

## Complete list of bycatch species for period 2018-2022 (October 2022)

### Introduction

This is the cumulative list of species caught in a moth trap as bycatch from a single location in South Uist, from 2018 to October 2022. (Sutton 2022). The list will be up-dated periodically.

Many invertebrate species are poorly recorded in the Outer Hebrides. A number of people run moth traps at various locations and examination of their bycatch would add considerably to our knowledge of the invertebrate fauna of those locations.

Robin Sutton

### Bibliography:

Sutton, R. (2022) Not just moths – the bycatch of a South Uist moth trap 2017-2022. *Hebridean Naturalist* 22: 40-45

Group	Type of invertebrate	Scientific name	Records
<b>Arachnida</b>			
	Harvestman	<i>Platybunus triangularis</i>	1
	Spider	<i>Araneus diadematus</i>	1
		<i>Segestria senoculata</i>	1
		<i>Tetragnatha extensa</i>	3
<b>Coleoptera</b>			
	Carabid	<i>Pterostichus nigrita</i>	1
		<i>Pterostichus strenuus</i>	1
	Carrion Beetle	<i>Nicrophorus humator</i>	7
		<i>Nicrophorus investigator</i>	35
	Chafer	<i>Serica brunnea</i>	1
	Diving Beetle	<i>Dytiscus semisulcatus</i>	1
	Dung Beetle	<i>Acrossus rufipes</i>	33
		<i>Bodilopsis rufa</i>	18
	Soldier Beetle	<i>Rhagonycha fulva</i>	1
	Weevil	<i>Otiorhynchus singularis</i>	4
		<i>Otiorhynchus sulcatus</i>	2
<b>Dermaptera</b>			
	Earwig	<i>Forficula auricularia</i>	21
<b>Diptera</b>			
	Anthomyid	<i>Hydrophoria linogrisea</i>	1
		<i>Pegoplata aestiva</i>	1
	Chironomid	<i>Chironomus plumosus</i>	1
	Crane-fly	<i>Dicranomyia didyma</i>	3
		<i>Dicranomyia modesta</i>	1
		<i>Dicranomyia ventralis</i>	1
		<i>Dicranophragma nemorale</i>	18
		<i>Erioptera fuscipennis</i>	1
		<i>Erioptera lutea</i>	2
		<i>Erioptera squalida</i>	2
		<i>Limonia nubeculosa</i>	1

2 OHBR Checklist: Moth Trap Bycatch Species

		<i>Nephrotoma cornicina</i>	2
		<i>Nephrotoma submaculosa</i>	1
		<i>Ormosia hederæ</i>	1
		<i>Phylidorea ferruginea</i>	3
		<i>Rhipidia maculata</i>	1
		<i>Tipula confusa</i>	4
		<i>Tipula lateralis</i>	1
		<i>Tipula luna</i>	3
		<i>Tipula oleracea</i>	12
		<i>Tipula paludosa</i>	24
		<i>Tricyphona immaculata</i>	11
	Dark-winged fungus gnat	<i>Schwenckfeldina carbonaria</i>	3
	Dungfly	<i>Scathophaga calida</i>	1
		<i>Scathophaga litorea</i>	1
		<i>Scathophaga stercoraria</i>	7
		<i>Scathophaga suilla</i>	5
	Fever Fly	<i>Dilophus febrilis</i>	2
	Fungus Gnat	<i>Paratinia sciarina</i>	1
	Gall-fly	<i>Trypeta zoe</i>	8
	Hoverfly	<i>Episyrphus balteatus</i>	1
		<i>Eristalis pertinax</i>	1
		<i>Leucozonia lucorum</i>	1
		<i>Melanostoma scalare</i>	8
		<i>Rhingia campestris</i>	5
		<i>Scaeva pyrastris</i>	1
		<i>Syrphus torvus</i>	1
	Kelp Fly	<i>Coelopa frigida</i>	19
		<i>Heterocheila buccata</i>	2
	Muscid	<i>Azelia zetterstedti</i>	1
		<i>Helina evecta</i>	1
		<i>Phaonia angelicae</i>	1
		<i>Phaonia errans</i>	1
	Rust Fly	<i>Chamaepsila rosae/nigricornis</i>	1
	Sciomyzid	<i>Hydromya dorsalis</i>	1
		<i>Ilione lineata</i>	1
		<i>Tetanocera robusta</i>	1
	Sepsid	<i>Orygma luctuosum</i>	2
	Snipefly	<i>Rhagio scolopaceus</i>	2
	Spiny-winged Fly	<i>Heteromyza commixta</i>	3
		<i>Tephrochlamys rufiventris</i>	1
	St Mark's Fly	<i>Bibio pomonae</i>	1
	Window Gnat	<i>Sylvicola cinctus</i>	7
		<i>Sylvicola punctatus</i>	21
	Winter Gnat	<i>Trichocera hiemalis</i>	2

		<i>Trichocera major</i>	1
		<i>Trichocera regelationis</i>	3
		<i>Trichocera sp.</i>	1
<b>Ephemeroptera</b>			
	Mayfly	<i>Caenis luctuosa</i>	12
		<i>Cloeon simile</i>	2
<b>Hemiptera</b>			
	Ground Bug	<i>Stygnocoris sabulosus</i>	1
	Leafhopper	<i>Evacanthus interruptus</i>	2
<b>Hymenoptera</b>			
	Braconid	<i>Aleiodes pictus</i>	1
		<i>Alysia sp.</i>	1
		<i>Clinocentrus sp.</i>	1
		<i>Homolobus infumator</i>	1
		<i>Homolopus infumator</i>	1
		<i>Zele deceptor</i>	2
	Ichneumon	<i>Cidaphus atricillus</i>	1
		<i>Enicospilus ramidulus</i>	3
		<i>Netelia inedita</i>	1
		<i>Netelia testacea</i>	1
		<i>Netelia vinulae</i>	5
		<i>Ophion inclinans</i>	4
		<i>Ophion obscuratus agg.</i>	25
		<i>Ophion perkinsi</i>	1
	Sawfly	<i>Dolerus aericeps</i>	1
		<i>Tenthredopsis coquebertii</i>	1
	Bumblebee	<i>Bombus pascuorum</i>	1
<b>Isopoda</b>			
	Woodlouse	<i>Porcellio scaber</i>	4
<b>Mollusca</b>			
	Slug	<i>Arion flagellus</i>	5
		<i>Deroceras invadens</i>	3
		<i>Deroceras laeve</i>	1
		<i>Deroceras reticulatum</i>	1
		<i>Tandonia sowerbyi</i>	1
<b>Myriopoda</b>			
	Millipede	<i>Cylindroiulus punctatus</i>	1
<b>Neuroptera</b>			
	Lacewing	<i>Micromus paganus</i>	2
		<i>Micromus variegatus</i>	3
<b>Odonata</b>			
	Damselfly	<i>Pyrrhosoma nymphula</i>	2
<b>Plecoptera</b>			
	Stonefly	<i>Nemoura cinerea</i>	11

Psocoptera			
	Barkfly	<i>Chilenoacaecilius ornatipennis</i>	1
Trichoptera			
	Caddisfly	<i>Agrypnia varia</i>	21
		<i>Athripsodes aterrimus</i>	1
		<i>Athripsodes cinereus</i>	11
		<i>Ceraclea fulva</i>	14
		<i>Halesus radiatus</i>	8
		<i>Lepidostoma hirtum</i>	9
		<i>Limnephilus affinis</i>	74
		<i>Limnephilus auricula</i>	1
		<i>Limnephilus elegans</i>	47
		<i>Limnephilus griseus</i>	1
		<i>Limnephilus hirsutus</i>	18
		<i>Limnephilus lunatus</i>	49
		<i>Limnephilus luridus</i>	8
		<i>Limnephilus marmoratus</i>	128
		<i>Limnephilus pati</i>	2
		<i>Limnephilus sparsus</i>	65
		<i>Limnephilus vittatus</i>	5
		<i>Mystacides azurea</i>	8
		<i>Oecetis furva</i>	13
		<i>Oecetis lacustris</i>	3
		<i>Oecetis ochracea</i>	27
		<i>Phryganea grandis</i>	32
		<i>Plectrocnemia conspersa</i>	95
		<i>Polycentropus flavomaculatus</i>	13
		<i>Polycentropus irroratus</i>	3
		<i>Stenophylax permistus</i>	33
		<i>Tinodes waeneri</i>	30