railway, bridge
- (3) Railway cutting 1/2 mile N, where 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.
" *laevinodis* at 4.
Lasius niger & *flavus* both common.

No other ants seen! No *F. fusca*!!

Salix fusca ♀♀ apparently common: at 2, 3, 4, & 5.

Halicta rubicincta at 2 & 3. ♀♀ of course!

" *fulva* 1 ♀ (small) at 3.

" *nitidiventer* ♀♀ at 2 & 3.

" *tumulosa* ♀♀ at 2.

" *leucopus* 1 ♀ at 2.

Andrena albicans abundant at 2 & 3.

" *jacobi* ♂♀ at 3.

" *nigrescens* ♂♀ at 2, 3, 4 & 5. 2♂♂ Collected,
Andrena

" *fulva* ♂♀, ^{v. R.C.L.P.} *Andrena* along
railway, at 2, in S. of Maddocksstown.

Very few seen on the land by
a single uncollected specimen from T.C.D. see.

" *pratensis* ♂♂ & 2 ♀♀ at 2 & 4.

" *minutula* ^{R.C.L.P.} ♂♂ & ♀ at 3

" *subopaca* ♂ R.C.L.P. at 3.
pygmaea ♂ seen at 2, ♀ taken at 4.

Stenobothrus lucorum & *terrestris*

" *apromus*

" *denhamellus* ♀ seen 3

Homada (? ♂ *foedeniana*) seen at 4.

♂ flying over Whins at 2.

Kilkenny, quarries 1 mile north of on right bank
of R. here. Coll. by R. A. Phillip, 21/4/25.

Halicta nitidiventer & *tumulosa* ♀♀.

Andrena nigrescens ♂♂ & ♀♀ *jacobi* ♂.

Also Hemipteron: *Schizus luctuosus* (= *morio*) new to Ireland!

Killbarrack, Co. Dublin, E. O'Meara. 21/4/25.

♀ *Solierus nigratus* ♀ swept in marshy field!

var. intermediate between *nigratus* & *myalonus*, v. R.C.L.P.

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

Morning 11-12 AM summer time!

- Halictus rubicundus* ♀♀
- " *punctatissimus* ♀ } all on Taraxacum!
- " *leucopus* ♀
- Andrena apicata* ♀.
- " *grynanus* ♀.
- Nomada flammigera* ♂, large!
- " *fabriciana* ♀, small!
- " *leucophthalma* 3 ♀♀.

Quarry at
Ballyhenry.
G. Wickler.
26/4/25.

✓

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

- Halictus rubicundus* ♀.
- " *calceatus* ♀
- " *tumulosus* ♀.

Valley 1/2 mile below
Cathrum.

- Andrena albicans* ♂♂ on Prunus & Salix G. W.
- " *pygmaea* ♀ on Primrose! with pollen!! 26/4/25.
- " *jacobi* 2 ♂♂ at Salix.
- " *praecox* ♀ at Salix.

Shrub, but very small.

Dolerus nigratus ♀ "var. *intermedius* between
nigratus & *nigrolens*" V.R.C.L.P.
Small black beetle

✓

- Halictus calceatus*
- Andrena pygmaea* + *Andrena*
- " *albicans* ♂♂ & ♀♀
- " *nigroparva* ♀ V.R.C.L.P.

Bank near Station
G. Hall
29/4/25
Near Station.

- Halictus rubicundus* 2 ♀♀.
- Salix* (. *purca*.) ♂♂ & ♀ seen
- Andrena subopaca* ♂♂ & ♀♀

Quarry, Co. WI
29/4/25
G. Hall

- Andrena albicans* ♂♂ & ♀♀.
- " *nigroparva* ♂
- " *jacobi* ♂ & ♀.
- " *praecox* 2 ♂♂
- " *apicata* 1 ♂.
- " *subopaca* R.C.L.P. ♂♂ & ♀♀.

On bank of river
between Castle &
quarry, Milltown
R. G. Hill.

- Nomada bipida* ♂♂ & ♀.
- " *marshalle* ♂
- " *leucophthalma* ♂ V.R.C.L.P. - with red dots on scutellum & yellow bands on abdomen!
- " *ruficornis* ♂ V.R.C.L.P. probably parasite on *A. fulva*. (AWS) + R.C.L.P. also.

- Andrena albicans* 4 ♂♂ 1 ♀
- " *nigroparva* 2 ♂♂ 1 ♀.
- " *jacobi* 1 ♀.
- " *fulva* 1 ♀ beautifully fresh
- " *subopaca* ♀ R.C.L.P.
- " *maculata* 2 ♂♂ 2 ♀♀

Same locality as
last!.
V. G. B.
31/4/25.
S. 25.

Nomada bipida 2 ♂♂

Halictus rubicundus ♀♀

" *calceatus* ♀♀

Andrena jacoti ♂ + ♀♀

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

" *albicans* ♂♂ + ♀♀

Homada bifida ♂ + ♀

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

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

Dolerus vestigiatus 4 ♂♂ (1 kept V.R.C.L.P.)
with the former. *gracilior* *hibernica* V.R.C.L.P.!!

Beetle:

A beautiful sunny day
with some misty cloud

on sun in afternoon!

2 pm to 5 pm.

Scorrick

Downcourt, WI.

14th May, 1925

2 days.

G.W.S.

Halictus calceatus ♀

Andrena albicans 4 ♂♂ 1 ♀

Homada bifida 3 ♂♂

Salix fusca ♀

Taken by R. A. Phillip

at Dexterton, NK.

on 14th May, 1925.

Salix fusca ♀

Halictus rubicundus 4 ♀♀ Taken by R. A. Phillip

" *calceatus* 2 ♀♀ at New Cross, WX

" *albipes* 3 ♀♀ on 14th May, 1925.

" *tumulosus*

" *punctatissimus*

" *nitidiusculus*

" *lativentris*

} 1 ♀
each

Cont.

R.A. Phillip, WX. 14th May, 1925 cont.

Andrena albicans 12 ♂♂ 3 ♀♀

" *nigraenea* 2 ♀♀

" *jacoti* 1 ♂ 3 ♀♀ v. *scythica*

" *subopaca* 2 ♂♂ + 6 ♀♀ R.C.L.P.?

Homada marshamella 1 ♂

Sphecodes divinus 1 ♀

Apis mellifica 1 ♀

Halictus albipes 1 ♀

" *punctatissimus* 1 ♀

Andrena albicans 3 ♂♂

" *nigraenea* 1 ♀

" *jacoti* 1 ♂

Homada marshamella ♂ taken by R. A. Phillip

at G.P. on *Salix alba* ♀ at Millkeny. 15/5/25

Halictus rubicundus 2 ♀♀

" *albipes* 2 ♀♀

" *tumulosus* 1 ♀

Andrena albicans 1 ♂ 1 ♀

" *gryzans* 2 ♀♀ (1 ♂ hood)

" *sericea* 4 ♂♂

Apis mellifica 1 ♀

Featherdepos ♀

Anthreda arcuata 1 ♂ 1 ♀

also
athalictus
ambrosius 1 ♀

Taken by R. A. Phillip

at Waterford

on 15/5/25.

taken by R. A. Phillip

in grand pit at

Maryborough,

Queen Co.

on 17/5/25.

17.5.25 (16.5.25) taken by R.A. Phillip

- Halictus altipes* 3♀♀.
- " *graysoni* 4♀♀.
- " *rubicundus* 3♀♀.
- " *lunulorum* 3♀♀.
- Andrena albicans* 3♂♂ 1♀. taken by J. A. S.
- " *nigrescens* 1♀. Queen Co.
- " *jacobi* 3♂♂ 1♀. in 17/5/25.
- " *guyanae* 1♀.
- " *sericea* 7♂♂ 2♀♀.

Pentthredo arenata var. *melanoxyptus* Eslin v R.C.L.P.
Pentthredon 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 trips
 22-~~23~~ May till 8 June 1925.
 Weather cold & stormy & poor all round!

- 22/5/25. *Alomyia debilitata* ♂ on roadside between Dunderberg & Ramondale, L.H.
- Andrena fucata* ♂ & ♀♀.
- Nomada ruficornis* ♂ yellow bands on abdomen. v R.C.L.P.
 Both in quarry N. of Dromore, Co. Do.

- 23/5/25. *Bombus lapidarius*, *B. lucorum*,
B. hortorum, *Pithyrus distinctus*
 all at Coondara, Loughshadock, 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* etc.
- Chrysis ignita*
- Chrysis* ...
- Leucospis* ...
- Leucospis* ...
- Pachyramphus sticticus* ♀ v R.C.L.P.
- Dolerus nigricollis* ♀, var. towards *rugulosus* v R.C.L.P.
- Pentthredo arenata*, typical ± v R.C.L.P.
- Pentthredo* ...

- 26/5/25. *Bombus lucorum*, *terrestris*,
agrorum, *terrestris*, *hortorum*,
Pithyrus distinctus, v, common.
 ♂? *partitellus*.
Pentthredon ...
Dolerus picipes ♂ v R.C.L.P.
Ichneumon ... on *Alexander*.

2 lanes & on the "knowes" S. of Millisle, Co. Down. (N. of Hobart) Some sun but cold & windy.

Northern 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. *Halictus freygessneri* & *albipes* ♀♀

Andrena albicans 1 ♂

" *jacoti* ♂♂ & ♀♀

" *gurgarensis* 1 ♀

" *fulvata* ♂♂. ♀ seen.

~~Milliobryonia~~ ^{RCLP}
only dark *fulvata*!

" *sambucifolia*
on Big nut + St. Herbert!

1 ♀ *stylifera* RCLP.

" *subopaca* RCLP. ♂

" *viridiflora* ♂♂

Bombus agrorum, *lucorum*,
& *terrestris* ♀♀

Homocidus ♂♂

Tenthredinidae

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 ♂♂

29/5/25. In Belfast all day.

30/5/25. At Carrickmacross Co. Dub., 1st day
with pale *Andrena* (to find) on *St. Herbert*!

31/5/25. South, mostly to see *Andrena* on *St. Herbert*.

Andrena ♂♂ seen: one to find *St. Herbert*, down

✓ *Freya* ♂♂ - *St. Herbert*, *St. Herbert*.

" *agraria* - ♀♀.

Andrena ♂♂

St. Herbert ♀ on *St. Herbert* call of *St. Herbert*.

1/6/25. Glenamole to Larne.

Bombus lucorum ♀♀ seen.

✓ " *agrorum* ♀♀.

" *terrestris* 1 ♀ seen.

Milliobryonia: 2.6.25.

Holcoconema lucida V. R.C.L.P.

Rhyogaster anceps " "

2/6/25. Milliobryonia & *Andrena* as before: much lost

seen but no bees seen other than "Bombs"

At Milliobryonia *Andrena* ♂♂ outnumbered

♀ *Andrena* by about 10 to 1.

Andrena picipes seen at Herdston, but

no solitary, seen *St. Herbert*!

3/6/25. Down shades to Dublin. A dull day.

✓ One ♀ *St. Herbert* on *Agrostis reptans*, seen at
Rescuedale, L.H.

Collected by J. O'Meara June 1925.
 17/5/25. *Dolerus aeneus* ♀ V.R.C.L.P.
Pachymetopus clivellatus ♂ & ♀ V.R.C.L.P.
 19/5/25. *Ichneumon* Millarack.
 24/5/25. *Tentredopsis munita* ♀ } St Anne's
Dolerus picipes V.R.C.L.P. } Glontar.
 4/6/25. *Dolerus aeneus* ♀ V.R.C.L.P. } Millarack.
"has the smooth polished space 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 Oct. 14. 2. 26.

Collected by R.A. Phillips May June 1925.
 27/5/25. Nenagh, Co. Tipper.
Halictus alpestris ♀
Andrena junci ♀
Ichneumon
 1/6/25. *Tomada bifida* ♀ } K. Riverstown, ✓
Atthalia lineolata V.R.C.L.P. } Co. Cork.
Ichneumon } on flowers of *Euphorbia biterna*!
 2/6/25. *Empythes pallipes* ♀ var. } Gardiner's Hill, Cork E.
 4/6/25. *Halictus rubicundus* 2 ♀♀
 " *freygessneri* 1 ♀♀ } Berriskane,
 " *tumulosus* 1 ♀ } K. Tipper.
Andrena junci 3 ♂♂ & ♀♀
 " *subopaca* 1 ♂♂ & 2 ♀♀
Tomada ussamburghii 1 ♀♀
 " *flavoguttata* 1 ♀
Apis mellifica ♀ & *Tentredon arcuata* 2 ♀♀ V.R.C.L.P.

Tentredella temula
Arctostylus ruficornis seen in Harthorn. (1)
 " *arcuata*, seen. (1)
Tentredella livida V.R.C.L.P. (1) } Cortane. Co. Linc.
Taxonus glabratus V.R.C.L.P. (1) } 6/6/25. 2. 7. 7. c.
 or *flaviventris*, *reclivatus*.
Priophorus padi V.R.C.L.P. (1) } Lane from Donabate
 to Cortalli Ho. (1)
 the Island (2).
 Joyous day!

Tentredinidae:
Strombocerus deliatus ♂, 2 ♀ V.R.C.L.P. } Glenageary, Co. WI.
Dolerus aeneus V.R.C.L.P. } Slope from old road
 down to the Open Wood.
 7/6/25.
 Late aft. of joyous day!

Sphex morio ♀ V.R.C.L.P.
Lodoceros palmarum 1 ♂. V.R.C.L.P.
 " *retigialis* var. *iberica* 3 ♂♂ V.R.C.L.P.
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.
Andrena junci ♂♀. *Halictus freygessneri* ♀
Alomyia debilis ♂ & ♀. *Ichneumon* spp. *ichneumon*.
 red ♂.
Spheroptera ruficornis!

Dear park at
 Berriskane
 7/6/25.
 Midday of a
 joyous day!

Tenthredella temula ✓ R.C.L.P.
Blattaria sanguinolenta ♂ on Hawthorn.

Selandria fustularis ♂ & ♀ ✓ R.C.L.P.

Odynerus pictus ♀

Sphecodes affinis ♀♀

Halictus
" *calceatus* seen.

" *rubicundus* seen. ✓

" *tumulosus* seen.

" *punctatissimus*.

Andrena albicans ♀ on Hawthorn

" *jacoti* ♂♂ seen ♀

" *saundersella* ♀.

Nomada maculosa ♀♀ seen.

Fabiana ♂? ^{✓ R.C.L.P.} from parasite on
" *A. angustior*.

Collected by E. Puckering at St Ann's Clontarf

Priophorus padi ✓ R.C.L.P. on 10/6/25.

Tenthredopsis sp.?

Rocky Valley, Co. WI.

1 AM till 1 PM,

9/6/25
7th June 25.

too early in

day for

Rocky Valley

at 1000 yds. west

on Sunday.

Ballyman Glen (Old Connought-Rd)
Co. Du. G.W.S.

Tomostethus luteiventris ♀ ✓ R.C.L.P. (S/1 m. on 8/6/25.

Dolerus aeneus ✓ R.C.L.P. *Dolerus gemeris* ✓ R.C.L.P.

Stenobothrus: *Pontania leucosticta* ♂ ✓ R.C.L.P.

Empria (Poculocoma) liturata ✓ R.C.L.P.
Phryganidia ♂ & ♀♀ ✓ R.C.L.P.

Eucnemidae

Upper
Glennacole
(mostly along
Slade track

from 600 ft.

to 1,000 ft.

Co. Du.

G.W.S.

9/6/25.

9/6/25.

9/6/25.

9/6/25.

9/6/25.

Halictus albipes ♀♀.

Andrena fucata ♂♂ & ♀♀ ✓ R.C.L.P.

" *capponica* 1 worn ♀ ✓ R.C.L.P.

" *jacoti* seen

" *vilkella* ♂♂ & ♀♀ seen

" *orvatula* ?? ♀♀ seen

" *subopaca* ♂♂ & ♀♀ } Both very common at

" *saundersella* ♂♂ & ♀♀ } Brown & blue tints!

Nomada flavipunctata ♀♀

" *rupestris* small. 2 ♂♂ & 1 ♀ + v. dark.

Pezomachus ♂♂ 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*, *freycineti*.

Andrena albicans ♀♀. *jacobs* 1♀. *pygmaea* 2♀♀.

Vespa rufa ♀.

Nomada marshamella ♀♀.

Bombus jonellus ♀.

Psithyrus campestris ♀ type.

Leptothorax acervorum ♀.

Woodford, S. Galway, 9/6/25.

Schneumon deliratorius ♀

Ballycrissane (sand pit), S. Galway, 11/5/25.

Halictus albipes ♀.

Andrena albicans ♀.

Odynerus pictus ♀

Sphécodes affinis ♀.

Lisavoy (quarry) S. Galway, 11/6/25.

Odynerus pictus ♀.

Salix fusca ♀

Nomada marshamella 1♀

" *tipida* 3♀♀.

Tenthredopsis inornata ♀ ✓ R.A.P.

Ballinacloe, S. Galway, 11/6/25.

Halictus albipes 2♀♀.

" *tumulator* 1♀.

Andrena nigroaenea ♂ very com.

Pompilus nigerrimus ♂

" ? *gibbus* ♂ seen (a red bodied species)

Sphécodes ♀.

" ♀.

Halictus tumulator ♀.

" *maerthana* ♂; black abdomen.

" *rubicundus* ♂ seen.

Andrena nigroaenea, 1 very com ♂.

" ♀.

" *saundersella* ♀

Psithyrus campestris, almost black var.

11.15 till 12.20 noon
a glorious day!
Co Wick. 14/6/25.
Sunday.

Glen N. of
Hilpeddar,
Co. WI. 14/6/25.
6 p.m. still sunny
& hot!

Vespa rufa ♀ + ? ♀ seen.

Odynerus pictus ♂♂

Halicter altipes seen.

Sphecodes affinis ♀ (destroyed).

Nomada ruficornis ♂.

" (*trifida* ♀) seen? sp. ✓

Crabro dimidiatus ♂♂ very common.

Tenthredinidae

Dolerus niger ♀ ✓ R.C.L.P.

Pamphilius hostorum ♀ ✓ R.C.L.P.

Tenthredon lina ♂♂ ✓ R.C.L.P.

" *mesoclas* ♂ ✓ R.C.L.P.

" *arcuata* ♂♂ ♀♀ seen.

Athalia lineolata ✓ R.C.L.P.

Dineura testaceipes ♀ ✓ R.C.L.P.

Schneumonidae, ca. 15 spp. Braconid. 1 sp.

Tryphon ♂♂

North Ireland; (R.L. Goo in Aug 1952. A.W.S.)

Diptera: *Xylota lenta* Coleoptera: *Glyptus arcticus* on flowers of bot. garden tree near Waterfall.
Odonata: *Calopteryx virgo* ♂♂ ♀♀

Vespa rufa ♀.

Halicter altipes ♀

Andrena jacoti, very ♀♀ quite common on *Aenanthe crocata* + *Har. Thom*

A. albicans ♀♀ on *Aenanthe*,

Har. Thom (+ *Sistia Rose*

S. harrisi, garden on Waterford side of River!)

Nomada maculosa 1 ♀.

Dolerus nigratus ♀ ✓ R.C.L.P. (Both 'lost' sp. } on *Aenanthe* flowers.

Eucampy orata ♀♀ on Alder + ? ✓ R.C.L.P.

Braconid

Schneumonidae

North bank of Suir in two miles below Clonmel, S. Tipperary N.S. 16th June 1925. 12 noon till 2.30 p.m. Hot sun most of the time, but a very strong breeze.

An *Schneumon* 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 Ballinacloe
Co. S. Galway & Roscommon. June 1925.

- Halictus rubicundus* ♀
- " *calceatus* ♀
- Schneumonida* ♂
- Pteronidea* ♂

Ballinacloe, S. Galway
13/6/25.

- Andrena albicans* 4 ♀♀
- " *nigrosaranea* 1 ♀
- " *jacoti* 2 ♀♀
- " *foveata* 1 ♂

- Tenthredinida*
- Tenthredella atrata* R.C.P.
- Pachyprotus rufus* R.C.P.
- Tenthredonia confinis* O'S.

Schneumonida ♂

Near Ballinacloe,
Co. Roscommon.
14/6/25.

"The larger bees from flowers
of *Rhennu catharticus*"
R.A.P. in lett.!

- Pompilus niger* ♀ ♂ seen in brackets.
- " (*spissus*) ♀ seen but ? species.
- Crabro cetratus* ♀ ^{R.C.L.P.} entering hole in stump, captured by stem.
- " *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.

- Selandria fuscicornis* ♀
- Conoclethrus* ♂

- 1 *Schneumonida* ♂
- Glypta elongata* Halgr. ♂ & ♀. FAUS. & AR. Dark var. (ARoman.)
- Panochus femoralis* Thoms. ♂. Roman NO. 117.

Deerpark,
Roscommon
W.I.

Aft. of fine
sunny day
with keen wind
not much out!
Sun has nearly
over!

19 June 1925.

Pachyprotus confinis ♀
taken at Deerpark, W.I.
on 19/6/25.

Andrena jacoti var. ♀
Ichneumon
Athalia lineolata ✓ R.C.L.P.

Quarry & roadside N. of
Magherabeg, Co. WI.
A.S. 21/6/25. morning.

Pompilus gilvus ♀
" *nigerimus* ♀
" *plumbeus* ♂ & ♀

Tachytes pectinifera seen
Ammophila lutearia ♂♂ - ♀♀

Ceropalus maculatus
Cryptus werneri ♂♂ + ♀♀
Andrena sericea ♀♀

Coelocentrus lucorum ♀♀ + 1 ♂
" *terrestris* ♀♀

Prithyrus rufestris 1 ♀ seen.

Athalia lineolata ✓ R.C.L.P.
Selandria stramineipes ♀ ✓ R.C.L.P.

Pompilus gilvus ♀
" *nigerimus* ♂
Crabro varius
" *vagus* ♂
Hylaeus confusus ♂ ✓ R.C.L.P.

Tenthredinidae *Arges fuscipes*
Tenthredo lineata ✓ R.C.L.P.

Sand hills at
Butte Bay,
Co. WI.
Windy & sunny!

• A.W.S.
Midday 21/6/25.

Woods along
stream -
Deputy's Cross,
Co. WI.
Capt. 21/6/25.
Sun only at
intervals!

Ichneumonidae & *Tenthredinidae* ♂:
Mesoleptus
Flying over ridge & in drain!

Ballybetagh,
Co. DU & WI.
Evening 24th June '25

Crabro dimidiata ♂♂ & ♀♀
Crabro palipes 2 ♂♂
Eristalis cryptarum (Diptera)
Co. WI.

Single species of *Ichneumon*
taken at Carton, Co. Meath in evening of 25/6/25.
Some very likely ground here for *Ichneumon*!

Ichneumonidae ♂
Swift - Bloyhoge Bog 1/2 mile
below ruins of barracks, Military Rd,
Co. WI. A.W.S. 28/6/25.

Pompilus gilvus ♀
" *nigerimus* ♂ ? seen.
Crabro dimidiata ♂♂ & ♀♀
" *palipes* 2 ♂♂

Riverride by Ford
about 3 miles below
waterfall in
Glenmacnowry, WI.
A.W.S. 28/6/25.

Ichneumonidae ♂ ✓ R.C.L.P.
Crabro dimidiata ♂
Crabro palipes ♂
Single *Ichneumon* ♂

Odynerus (? ♂ pictus) seen.

Andrena 2 sp. ...

... ..

... ..

Tenthredo ...

Roadside at Ballybeg Br.

N. of Clara, Co. WI.

A.W.S. 28-6-25.

B. Boggy stream side both

Urtica caerulea +
Pinguicula lusitanica!

Dry heathery scrub along road to E.

Pompilus nigerrimus ♂

Prithyrus quadricolor 3 very fresh ♂♂

along road through oak wood.

Tenthredella livida ♂♂ ^{J.R.C.L.P. common.}

"balleata" var. nov. stigma between that of balleata + ferrug.
Tendalotus like to dark form of ferrug., not reported
of balleata" K.C.L.P. on label!

Pimpla ♀

Alomyia debellator, red form.

Bothriognathus

Various localities

between Clara

& fork of road

just N. of

Garryduff

Cross Roads

Co. WI.

A.W.S. 28/6/25.

A hot day (flies very

bad) but no sun till

4 p.m. afterwards

hot bursts.

Atia sp. ♂ taken at Garryduff but lost!

Collected by P. G. Phillip

Tenthredo arcuata

near Galway,

Andrena albicans 1 ♀

Co. Galway N.

Halictus albipes 3 ♀♀

19/6/25.

Tenthredo arcuata

Urtica

... ..

Pompilus gibbus 1 ♀, small.

Phaenocarpa affinis 1 ♀

near Fort, S. Galway.

Andrena jaesti 1 ♀

28/6/25.

Schneuwensidae

Together with

Grizzled Skipper.

Galway Burnet.

Wood White

♂

Gynipidae

Odynerus 3 marginatus ♂♂
Colletes piceitarsis ♂♂ + ♀♀.
Sphex affinis ♀
Pimpla ✓

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.
 " *peltarius* ♀♀, just below bridge.
 " *v. maculatus* ♂♂ small black
 form, on oak at lunch place.
 " *varius*. Rev. J. Foster & G.U.S.
 " *podagricus* 1 ♂ taken in ✓ R.C.L.P.
 thicket at entrance gate
 to path below bridge.

Odynerus pictus ♂♂ + ♀♀.
 " *simulans* ♀ ✓ R.C.L.P. on stump of
 felled & dead Holly at lunch place

S. Cliff, just north
 W. of bridge, below
 Earsing. Hill.
 G.U.S. 1-7-25.

Left bank of
 Avonmore from
 Clara Bridge to
 foot of Cronyhyne Riv.
 (above Rathdren)
 Co. WI. G.U.S. 5 July '25

[Including some species
 brought me from this
 locality the previous
 week by
 Rev. J. Foster!]

Hylaeus sp. [? *confusus*] ♂
 seen in Bramble at 2.
Halictus rubicundus ♀ at 3.
 " *calceatus*, ♀ at 3.
Andrena fucata ♀ (on oak) at 3
 or on Bramble flower.
 " *tarsata* Very abundant on
 sand flat at 4. Rev. J.
 Foster & also G.U.S. ♂♂ ♀♀.
 " *coitana* ♀ on *Ranunculus*
flammeola at 4.
Psoda 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 linida ♂♂
 " for *... ..*
Althaea lineolata ✓

Pompilus spinus ♀ taken by Canon Foster on summit of
 Carrick Mt. Glendy. WI. 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 spread clay rim
 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*! G.U.S.

Chelonus ♂ taken in Hollywood Glen, W.I. at 8 p.m.
on 7/7/25.

N.D. Janine in full flower on this date.

Myzomra 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.

Schnemmidas

Tenthredinidae

Atthya lycopis ^{VRCLP}

" lineolata ✓

The Dargle (fence
gate near Timmahuit
to top of glen)
S. side of River
& sand-pit
on N. side!

G. V. S.

Sept. 8/2/25.

Hardly any sun
of rain later
but very warm!



Two Schnemmidas by canal at Blanchardstown,
Co. Du. G. V. S. evening of 11/7/25.

Campoplex maculatus
Pompilus ruficornis 1 ♀ at 4.

Salix notatula 1 ♂ at 4

Mellinus arvensis 1 ♂ at 2.

Brenulus pallipes 2 ♂♂ at 1 or 4?

Crabro cariponus 1 ♂ at 1

" chrysothorax 2 ♂♂ at 2.

" W-maculatus ♂♂ common at 1+4.
mostly small + dark.

" podagrus 1 ♂ flying to
flour 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 was the Funaria before at 3 + 4.

Andrena ~~lappacea~~ 1 ♀, very warm. at 4.
juvata very hot dark terr. A.V.S.

" coitana 1 ♀ at 3.

" tarsata 1 ♂, more seen! at 4.

Schnemmidas ^{VRCLP} at 3.

Crabro at 1.

Halictus ✓

Left bank of
Avonmore
from Clara Bridge
down to sand-bank
1 mile below same!
G. V. 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.

Baryscapus pithus 1 ♂
Crabro palmipes 3 ♂♂ 1 ♀ on wild
cannot be same bank as taken in 1922.
Belyta fusicornis swimming on bank-grass
Schneuwronidae

Rust sandhills
near Rogerston
Pier, Co. Du.
Midday: very hot
but no sun.
13/7/25.

Schneuwronidae
Bracnidae
Megastis vittata pithella ♀

Garden at Mayfield,
14 Clareville Rd, Rathgar.
A.W.S. 13/7/25.

Schneuwronidae

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
Megastis vittata pithella ♂
Schneuwronidae

Garden at Mayfield,
14 Clareville Rd.
Co. Du.
A.W.S.
Evening 17/7/25.

Bracnidae

Glen of the Downs
Co. WI.
A.W.S. 19/7/25.
A dull day, with
drifting rain
till aft., then
a few short-
sun bursts!

Many ♀♀ of *Baryscapus* &
Crabro seen. A few
of *B. horticola* & *muscorum*.
Several ♀♀ of *S. lucorum* still
at work!! No. No. *S. capitata*!!!

Aliganda naticornis 30/7/25. V.P.C.L.P.

Garden at Mayfield,
14 Clareville Rd.
Rathgar, Du.
Evening of 21st July
& subsequent dates
till end of month.

Megastis centuncularis ♀. V.P.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 melanocephala ♂♂ at 3
in same spot as previous ♂ taken!

Cratichneumon caripon, ♂♂ at 1.

" *vagus* 1 large ♂ at 1.

" *chrysostrum* ♂♂.

" *W. maculata* ♂♂ & ♀♀ at 3.
many small black ♂♂.

Pellinus arvensis ♂♂ & ♀♀, at 2 & 3.

Athalia hirta ♂♂ at 2.

Tenthredo macronota ♂♂ & ♀♀ at 2. ✓ RLB

Andrena denticulata ♂ at 2.

Schneumonidae ♂.

A large black sp. with white bands on
antennae seen amongst Iris!
about 10 sp.



Beetle: *Microdus* sp. with reds black abdomen.

The large, ones

above the pipe

W. 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 ♂.

Shurran Glen (upper end)
26/7/25. G. W. I.

Very warm & full of
flies! After rain.

Athalia hirta ♂.

Pompilus gibber, ♀ seen
Habitus several sp. seen in quarry.

Schneumonidae ♂.

Pimpla turionellae ♂.

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.

Bombus as before and also

B. jonellus 1 on branch.

Vespa germanica or vulgaris? ♀ seen.

" cyanea ♂♂ + ♀♀ seen.

Centopoda maculata on Angelica.

Meloboris arvensis ♂
Talium exaltatum ♀ under stone in yard.

Tenthredinidae

Atalapha lineolata ♂♂ + ♀♀

Ichneumonidae ♂?

Pimpla
P. maculata
Stenobothrus

Leaves of ash tree much damaged

sp. of Myzocleptus ♂ seen

Bombus: nothing seen!

Halictus leucopus ♂♂ on Scabiosa.

Andrena wilkovi ♀♀ common.

" denticulata ♂♂ on Solidago ♂.
Nymphaea olivacea 1 ♀ hanging by Solidago ♂.
Crabro denticulata 1 ♂ on Solidago ♂.

Tenthredo arcuata, common.

Ichneumonidae ♂?

2 August 1925.

Afternoon:

no sun!

Rough ground

along coast

& inland of

road at

Especially Br.

N. of Arklat.

Puck

3/8/25.

Banks of Arroca

N. of meeting of

the Waters, Arroca,

C. W. A.S.

Morning: misty

rain; very warm

one or two glimpses

of sun!

Odynerus ?-marginatus ♂

Crabro varius ♀

Vespa vulgaris (nest).

Halictus rubicundus ♂ seen.

"

Ichneumonidae ♂?

3/8/25. aft.

HOT: misty rain

no real sun.

E. bank of Arroca

about 1/4 mile below

Arroca, C. W. A.S.

A.S.S.

Strangalia curvata taken flying.

3/8/25. B

Pompilus gilvus ♂♂ + ♀♀.
phur ♀♀.
Ceropalus maculatus ♂♂
Gorytes tumida ♂ ^{✓ R.C.L.P.}
 ? - first record! (Tramore, WA. 195?)
Mellinus arvensis ♀♀ carrying
 Scatophaga + "green fly".
Chyrenus "nest" seen + fruits in
 cells: also a dead Ichneumon!
Chyrenus sp. 1 very small, seen. ✓
Proctos *hyalinatus* 3 ♀♀ on *Juncus*.
Sphacodes *affinis* ♂♂ + ♀♀.
Halictus rubicundus fresh ♀.
 " *meathmanellus* ♂ + ♀.
 " *punctatissimus* ♂♂ + ♀♀.
 " *villosum* ✓ R.C.L.P. ♂ + ♀.
 " *tumidum* ♂ seen.
 " *albipes* ♂ ✓
Bombus lapidarius ♀♀ + ♂♂.
Ichneumonidae + ?
Selandria serrata 2 ♀♀ ✓ R.C.L.P.
Euphytes (Allenton) *concolor* ♂ ✓ R.C.L.P.
Pipilo strigatus ♀.

4/8/25.
 A warm day with
 2 looms seen in
 morning.
 11.0 till 4.0 pm -
 Low dunes + c
 S. of Arklow Hd.
 i.e. ^{Askeintony} ~~Arklow~~
 Bay.
 Co. WI. ASD.
 Some labelled Askeintony
 Loxome

Arch. 200 1
 11 Aug 1955

Two small Ichneumonids captured in
 a trap in the morning 4/8/25!

5/18/25. Misty rain all day!

Salix exaltatus ♀ very large.
Crabro leucostomus 3 ♀♀
 " *caripronus* 2 ♀♀.
 " *regius* ♂, 2 ♀♀.
 " *varius*.
 " *v. maculatus* ♂ + ♀.
Mellinus arvensis ♂♂ + ♀♀
 - extreme abundance.
Halictus rubicundus ♂♂ + old + new ♀♀.
 " *calceatus* ♂♂.
 " *albipes* ♂.
 " *leucopus* ♂♂. ✓
 " *villosum* ♂ ✓ R.C.L.P.
Sphacodes affinis 1 ♂ ✓ R.C.L.P.
Andrena coitana ♀♀ abundant.
 " *denticulata* ♂.
Nomada rufipes 1 ♀.

6/8/25.
 Meeting of the Water
 banks of Arammore,
 both above + below
 bridge leading to
 Castle Howard.
 Co. WI. ASD.

in part of 11.0
 " 11.0 1955"

last of 1955.

Schneumonidae & c.

Glypta evanesens Ratzb. 1♂ VANS & AR.

Chorebus *concolor* *var.* ♀
fide G. / Kern. 1. 1911

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. G. X. Charlesworth
List 5 ✓

Pompilus plumbeus ♂♂ & ♀♀.

Campoplex maculatus ♂♂ & ♀♀.

Salix enallata ♀♀.

Oxytelus unipennis 1♀ on *Asplenium*.

Crabro vancouveri

Colletes claripes 1♂ on wild carrot.
Colletes pusillus ♂♂ & ♀♀.

on *Matricaria inodora*.

Halictus rubicundus ♂♂ & ♀♀.

" *meathumellus* ♂ seen ✓

Pristiphora ruficornis ♂, ^{VRCIP}
Schneumonidae & c.

Glypta ceratites ♀ VANS & A.R.V.

ruficornis
meathumellus

8/8/25.

ill 3 p.m.
Sand-dunes &
"cliffs", N. & S.
of Nigen Head.
Co. WI. ASD.

A fine day with
hot sun but
very windy (E).

8/10/25.
A.

Pimpla flaviventris
Crabro varius

Mellinus arvensis

Sphacodes

Ichneumonidae etc.

8/8/25. Afternoon

Warm, sunny.

Shelton Abbey demesne

W. of garden.

Co. WI. ASD.

Not much food!

see list

Compilus plumbeus ♀♀.

" *fittus* seen

Ceraptes maculatus ♂♂ & ♀♀ seen.

Ammophila luctaria ♂, 3 ♀♀, work!

Crabro varius ♂ in lane.

" *vesmali* ♀ on dunes.

Halictus montivagans 1 ♀ on coast.

" *rubicundus* ♂♂ & ♀♀ "

Sphacodes affinis ♀, large.

Colletes picistylus ♂♂ & ♀♀ on

Matricaria N. of Ennereilly Bridge
1 ♀ on *Achillea millefolium* S. of plant.

Athalia hylis & R.C.P.

9/8/25.

Coast N. & S.

of Ennereilly

old church

(Pennyconyrick

Bridge of O.S.)

Friday: very

stormy but sunny.

see list

see list

9 Aug 1925

Ichneumonidae cont.

Glypta

9/8/25. continued

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.

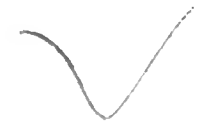
Clara cont.

Sphex ♂ at 5.

Andrena marginata 1 fresh ♀
or *Scutellaria maculosa* at 4.

Psithyrus distinctus ♀ at 4.

Ichneumonidae ♂.



Pachynotus ciliellatus

Pteronidea rubicincta

Athalia lineolata R.C.L.P.



Salix exaltata, at 2

Holictus calcatus, 1 ♂, at 1.

" *villosulus*, 2 ♀♀ seen, at 2.

" *tumulorum*, 1 ♂ at 2.

Athalia lineolata at 2.

Ichneumonidae ♂.

Pezomachus at 3.

Ichneumon

11 8/25.

Courtown & district,

C. LX. ASD.

1 = glen S. of Inch.

2 = Old brick pit at Courtown

3 = Sand dune on coast at

Ballyratten Ho.

S. of Clonavin!

Andrena coitana ♀♀ abundant at 1
Salix exaltata ♂ + ♀ at 3.

Pompilus ♀ (*nigerrimus*?) 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 tertia: Roman north ♀♀
says "perhaps = *nigrotrochus*" about 2 spp. at 2.

erata Stoll. with yellow stigma
& more red on abd. + tertia about 30 spp. at 3.

Glypta nigricornis 1 ♀ fide

A. Roman.
Glypta mensurator (with short tertia) 3 ♀♀ (2 sent A. Roman Dec. 1927)!

Applied
Arkelon District
Co. WI. 1928
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

& Ballyrippin Ho.

and S.

1. = railway + c. below

Ballyrain Ho.

W. of Arkelon.

2. = roadside above

Woodenbridge.

3. = head of Monaglogh

valley, S. of last.

Nearly everything taken

on flowers of

Angelica.

Pompilus (*nigerrimus*?) ♂ seen.

Agenia variegata ♀.

Crabro vagus ♂ + ♀ on *Angelica*

" *varius* ♀♀

& *leucostomus* ♀♀
Pompilus thurhardi

" *lygubrii* seen.

Mellinus arvensis ♂♂ + ♀♀ along bank.

Halictus rubicundus ♂♂ + ♀♀ (worn).

" *calceatus* ♂♂.

" *albipes* ♂♂.

" *frugiperis* ♂♂.

" *leucopus* 1 ♀ on *faciosa*.

Sphacodes affinis? ♂ on *Angelica*.

Andrena coitana ♀♀ abundant

on *Senecio*, *Stellaria pratensis*,

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

(11-30) 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. I.

A. J.

Vespa ruficornis seen.
Mellinus arvensis ♀ seen
Salix exaltata ♀ seen.
Formica fusca
Lasius flavus
 " *niger*.
Myrmica scabrinodis
 on the pollen being cleaned off on 16/1/23 this
~~Andrena~~ *Andrena* 1 ♀ *A. tarsata*!
 on *P. tormentilla* at 1400 ft.
A. fuscipes ♂♂ on moraine
 just above & S. of ford. ✓
Bombus lucorum
B. hortorum to 1,500 ft.
B. jonellus
Ichneumonidae. 2 sp.

all in morning

Tenthredinidae
Atalia lineolata seen.
 (No *T. arenata* seen!!)
 Red & black sp. on nettles!
 = *Taraxacum equiseti* ♂♂

14/8/25.
 a warm practically
 sunless day!
 Barrow & head
 of Glenmalur up
 to 1,500 ft. Co. WI.
 ASD.

Mellinus arvensis ♂♂ & ♀♀.
Pemphredon shuckardi
Ichneumonidae

14/8/25. Late aft.
 no sun.
 Scarp east of road
 below Ballinaclesh,
 (foot of Glenmalur)
 Co. WI. ASD.
 Very good ground!

Sent by P.A. Phillips.
Vespa ruficornis, *Salix exaltata* Mt. Butler,
Mellinus arvensis, *Crabro chrysothorax* ♀ Roscrea,
Pemphredon laticipes, *Colletes succinctor* N. Tiffney
Halictus albipes, *Bombus lucorum* R.A.P.
Ichneumonidae ♂:- 12/8/25.

Tenthredo arenata
Atalia ~~sp.~~, *Hydromorpha* ~~sp.~~, *Atalia* ~~sp.~~
Mellinus arvensis, *Crabro varus*
Halictus fuscipes
Tenthredo arenata
Ichneumonidae:-
 Rathdowney
 Queen 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

Syrphus: *Selandria serena* ♂♂ + ♀♀.

Ichneumonidae ♂: 5 spp.

Crabro caricum ♀ on *Angelica*.

Pompilus plumbeus ♂♂ + ♀♀ seen

" *gibbus* ♀ (?) seen.

Mellinus arvensis ♂♂ seen in woods.

Ichneumonidae

15/8/25.

Coast (dunes &

low clay cliffs)

at Glascarry,

N. of Cahore Pt.

Co. Wt.

A.S.

A glorious

sunny day,

but little doing!

Coast & glen

at N. end of

Courtown

demense

= Duffcarrig.

Co. Wt.

Apt. 15/8/25.

A.S.J.

Pompilus gibbus ♂ + ♀ at S. end.

" *plumbeus* ♂♂ + ♀♀.

Salix caudata ♂ + ♀.

Cerophala uncinata

Mellinus arvensis.

Crabro weeseali ♂.

" *pulvipes* ♂ at S. end.

Colletes picistylus 2 ♀♀ on

Hypochaeris & *matricaria*

along cliffs.

" *glaberrima* ♂ on *Calluna*

along cliffs.

Andrena gurganensis ♂ 2 + brood.

Halictus smaragdinus ♂ + ♀.

" *villosum* ♀♀ at N. + S.

Megachile versicolor var. *hibernica*

a much worn ♀ on *Rotula* at N. end.

Selandria serena 2 ♀♀ ✓ P.C.L.P.

Ichneumonidae ♂.

Ichneumonidae ♂.

16/8/25.

Coast (dunes,

cliff & ?) at

Arkinewing

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 duhaellei nest (of moss)
 amongst *Salix repens* - hollow
 of dunes.
Lichneumonidae ♂.

afternoon,
 16/8/25.
 Sand dunes
 at Old Church
 of
 Kilgorman
 3 miles S. of
 Kilnichol Pt.
 Co. Ux.
 A.T.J.

A promising
 place!

Large hemipteron = (Stenocryptus?)
 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
Halicetus rubicundus
 " *calceatus* } ♀♀
 " *albipes* } common or
 " *leucopus* 2 ♂♂. " } *regred.*
 " *villosulus* 1 ♂ " }
 " *punctatissimus* 1 ♂ " } R.C.L.P.

Andrena denticulata ♀ or *regred.*
Nomada rufipes ♂ or *regred.*

Sample: *Pristiphora melanocarpa* ♀ R.C.L.P.
 det. 6.IX.1932.
Athalia lineolata ✓ R.C.L.P.

Lichneumonidae ♂.

Pimpla alternans ♀ near to var. *kollhoffi*! *Fide* A. Roman, No. 67.

18/8/25.

Midday best.
 Dull, warm,
 with a little sun.

Deputy's Pass
 C. WI. ASD.
 S. end, E. side.

Very good ground!

Mellinus arvensis ♀.

Crabro varius.

Sphecodes
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

Johannowichia ♂?

19/8/25.

Roadside +
woods by river
& lake, near
Meth Carr,
S. Jan

alt. 671 ft.

C. WI.

W.S.

A dull sultry
day but
no real sun.

One of these forms to be
P. pectinipes! A.W.S. ✓ RCLP.
11/9/25.

Pompilus gittus 2 ♀♀; 1 seen. Taken at N. end of
dunes near mouth of
river!
" pectinipes 1 ♀.
" plumbeus ♂♂ + ♀♀ abundant.

Ceropales maculatus abundant.

Mellinus arvensis ♂♂ + ♀♀ seen.

Crabro wesmali ♂♂ + ♀♀ common.

Salix caelata - ♀♀.

Colletes picistegia 2 ♀♀ on Matricaria
inodora.

Halictus rubicundus, fresh ♀ on Potentilla.

" albipes ♂♂

" calceatus ♀.

~~Andrena~~

2 Sawflies. Selandria seen ♀ + RCLP.
Pentamerus ♂♂.

Johannowichia ♂?

20/8/25.

A dull windy day!
Sand dunes
& edge of stream
behind same,
at Kilgorman,
Co. WX.
Old church
as before!

Crabro varius

Sphecodes
on angelica

Johannowichia ♂?

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 scitellatus ✓ RCLP.

21/8/25. Heavy S.W. wind from E. & N.E.

Salvia

Panphudon lugubris

Crataegus vagus ♂♂ & ♀♀

on limp.

" chrysostomus ♂♂.

" leucostomus ♀ at big stump.

Sphaerodes hyalinatus ♂

" affinis ♂. ^{with along} railway!

Halictus ruficinctus ♂♂ & ♀♀.

" albipes ♂♂.

" calceatus ♂♂.

" frugiperda ♂♂.

" tumidus ♂

" punctatissimus ♂?

" leucopus

Andrena fulvipes ♂♂ along my cutting.

Ichneumon ridae ♂?

Ceropales maculatus, common.

Pompilus plumbeus, abundant.

" gittus

Ichneumon ridae ♂?

22/8/25.

11 till 2 p.m.

Very hot sun

after damp

morning.

"Meeting of the
Water"

i.e. railway &c.

for 1/2 mile N. of

same.

Co. WI. ASD.

Afternoon. 22/8/25

Dull no real sun
but hot.

Sand dunes at S.
end of Butler Bay
Co. WI. ASD.

23rd August 1925.

11 AM till 2.30 PM.

Sand dunes &c.

at Arkintony,
S. of Arklow Hd.

Co. WI.

ASD.

- Salix* ♂ (? *caudatus*) seen.
- Pompilus ruficornis* large ♀.
- Meloboris arvensis* ♂♂ & ♀♀.
- Prenulus pallipes* 2 ♂♂.
- Pompilus* *leptus*
- " "
- Coelocentrus rufus* ♂ seen
- " *ir-maculatus* ♀.
- " *varius* ♀.

- Verpa vulgaria* ♀♀. ✓
 - " *rufa* ♀♀ & ♂♂.
 - " *austriaca* ♂♂ common
 - " *norvegica* ♀♀ ^{on laurel}
 - " *refracta* ♀♀.
- 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
Crommore (w. bank) &
S. of cross road to
Castle Howard.
C. W. ASD.

- Halictus rubicundus* ♂♂ & ♀♀ (old & fresh!)
- " *calceatus* ♂♂ & old ♀.
- " *albipes* ♂♂ & fresh ♀.
- " *peggyseni* ♂♂.
- " *lativentris* 1 ♂.
- " *villosum* ♂ & ♀.
- " *nitidiusculus* ♂?
- " *leucopus* ♂♂ & ♀♀.
- " *tumulosus* ♂♂ & ♀♀. ✓

- Sphecodes* ♂♂ & ♀♀.
- " 2 ♂♂ 1 ♀.
- Andrena germana* 2-brood, ♀♀
- " *denticulata* ♀ on ^{on Leontodon!} Ragwort.

Ichneumonidae ♂?

Orgilus sp. ♂. ASD. 26/12/22

24/8/25
(cont.)

"Meeting of the
Water"
cont.

Pompilus nigerrimus ♀. at 4.
Ceropalus maculatus ♂♂ at 4+5.
on Angelica at 5.
Mellinus arvensis. ♂♂ + ♀♀.
Crabro varius
 " *vagus* ♂ on Angelica at 5.
 " *chrysostomus* ♂♂ + ♀. at 1.
(♂ + ♀ = sp. n. log!)
Colletes glaucum 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!

Ichneumonidae ♂.

25/8/25.

Banks of
 Arnonmore
 below Clara
 Bridge
 Co. WI. A.S.
 nos. as before
 but '5' = S. bank
 of river!

A hot sunny
 day with
 keen wind!

Pompilus nigerrimus ♀ at 1
Salix caullata ♀♀ at 2.
Mellinus arvensis ♂♂ + ♀♀ at 1+2.
Crabro varius at 1+2.
 " *IV-maculatus* at 2.
Verpa 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 *rupestris* ♂ at 1
 " *compertus* ♀ (fresh) at 1.

Ichneumonidae ♂ (mostly at 1, on Angelica).

Pimpla instigator ♂ at 2 (on island - rim!).
on Angelica!

Cynipid ♂. 25/8/25

Althia ♂

Afternoon,
 25/8/25.

E. bank of Arnon
 River below
 Arnona to
 near Wooden-Dr.

- 1 = below Arnon
 entrance to
 Ballyrathun.
- 2 = N. end of golf
 links at
 Wooden bridge.

26/8/25. A very hot misty day with local sun only.

Drove to Antrim, Sheena bog, over by Sheena more, Cappage, Asthaskagh 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* ♂
- Stenomacrus felleator* ♂♀

- Mellicope curvicauda* ♂♂
- Crabro varius* ♀
- Halicta rubicunda* ♀ fresh on *Scabiosa*.
- Ichneumonidae*.

Morning: hot sun, very windy
27/8/25. A.S.
Drumgoff, Glenmalur, Co. WI.
most taken on lime trees
at S.E. side of old barracks.

- Myrmica melanoccephala* ♀ with red head!
Running on grass at N.E. corner of large
hedge hole moraine above ford.
- Crabro* ? sp. A *Crabro* seen at same
place as last, larger than *C. varius*
& ? seemed blacker!
- Ichneumonidae* 2 spp.

Mid day, only 5 minutes
sun after arrival!
27/8/25. A.S.
Moraine above ford at
Baravore
Glenmalur, Co. WI.
- *C. palmipes* ♂♂, ♀♀ taken near
this place on 24.7.27.

- Leptothorax acervorum* ♀♀ in stumps.
- Ichneumonidae* 2 spp.

Afternoon: sunny: 27/8/25. A.S.
Ballinatore, foot of Glenmalur.
Co. WI.
Field between road & river!

- Coelichneumon* ♂
- ♂ on *Angelica* at Ballyraine by
railway near Antrim, Co. WI.
- Aft. 27/8/25.

Pompilus plumbeus ♂♂ + ♀♀. at 1.
 " ^{gibbus ♂ at 1.}
Ceropalus maculatus ♂♂ + ♀♀. at 1.
Hellinus arvensis ♂♂ + ♀♀ at 1.
Crabro varius ♀ at 3.
 " *podagricus* 1 ♀ on *an. stica*
 near bridge at 3.

Colletes picistylina ♀ at 1.

Bombus jonellus ♂. at 3.

Tenthredinidae. 3 sp.

Euphydryx (allantus) cincta ♀ ✓ R.C.P. ♂

Pteronidea oligopila ♂ ✓ R.C.P. ♂

Ichneumonidae ♂. ^{large ones} most taken among st

Carex riparia by stream above Enoreilly obs.

Glypta minorator ♀ var. = *nigrotrochanterata* 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.

Agonia variegata ♀.

Crabro varius

" *vagus* 3 ♀♀.

Sphex affinis ♂ + ♀.

Halictus communis.

Megachile veniculator ♂

Ichneumonidae 7 spp.

Monday 29/8/25. Sunny!
 Ballyhenry quarry
 2 miles N. of Ashford, Co. WI.
 as before)

Crabro varius

Ichneumonidae 7 spp.

Ichneumon latrator v. *means* ♀.

Wed. 30/8/25. Some sun.

Glanding, Co. WI side.

near Blessington! cont.

Tenthredinidae

Fenusa debilis ♂ + ♀

at 1. 29/8/25.

Collected by R. A. Phillips.

- Halictus fuscicornis* 3 ♂♂.
- " *calceatus* 1 ♂.
- " *albipes* 4 ♂♂ 2 ♀♀.
- " *nitidiusculus* 1 ♂.
- " *tumulozum* 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*

Ichneumonoides ♂.

Maryborough
Rucous Co.
R. A. P.
25/8/25.

Abbey Lee
R. Co.
R. A. P.
27/8/25.

- Orthocentrus arcuata*.
- Halictus rubicundus* 2 ♂♂, 1 ♀.
- " *calceatus* 2 ♂♂.
- " *villosulus* 2 ♂♂.
- " *tumulozum* 2 ♂♂, 1 ♀♀.
- " *nitidiusculus* 1 ♂.

- Sphexodes divinus* 1 ♂.
- Ichneumonoides* ♂.

-
- 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* ♂.

"*Agaricus* S. of,
Mil Kenny.
2/9/25.

R. A. P.

Maryborough,
R. Co.
R. A. P. 19/20/8/25.

Collected by H. A. Phillips

- Vespa rufa* 1 ♂
- Crabro rufus* 2 ♀♀
- Hylaeus* 1 ♀
- Sphexoides divinus* 1 ♂
- Halictus rubicundus* 1 ♂
- " calceatus* 2 ♂♂, 1 ♀
- " albipes* 13 ♂♂
- " villosulus* 1 ♂
- Bombus agrorum* 1 ♂ 1 ♀
- very fresh & ♀ very small.
- " agrorum & muscorum* ♂ each.
- Tenthredo arcuata*
- Athalia lineolata*
- Schneumida* ♂
- Alomyia debellator* *Spilichneumon occisorius* 3 ♂♂

Killbuckney
 (along railway,
 in little marshy
 valley about 4
 mile from
 the town)

R. A. P. 6/9/25

- Vespa rufa* ♀
- Crabro rufus* 1 ♀
- " chrysostomus* 1 ♂ 1 ♀
- Sphexoides divinus* 1 ♂
- Halictus rubicundus* 2 ♀♀, very fresh.
- " calceatus* 1 ♂
- " albipes* 1 ♂ 2 ♀♀
- " tumulosus* 1 ♀
- Bombus agrorum* 1 ♀, very small.
- Apis mellifica* v. *ligurica* 1 ♀
- Athalia lineolata* 2 ♀♀
- Schneumida* ♂
- Alomyia debellator*, *Pimpla instigator* 1 ♀
- Spilichneumon occisorius* 1 ♂

near Killbuckney
 R. A. P.
 8/9/25

Crabro varius ♂♂ + ♀♀, common.

Halictus rubicundus ♂♂ abundant.

1 old ♀ seen entering burrow!

" *calceatus* ♂♂.

" *albipes* ♂♂.

" *pepperoni* ♂♂.

" *leucopus* ♂♂, ♀ seen.

" *tumalorum* ♀, ♂ seen.

Podiceps marshamella ♀ 2 = brood

on Rap weed!

Athalia lineolata common.

Phaenocarpa ♂.

seen
at 9th station
at 4th station
at 1st station
at 2nd station
at 3rd station
at 4th station
at 5th station
at 6th station
at 7th station
at 8th station
at 9th station
at 10th station
at 11th station
at 12th station
at 13th station
at 14th station
at 15th station
at 16th station
at 17th station
at 18th station
at 19th station
at 20th station
at 21st station
at 22nd station
at 23rd station
at 24th station
at 25th station
at 26th station
at 27th station
at 28th station
at 29th station
at 30th station
at 31st station
at 32nd station
at 33rd station
at 34th station
at 35th station
at 36th station
at 37th station
at 38th station
at 39th station
at 40th station
at 41st station
at 42nd station
at 43rd station
at 44th station
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at 81st station
at 82nd station
at 83rd station
at 84th station
at 85th station
at 86th station
at 87th station
at 88th station
at 89th station
at 90th station
at 91st station
at 92nd station
at 93rd station
at 94th station
at 95th station
at 96th station
at 97th station
at 98th station
at 99th station
at 100th station

Deerpark,
Brossart
(along river)
G. W. A. S.
13/9/25.

A glorious day
after frosty
night,
nothing out till
12 to 1 p.m.
Flies very bad!

River bank by
Cypress Wood,
Glencree,
G. W.
G. W. S.
13/9/25.
Afternoon
sunny but windy.

Collected by J. A. Phillip.

Mellin. arvensis 497.

Halictus calceatus 107

" *punctatissimus* 107

Halictus rubicundus 107

Bombus agrorum 2070

" *lucorum* 107.

" *lapidarius* 107.

Vespa vulgaris 1 ♀.

Halictus calceatus 3070.

Phaenocarpa ♂ & ♀.

Graiguenough
G. W. A. S. 24/9/25.

Blandon Mt. G. W. A. S. 24/9/25

New Ross
G. W. A. S. 20/9/25.

Phaenocarpa ♂ & ♀.

Graiguenough
G. W. A. S.

24/9/25.

Collected by R. A. Phillip.

Templemore, N. Tippin. 17/7/25.

- Andrena grisea* ♀, 4.
- Megachile centuncularis* ♀, ^{R.C.L.P.} *Pittypus campestris* ♂, very fresh
- Allantus arcuatus*, *Pteronidea salina* ♀
- 8-10-25

Spanish Point, Co. Clare. 13/7/25.

- Zethenia*

Gardiner's Hill, E. Cork. July 1925.

- Halictus tumulorum* ♀ ✓
- Euphytes (allantus) pallidus*

Rathdowney, L. Co. 13/8/25. *Pristiphora pallidinervis* ✓ R.C.L.P.

- Pristiphora padi* ✓
- 6-8-25

Corkbeg, E. Cork. N.A.P. July 1925.

Leucostictus

Leucostictus

Bloomrose, Co. Clare. N.A.P. 30/6, 25.

Andrena subopaca ♀

Lanis, Co. Clare, N.A.P. 7/7/25.

- Crabrochrysostoma* ♂
- Halictus* ♀
- Leucostictus*

Collected by J. N. Halbert - 1925.

Pemphredon laticornis

"

Halictus albipes ♂♂

" calceatus ♂♂

"

Bombus hortorum 1 ♂ 2/8/25.

Tenthredinidae.

Selandria sericea (R.C.) ♂

S. flavum 2 ♀♀ & R.C. ♂

Taxonus glabratus & "

Alaba laticornis & "

Pachyremata chitellata (R.C.) ♂ & ♂ - ♂♂ of ♂♂ ♂♂

" diaphana & " Abies ...

" rufus & " Empetrum caespitosum

Ichneumonidae ♂

Wexford district

28th July till 2nd August.

J. N. H. cont.

Vespa rufa 2 ♂♂ 4/1/1

Halictus calceatus ♂♂

" albipes ♂♂

" freygessneri 2 ♂♂

Andrena scitana 1 worn ♀

Bombus lucorum 2 ♂♂

one dark, one very yellow.

" distinguendus 1 ♂

Prithyrus barbatus 1 ♀

Tenthredinidae

Selandria sericea (R.C.) ♂

Taxonus glabratus & "

Alaba laticornis & "

Pachyremata chitellata (R.C.) ♂ & ♂

" diaphana & " Abies ...

" rufus & " Empetrum caespitosum

Ichneumonidae ♂

Killarney district.

22nd August till 6th Sept.

NB. 22nd, 24th August.

1st Sept. 2nd & 6th obs.

= 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. Loosacarnagh L.

(on road to Kenmare, above upper lake!)

Collection from Killarney District sent
by E. J. Bullock.

Bombus lucorum, B. terrestris (rarer) B. hortorum,

B. lapidarius, B. derhamella ♂♀ 1♀,

B. agrorum, B. muscorum, B. jonellus 1♀.

Pithecolinus rupestris 2♂♂, P. barbatellus,

P. campestris dark form ♂♀, 4♂♂, 1♀ (black small).

Megachile versicolor 1♀. H. 26-7 22.

Sphecodes divinus 2♂♂ + 1♀.

" affinis 1♀.

Halictus calceolus, H. freyermueri 1♂, H. albipes

H. rubicundus.

Andrena albicans; A. gynana "June '22" (? 1st brood!)

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.

Pemphredon lugubris

Gorytes mystaceus, Myrmica spinoza .♀.

Odynerus triparsciatus.

" spinipes 1♂ (var. R.C.L.P.) "7-24"

" parietinus, O. sinuatus.

Phygadeuon

Crabro tibialis, C. cetratus "8-23"

C. chrysostomus, C. curipon, C. v. maculatus.

C. rufus.

Pasaliscaus nimbicoma.

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. Glenside 9.6.25 ♂. Baily 3.6.25 [J. N. H.]

Stromboscerus delicatulus. Glencree 7.6.25 ♂ + 2 ♀

Empria (Pocillosoma) liturata Ell. Glenside 9.6.25

Toxonus glabratus St. Anne's 5.7.25. Killarney 26.8.25. Wexford 29.7.25. Portlaoise 6.6.25

Athalia lineolata Riverstown 1.6.25. Clara 5.7.25. N. York 28.6.25. Sullin 26.6.25. Deputy's Pass 21.6.25
10.8.25 18.8.25

Dargle 8.7.25. Drin's Glen 14.6.25. Duman 26.7.25. Hoptonbeg 21.6.25. Arklow D 25.8.25. Cork bog - 7.25. Rathdowny 13.8.25. Courtown 11.8.25. Mountmellick 22.8.25. Abbeyleix 27.8.25. Kilkenny 6.9.25.

A. ligens. Dargle 8.7.25. Smerilly 9.8.25. Wexford 29.7.25. Mount Bulla 12.8.25

Pteronidea vibexi. Clara 10.8.25 ♂. Templemore 17.7.25 ♀. Ballinastor R.D. 13.6.25 2 ♀

" *melanaspis* Mayfield 30.7.25

Pachynematus clitellatus (♂ = *P. xanthocarpus* Jauch.) St. Anne's 12.7.25. Ballycarin N. D. 23.6.25

Wz. 20.8.25. Wexford 30.7.25. Horth Downe. 20.6.25. Baily 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 Rathdowny 13.8.25. Clontarf 31.5.24. Kilkenny 4.9.25

P. ruficornis Arklow D 8.8.25.

Pachynematus ronicis St. Anne's 17.6.25. Baily 3.6.25. Kilkenny 15.6.25. J. N. H.

" *obductus* Kilkenny R.A.P. 6.9.25. St. Anne's 17.6.25. Baily 3.6.25

P. vagus 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. oligopila ♂ Arklow D 20.8.25

Dmicura tolaeifera ♀ Drin's Glen 14.6.25

Pontania leucosticta ♂ Wp. Glenside 9.6.25

Trichocampus eradicatus ♂ Clontarf 31.5.24

Priophorus padi. Portlaoise 6.6.25. Portmarnock 1.6.25. E.O.M. St. Anne's 10.6.25. Rathdowny 18.8.25

Cladius fructivornis var ♂ Cloghoge 14.11.25. 28.6.25

" 2 ♀ ? *difformis* Abbeyleix 27.6.25. Gardiner's Hill July.25

Rhagoletis aucupariae Mull. 2.6.25. Baily 3.6.25. J. N. H.

Toxonus equiseti Glenside 14.8.25

Tomostethus luteiventris 3 ♀ Ballymarnock 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

Pachyprotasio antennata ♀ 1. Clara 12.7.25.

P. rufae N. Ballinastor R.D. 14.6.25.

Allanthis arcuata Powerscourt 19.6.25. Arklow D. 2.8.24. 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. Poolbeg 25.7.25. Dargle 22.7.25

" *livida* Rathdowny G.F. 19.6.25. Deputy's Pass 21.6.25. Powerscourt 19.6.25. St. Anne's 10.6.25. Powerscourt 11.6.25. N. Clara 28.6.25. Portlaoise 6.6.25. Drin's Glen 14.6.25. Cork bog - 7.25. Horth Downe 20.6.25

Stria sericea Mount Bulla 12.8.25. Wexford 29.7.25. Killarney 4.9.25

Tenthredo ferruginea Clara 5.7.25. Rathdowny G.F. 19.6.25. Torr. Mt. 28.8.25.

" *atra* ♀ ♂ Lix Lp. 13.6.25. N. Ballinastor R.D. 14.6.25.

Arge fuscipes 1 ♀ Deputy's Pass 21.6.25

" *caerulescens* ♂ Mount Bulla 12.8.25

Dolerus gelsneri. Powerscourt. 7.6.25. ~~Wexford~~ Wp. Glenside 9.6.25

D. brinaculatus 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. York 29.6.25

D. nigralis Clonmel 10.6.25

1926.

Loderia vestigiaria var hibernica Ballybetagh 24.6.25 10. Powerscourt 7.6.25 30
Dolerus aeneus Powerscourt 7.6.25 Keir Liff 13.6.25 Portmarnock 1.6.25 Glencree 7.6.25
W. Glencree 9.6.25 Glencree 28.6.25 Kilbarrick 4.6.25 North D 20.6.25

Pamphylus holorus ? Drilo's Glen 14.6.25

Loderus palmatus Powerscourt 7.6.25

Holococeros lucida Duillies 2.6.25 Royal Canal Liffey Junction 16.6.25

Tenthredo tenuis Rocky Valley 7.6.25 Keir Liff 13.6.25 J.N.H.

Teuthrodopsis coquebertii var opus 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

North D. 20.6.25 Ballylurg N. of Clara 28.6.25 Kilbarrick 15.6.25 J.N.H. 31.5.24 E.O.14

Croesus rarus ? Killarney 20.6.25 J.N.H.

Teuthrodopsis palliata var. N. Clara 28.6.25

T. colon var nigri ventris Enslin Keir Liff 13.6.25

Emphytus carpini Weaford 31.7.25 J.N.H.

Teuthrodopsis picticeps or flavomarginata var ? Kilbarrick 31.5.24

" compressaria N. Ballinacorney R.O. 14.6.25 R.O.

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, Andruis, 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 Trichiosoma frequent on trunks of
birch 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.

11th Feb. 1926

On 21.2.26 I obtained numerous ^{cocoons} pupae of a form from a rotten log at foot of Althore 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 ^{cigarettes} cigar 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. (Willows 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. G. 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 R. A. Phillips at Portlanna, S. Galway.
Ichneumon sarcitorus 1 ♀. *Ichneumon* of *proclivator*?
Chasmodon notatorius 2 ♀. *Phaenocarpa*? of ? 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. Went by train due Woodenbridge, Co. WI. at 11-15 AM. Many willows out at Greytown, Newcastle & other places along the line!
 Half-an-hour's 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 summit of Croghan, A. A. Liney found a dead but still warm adult *Hittya*!

In hollow (tunnelled) *Salix caprea* branch I found a large black ♀ *Ichneumon* ^{*lugens*} *hibernatus*; brought home alive!
 + A. A. L. also larvae which subsequently pupated & after a few days, on 5.4.1926, emerged as a ♀ *Ichneumon nemator* but see R.C.L.P. 7.2.21. for details

♀ of *Ichneumon* (*Chasmodon*) *lugens* taken in *Salix caprea* in Gold Mine Valley, Co. WI. 28.5.1926. Larva captured in museum till 28.5.1926. Larva of *Ichneumon* *proclivator*? pupated on 5.4.1926.

14/3/26. Vale of Arcoa & Woodenbridge (C. WI.)
Bombus lapidarius. 2 ♀♀ at Arcoa.
 " *lucorum* abundant at Woodenbridge, Arcoa.
 " *terrestris* 2 ♀♀ at Arcoa.
 " *hortorum* ♀♀ at Woodenbridge & Arcoa.
 " *jonellus* 1 ♀ on ♂ *Salix* S. of Arcoa.
 " *agrorum* ♀♀ at Woodenbridge (on *Celandine*) & Arcoa.
 " *muscorum* 1 ♀ at foot of *Monaghan* Valley, W. bridge.

Andrena procer ♂♂ at Woodenbridge & Arcoa.
 " *grypana* ♂ & ♀ at Arcoa (♀ on Daisy)
 " *minutula* ♂ (Others seen) at Arcoa 'on *Haydock*'

A wonderful day, mild, calm & with hot sun nearly all day: many willows already over. The only ♀ *Andrena* seen was the *grypana* captured at gravel bank S. of Arcoa, E. side of *Armadore*!

21/3/26. Magherabeg & valley of Three-mile River, S. of Ardmore Point, Co. WI. also *Vespa rufa* ♀ seen at Willow.

Bombus terrestris & *lucorum* ♀♀
Andrena grypana ♂ & ♀, sunning themselves on thuff.
 B. A very cold day with east winds: only one good sunburst for 1 hour. No *Andrena* ♂♂ seen at Willows, which were in full flower. The purpiceat ground along river & sandhills!

Also A.A. honey to be seen & subsequently hatched on 5.15.26 a. & ♀ empty. (C. g. *lucorum*)
 Also A.A. honey to be seen & subsequently hatched on 5.15.26 a. & ♀ empty. (C. g. *lucorum*)
 seen & heard
 Chiff-Chaff

28/3/26. The Dargle (upper end).
Halictus albipes. One ♀ on *Taraxacum* near sand pit by the river.
Nomada leucophthalma one ♀ " " " " " "
Bombus terrestris & *lucorum* ♀♀ rare: searching on *Salix*.
Apis on *Salix*.
 A mild day with misty sun turning to a drizzle after 3 p.m.
 No sign of ♂ *Andrena*, seen anywhere

31/3/26 & 1/4/26. The former was a dull day but on the latter the afternoon was warm & sunny.
 Castle town & Hill of *Monaghan* district, Co. Westmeath (WH).
 Only a few willows showing flower, most not out about boy S. of *Lunestown* House. No bees seen, not even a bumble, until train was moving out of *Castle town* station on second afternoon: then an apparently ♀ *Andrena* (like *nigroparva*) seen on *Dandelion* in cutting.

2/4/26. Magherabeg & Ardmore Point Co. WI. 12.30 till 3 p.m.
 A warm, sunny, day with gentle E. breeze.
Bombus lucorum, *terrestris* (at *Gyiza*), *hortorum* (at *Gyiza*), *muscorum* (in dune), & *agrorum* (at *Gyiza*) ♀♀ seen.
Andrena grypana ♀ seen at same spot as on 21/3/26.
 " *minutula* ♀, fresh, at same spot.
 Also one or two ♂ *Andrena* seen at distance: no sign of *Andrena* at Willows or *Blackthorn*: latter at best!

4/4/26. Easter Sunday. A most glorious day.

To Ballynascorney & home via Castledermot & near.

- 1. Waterloo Bridge, where road crosses Slaney, ^{4 miles} N. of Ballynascorney Co. WI.
- 2. Railway & near Slaney Park, 3 miles S. of Ballynascorney Co. WI.
- 3. Kildake side of gorge below Poulaphuca fall. Co. KD.

Bombus lucorum & terrestris at 2.

" zonellus on Willows at 1.

" lapidarius 1 ♀ at 2. ✓

" agrorum on Dandelion at 2.

" hortorum " " " "

Andrena albicans ♂♂ abundant at Salix at 1,

at gorge & at 2, & at Blackthorn at 3.

" clarkella 1 ♀, rather faded on willows at 1.

Dolerus nigripes ♂♂ on railway at 2. Others seen!

8 & 9/4/26. Hill of Mismagh & Lunestown district, Co. WI.

On both days there were some good sunny spells but no bees even seen, except Bombus lucorum & agrorum (the former common & the latter v. rare). There are some nice willows on the bog S. of Lunestown but otherwise the district is not attractive.

WILLOW WREN
at Hill of
Lunestown Hill.

9/4/26 1pm. till 4pm. Clonfinlough & Clonmacnoise, Co. KC.

Almost continuous very hot sun, but cold breeze from W. Spent an hour at Clonfinlough along sheltered hedge with fern, Blackthorn & Dandelion in bloom, but saw only Apis mellifica, B. lucorum & agrorum.

Later on "eskers" at Clonmacnoise I took:

B. lucorum, B. zonellus, B. agrorum (the two latter at Dandelion & the former mainly at willows) &

Andrena albicans 1 ♀ fresh at Dandelion on esker S. of abbey. ✓ SWALLOW.

NB. This district should repay working during June or July: also most beautiful!

Also taken at Clonmacnoise, with dead bees near

10/4/26. Found that on 8th A.A. Lacey had brought into

the museum a ♀ Salix ... emerged from a dark brown cocoon taken in bog in Salix caprea in field near Valley Co. WI. on 7/18/26.

Also a ♀, small, Andrena apicata, taken at Killadreenan near Dunree. ✓

(1) morning till 2pm (2) aft. till 4pm

11/4/26. Ballyhenry quarry & Killoughan channel, Co. WI.

Then 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.

" *nigrosana* 1 fresh, large, ♂ at 1.

" *grymans* 2 ♂♂ at 2.

" *justi* 1 fresh, large, ♂ at 1.

Halictus rubicundus ♀♀ at 1 & 2. ✓

" *calceatus* " " " on Bellis.

" *albipes* " " " " "

" *punctatissimus* 1 ♀ each at 1 & 2.

Sphex dimidiatus 1 ♀ at 2. R.C.L.P.

Nomada fabriciana ♂♂ & ♀♀, small, at 1. ? also seen at 2.

" *leucophthalma* 1 large ♀ at 1. ^{*Nomada 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.

Texterididae: *Dolerus* ^{*madidus*} ~~*foveipennis*~~ 3 ♂♂ at 1, over rushes. ✓ 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 nigrosana ♂♂ & ♀♀ abundant along avenue to Mr. Padian's house. ♀♀ seen gathering pollen repeatedly on *Senecio vulgaris*, & also at "Alexanders" (*S. Jusström*). ✓

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 arvensis ♀ seen above bridge.
Bombus lucorum ♀♀ & ♀♀ at willows & c. } ♀♀ all at

" *jonellus* ♀♀ & ♀♀ at willows & c. } willows!

" *hortorum* ♀♀ & *B. agrorum* ♀♀ at ground Ivy.

Andrena albicans ♂♂ & ♀♀ (abundant) at willow, & c.

A. rosae v. *arvensis* ♂♂ & ♀♀ at willows, reddish base to abd. *A. apicalis* 2 ♀ at willows R.C.L.P.

" *justi* ♂♂ only *A. praeceps* ♀♀ at willows. R.C.L.P.

" *nigrosana* ♂♂ & 1 ♀. ✓ HOUSE MARTINS!

" *minutella* 3 ♂♂ & 1 ♀ on bank ^{S. of} road.

[No *Halicti* seen at all!]

Sphex dimidiatus ^{R.C.L.P.} 2 small, light red ♀♀ with *A. minutella*.

Nomada ~~*leucophthalma*~~ 2 ♂♂ at willows

Lasius fuliginosus: a big colony entered road & stung on bank S. of road.

Also *L. niger*, *L. flavus*, *Myrmica scabrinervis* & *myrmica*

[but no *Formica fusca* seen.] Very nice ground!

Lanius ~~*calceatus*~~ 100 yds. above bridge on E bank of road.

18 & 19/4/26. Baginbun district, Co. CW.
Large willow in field 3 miles S. of B. & east of railway, near
Here latter is crossed by main rd. to Borris = (1).
Valley flowing S. to Sastkirryan = (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 *Dandelion* in
meadow 1/2 mile S.W. of 4.

Andrena praecox 2 ♀♀ at 1. ^{P.C.L.P.}

" *grymans* 2 ♂♂ on *Dandelion* 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!

Dolerus maculatus ^{R.C.L.P.} 1 ♂ at 2 on 18th inst.

Dolerus oblongus 1 ♂, 1 ♀ at 2 on 19th inst. ^{R.C.L.P.}

Ichneumon saritorius ♀ on *Dandelion* near Borris on 18th.

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 ♀ - usual "count" at 2.

" *albicans* ♂♂ & ♀♀ at 1, ♂♂ at 2 & 3.

" ♂ on *Sainfoin* (M.S.S.) flower at 2 (margin). ^{view}

Nomada mesochorella ♂ at 1

" sp. seen at 3. ✓

Dolerus migratus 1 ♀ on *rubus* below reservoir at 3. ^{R.C.L.P.}

Empria tridens 1 ♂. One caught, several seen, in *low* below

Killogan, on bank of ♂.

Ichneumon & *Obracon* etc.

Agrotis can be collected in *glaberrima* sedge of A.M. Garrymore, near Fenagh
at 1 & 2 on 25/4/26.

27/4/26 (afternoon) Lower Glanasmole, Co. DU.

Below lower dam by river. 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. pavidus*!

Ichneumon. 1 ♂

Collected by R.A. Phillips

- 11/4/26. Ennistymon, Co. CL. *Andrena albicans* ♂♂ + ♀♀ ✓
- A. cineraria* 2♂♂ 1♀. *Lasius* ? *flavus* ✓
- 12/4/26. Ennistymon, Co. CL. *Andrena albicans* ♂♂. *Nomada bifida* 2♂♂
- 19/4/26. Oa. Blackthorn, Rathdowney, 2. Co. *A. albicans* + *A. nigraesca* ♂♂ ✓
- 14/4/26. Lisdoonvarna, Co. Clare. *Andrena cineraria* R.A.P. ✓

- 25/4/26. Ennis, Co. Clare. R.A.P. ✓
- Lasius niger* ♀♀ *Salix fusca* 1♀. *Empis tridens* ✓ R.C.L.P. 1♂
- Andrena albicans* ♂ + 3♀♀. *Halicta rubicunda* 1♀.
- H. albipes* 1♀. *H. calceata* 1♀. *H. tumulorum* 3♀♀.
- H. freygessneri* 2♀♀. *H. smecthemella* 2♀♀, brought.

- 24/4/26. Kiburch, Co. Clare. R.A.P. ✓
- Andrena albicans* 4♂♂ + *A. jaechi* 1♂ in blackthorn.

- 26/4/26. Near Kenagh, N. Tippy. R.A.P.
- Nomada goodeniana* 4♂♂ 1♀. *N. marshamella* 4♂♂
- N. flavoguttata* ~~2♂♂~~ 1♂. *Andrena albicans* 3♂♂ 2♀
- Halicta rubicunda* 1♀. *H. albipes* 2♀♀. *H. calceata* 2♀♀
- H. freygessneri* 3♀♀. *H. tumulorum* 5♀♀. *H. nitidiuscula* 1♀
- Sphaerodes dimidiatus* ✓ R.C.L.P. 2 large ♀♀. *S. affinis* ✓ R.C.L.P. 1 large ♀
- Attraxodes teretricus* ✓

Spring Arklow Trip 1926.

- 28/4/26. Wet misty day: went to Arklow in late aft.
- 29/4/26. Misty day with some drizzle. Swept tent +^c N. of Kynoch's Point at Ferrybank + got a few beetles, Braconids, + 1 Chalcid on *Rosa spinosissima*. 1/2 a mile further north I found a very nice tree-bank on the cliffs + dug out of fresh turves 1♀ each of *Andrena nigraesca*, *Halicta rubicunda* + *H. smecthemella*. ♀♀ of *Bombus lucorum* seen.

L. 11. 10. 41. 11. 11. 29. 11. 26

- 30/4/26. Coast ^① from Kynoch's to ^② Bridge, S. of Ennecilly + back by road ^③. 10.0 till 2.0 morning: dull + rain + no sun till ca. 1.30, then hot. CORCORAN!
- Salix fusca* ♀ at 2. *Verpa rupe* at 3.
- Andrena jaechi* ♂♂ + 1♀ ✓. *sectis* on *Salix* 2 + 3.
- " *nigraesca* ♂♂ 2. ✓
- Bombus lucorum* ♀♀ + ♀♀. *B. jonellus* ♀♀ + ♀♀.
- B. terrestris* ♀♀ only. *B. agrorum* + *muscorum* ♀♀.
- Sarcophaga*. *Pontania viminalis* 1♀ ✓ R.C.L.P. at 3. Swept off hillside at 3 or on tent or bramble
- Blennocampa tenuicornis* v. *humeralis* (= *dehemillae*) ✓ R.C.L.P. 1 (♂) ♀♀. " " " " " "
- Lycocampa bisalis* ♂ var. ("face deficient - pale, legs - black markings") ✓ R.C.L.P. " " " " " "

249

30/4/26. Afternoon. To Woodentridge & back.

Some sun late in day but - only thin sun during early aft.

① = Monaghogue valley (part of) 1 1/2 miles S. of W.

② = marshy field by Railway below (N.) Glenast Castle.

Bombus lucorum ♀♀ + ♀♀. *B. jonellus* ♀♀ + ♀♀.

B. agrorum + *B. macron* ♀♀ only: all at 1.

Andrena albicans ♂♂ + ♀♀ at 1. ✓

Dolerus haematodes ♂ at 2. ^{✓RCLP.} *D. nigratus* ♂ at 2. ^{✓RCLP.}

D. palustris 3♂♂. ^{✓RCLP.} in field by railway at Glenast (1. & 2)

Empria tridens 2♂♂ ^{✓RCLP?} on zigzag road at 1.

Tomotethus luteiventris 1 ♀. ^{✓RCLP.} in meadows at 1.

ICHNEUMONIDAE. All at 2.

Pimpla buricovini, very small ♀ at 1. Fide A. Roman, No. 65.

How from 2

labelled

(A. Roman, No. 65)

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.

Maystrawberry: sandy cliffs + meadows.

Bombus lucorum ♀♀ + ♀♀. *B. hortorum* ♀♀ + ♀♀

with or Ground Ivy. *B. agrorum* ♀♀.

B. derhamellus 1 ♀. *B. jonellus* ♀. ✓

Andrena jaesi ♂♂. *A. rufocincta* 1 ♀.

A. wilkella 1 ♂ very fresh on Bluebells.

Halictus rubicinctus ♀♀ on Bellis etc.

H. calceolus 1 ♀ seen. *H. punctatissimus* 1 ♀.

Homada goodeniana 1 seen. *H. fabriciana* 1 ♀. ^{autographed, smashed, 3 specimens}

Dolerus nigratus 5 ♂♂♂♂ ^{✓RCLP.} March at foot of lane

Also *Dolerus aeneus* 1 ♂.

Ichneumonides

Alomyia debellator ♂♂ (red) common.

Pimpla ♂

Myrmica scabrinodis } on sand.

" } *Myrmica* ♀♀ } all specimens

(This ♀ has been identified by Denisthorpe (in lett. to A.W.S. 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. Treating of the Waters, Arcoa, Co. WI.

A bright sunny day with strong NNE wind.

- 1. Field by cross rd. to Lathford, W. of river
- 2. Ry. banks & fields S. of ^{C. Howard} 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* ♂♂ + ♀ (latter 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.

" *prospersus* ♀♀ at 3. ✓

" *tumulus* ♀ at 2.

" *leucopus* ♀ at 1

SWIFTS
at times.

Sphindus divinus ^{V.R.C.L.P.} ♀♀ at 1.

" *affinis* 1 ♀ ^{V.R.C.L.P.} at 1

Nomada goodenaria at 1.

" *marcanella* ♂♂ + ♀♀ at 1.

" at 1.

✓

Bombus lucorum, *terrestris*, *muscorum*, *terrestris*

agrorum ♀♀ only at 1 or 2.

Psithyrus barbatus 1 ♀ at 2.

Centredrionidae

Doleus nigratus 1 ♀ ^{V.R.C.L.P.} - 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.

- 1 *Tenthredinidae*
- 1 *Athalia lineolata* 1 ♀ ^{✓RCLP}
- 1 *Empria bidentata* 2 ♂♂, as before, up zigzag road. ^{✓RCLP}

2 *Ichneumonidae*

3/5/26. late afternoon 4.30 till 6.0 p.m.

Swampy field by railway opp. Stewart Castle W. of Arklow, Co. WI. (as before).

- 2 *Dolerus nigripes* 10 ♂♂ ^{✓RCLP}
- 2 *D. palustris* 1 ♂ ^{✓RCLP}

Dolerus

3.5.26

4/5/26. Glen W. of Killeary Bridge (on R. Slaney) Co. CW. till 12 till 2.0 p.m. Sunny, very hot.

- Bombus agrorum*
- Andrena albicans* ♂♂ & ♀♀
- A. praecox* 1 ♀ on willows.
- A. minutula* 1 ♂ ^{✓RCLP} & *A. saundersella* 2 ♂♂ on Bluebells.
- Halictus rubicundus* ♀♀ v-abundant.
- H. calceatus*, *H. freygessneri*, *H. punctatissimus*
- H. tumulorum* ♀♀
- Sphacodes divisa* ♀♀ ^{✓R.C.L.P.} & *S. affinis* large ♀♀ ^{✓R.C.L.P.} at burrows of *H. tumulorum*.
- Nomada bipida* ♀♀. *N. marshamella* ♂♂
- N. flavipunctata* 1 ♀
- Dolerus nigripes* 2 ♂♂ ^{✓RCLP} flying over rocks.
- Athalia lineolata* seen.
- Ichneumonidae*.

4/5/26 aft. 3 till 4 pm. getting dull some sun.
Ry. E. of ^{Ferns} Carrigrohane at bridge over R. Barrow,
Co. WX.

Bombus lucorum, *agrorum* & *lapidarius* ♀♀.

Andrena albicans ✓

Halictus rubicundus, *calceatus*, *freysenoi*
tumulorum & *nitidusculus* ♀♀.

Sphex divinus ♀ [*S. affinis* ♀ (?) seen].

Dolerus nigratus 1♂, ^{✓RCLP.} in rusty 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 48 hours.

The stumps were full of larvae & adult *Phaenocarpa*
bipunctata upon which the *Ichneumon* had
obviously been parasitic.

Collected by R.A.T. Phillips.

26/4/26. Nenagh, Co. NT. R.A.P.

Andrena albicans 1♀. *Andrena subopaca* ^{RCLP.} ✓ ♀

Nomada bifida 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♀ of *r. Section*.

Halictus calceatus 2♀♀. *H. alpestris* 2♀♀.

H. tumulorum 1♀. *H. leucopus* 1♀.

Nomada bifida 1♂. *N. marshamella* 12♂♂ 1♀.

N. flavoguttata 1♂.

Ichneumon

Spiders.

Holcoeneme
~~*Arctocentrus*~~ *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 carpinus* 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. wind, sun & flimsy sun till 2 p.m. then dull. Hawthorn 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 & r. rostrum) on Hawthorn.

" *nigrescens* 1 ♂ very fresh!

Halictus calceatus ♀♀ on *Sainfoin* ✓

" *freyceneri* ♀♀ on *Sainfoin*.

Nomada tipica 1 ♂ on *Dandelion* with continuous yellow buds.

" *marshamella* ♂♂ & ♀ on Hawthorn & *Dandelion*.

Sam. flies. *Lodrus vestigiatus* 1 typical ♂, swept from canal bank by bridge. ✓ R.C.L.P.

Hoplocampa pectoralis 1 ♂ 4 ♀♀. R.C.L.P. *H. crataegi* 1 ♂ 1 ♀ ✓ R.C.L.P. ^{Both on Hawthorn flowers.}

Ichneumonidae

Collected by R.A. Philley.

Maryborough, Q.Co. N.A. 7.5.26.

Andrena albicans 1 ♀, *A. sericea* 3 ♂♂ 1 ♀.

A. gwynnensis 1 ♀, *A. fucata* 1 ♂, *A. subopaca* 1 ♂ 2 ♀♀ of which 1 ♀ was stylized.

Halictus rubicundus 1 ♀, *H. calceatus* 2 ♀♀.

Tenthredinidae. *Phygadeuon* ^{VRCLP.} *anemoneae* 1 ♀

Tenthredopsis 1 ♀, *Monophadnus* ^{VRCLP.} *pallescens* 1 ♀ (= *albipes*).

Ichneumonidae

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 was stylized.

Halictus calceatus 2 ♀♀, *H. albipes* 2 ♀♀, *H. freyceneri* 1 ♀

H. tumulorum 2 ♀♀.

Tenthredinidae ✓

Tenthredo arenata 1 ♂. *Hoplocampa pectoralis* 1 ♀ ✓ R.C.L.P.

Ichneumonidae

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.D.

Andrena albicans ♂♂ + ♀♀ seen.

" *jaesti* ♀♀ seen.

CUCKOO!

" *fucata* ♂♂.

" *civierona* ♂♂ abundant on 'cliff' along river & just below fall, but most abundant in place where the water stops near fall: only 1♀ seen. all very fresh.

Deerpark, Powerscourt - cont. 16.5.26.

Andrena subopaca

Halictus rubicundus ♀♀ everywhere.

" *calceatus* ♀♀ "

" *frugiperda* ♀♀

" *leucopus* ♀♀

" *tumulosus* ♀♀.

Sphex monilicornis, ♀ at Saddy long-boys cliff by river. Another ♀ seen at same place, much smaller!

Nomada bipida ♂♂ + ♀♀.

" *rupicornis* 1♂

" *marshamella* ♀♀ common.

Bombus lapidarius ^{only on the hills} lucorum, agrorum, muscorum ♀♀; only workers seen were lucorum, a few.

Tenthredinidae 1

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 vestigiatus var. nov. 2♂♂ 1♀ ✓R.C.L.P.

Deerpark, Powerscourt cont. 16/5/26.

Ichneumonidae ♂

Ichneumon ...

Proctos ...

... 10 ...

The ...

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)

... 9 ...

25/5/26. ♀ Proctos ...

Trichogramma ...

Brachymeria ...

16/5/26. St. Anne's, Clontarf, Co. Du. P. O'Mahony.

Dolerus migrator 1♂ ^{✓RCLP} + 3♂♂ 3♀♀ ^{✓RCLP}. D. picipes 2♂♂ 1♀ ^{✓RCLP}.

18/5/26. Lifford, Co. Du. P. O'M.

Dolerus migrator 1♂ ^{✓RCLP}.

15/5/26. Killmucke, Co. Du. P. O'M.

Dolerus picipes 1♂ ^{✓RCLP}.

...

...

...

...

...

...

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} + R.C.L.P. H. crataegi 1♂ 1♀ ^{✓RCLP} all on flowers of Hawthorn.

Dolerus picipes 1♀ ^{✓RCLP} in lane.

" niger ♂♂ ^{✓RCLP} at Ash tree in field.

Tenthredella atra 1♂ ^{✓RCLP} at Lycamore tree in field hedge.

Emphytes cinctus ♂ seen in lane at Rosa spinosissima.

Ametastegia equiseti 1 (♂?) ^{✓RCLP}.

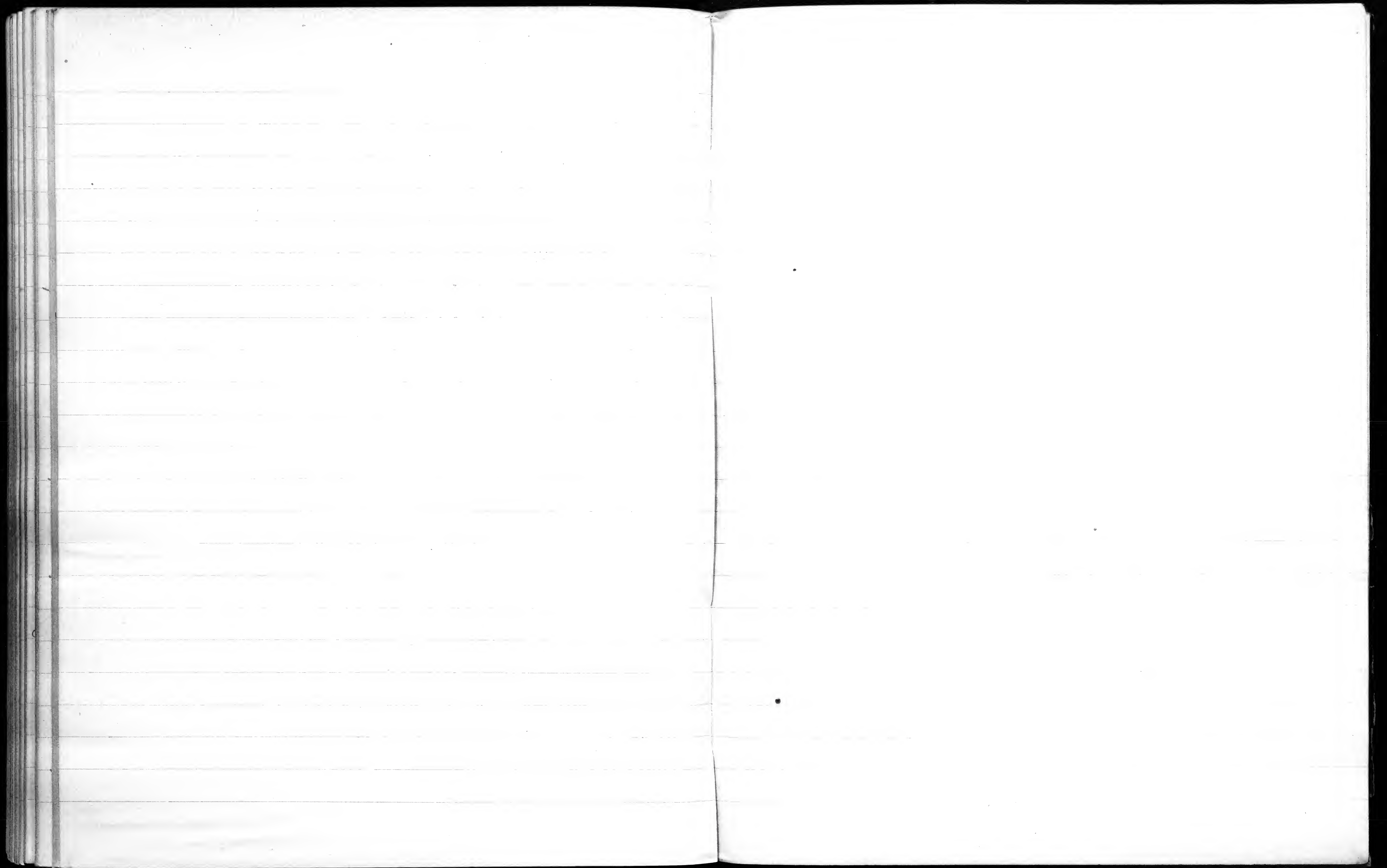
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11. 23

Redwood



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