

Report on Moths and Butterflies caught in Finzean during 2014

Brian Stewart¹

Introduction

During 2014, a programme of moth and butterfly recording was carried out at various sites within Finzean. The attached appendices gives details of all species caught, their location, date caught, trapping method and other details. The survey was terminated during August due to unforeseen circumstances, but it is hoped that a follow-up programme will continue during 2015 in order to add moth and butterfly records.

The following appendices are attached:-

1. **Finzean Moth Species List 2014.** A summary of the 104 species caught or identified during 2014. (4 pages).
2. **Record of all moths caught during 2014.** Details of where the moths were caught, with the site name, grid reference, the date and methods used.(6 pages).
3. **Finzean Sites used for Moth Trapping or surveyed during 2014.** Identifies the ten primary sites with a brief description of the habitat on site.(1 page).
4. **Butterflies seen at Finzean during 2014.** A summary of the ten species seen during 2014. (1 page).

The moths caught and identified consisted of a mixture of the larger moths and those small moths usually described as “micros”. Many of the latter have a wingspan of only a few millimetres and can be difficult to identify down to species level. They do provide a challenge to the lepidopterist.

One record was of 2 flying adults of *Coleophora tamesis*. This species was identified as being new to the east coast of Scotland. These were caught by net at the start of the track to Peter Hill where there is rough pasture with scattered gorse.

A second exciting moth was also netted on the north facing slopes of Peter Hill at circa 1000 feet altitude. This was a day-flying moth called *Anarta myrtilli* with the delightful vernacular name of **Beautiful Yellow Underwing**. It was netted amongst the rich mixture of bell heather, blaeberry, cowberry and crowberry present on these slopes.

All of the rarer micro moths within this report have been reviewed and accepted by the Local Moth Recorders and Dr Mark Young, a recognised authority on British microlepidoptera.

The records from this survey will be forwarded to the North-East Scotland Biological Records Centre (NESBReC) which collates, manages and provides biological information for the North East of Scotland. Founded in 2000, NESBReC covers Aberdeenshire, Aberdeen City, Moray and the Cairngorms National Park . The records from this survey will, I am sure, be of value in showing the richness of this part of Scotland and Finzean in particular.

I would like to thank Finzean Estate for allowing me the opportunity to survey the lepidoptera and in particular Hedge and Mel Shand for their guiding hand re the Estate, and for tolerating a moth trap at the end of their garden!

¹ bistewart1@btopenworld.com

Appendix 1 A summary of the 104 species caught or identified during 2014.

Code	Taxon	Vernacular	Authority	Records	Individuals	Status
18	<i>Hepialus fusconebulosa</i>	Map-winged Swift	(DeGeer, 1778)	1	2	Local
294	<i>Aspilapteryx tringipennella</i>		(Zeller, 1839)	1	1	Common
385	<i>Anthophila fabriciana</i>		(Linnaeus, 1767)	1	30	Common
397	<i>Glyphipterix thrasonella</i>		(Scopoli, 1763)	1	1	Common
418	<i>Argyresthia conjugella</i>	Apple Fruit Moth	Zeller, 1839	1	1	Common
424	<i>Yponomeuta evonymella</i>	Bird-cherry Ermine	(Linnaeus, 1758)	4	420	Common
583	<i>Coleophora tamesis</i>		Waters, 1929	1	2	Local
584	<i>Coleophora alticolella</i>		Zeller, 1849	2	50	Common
648	<i>Endrosis sarcitrella</i>	White-shouldered House Moth	(Linnaeus, 1758)	1	1	Common
663	<i>Diurnea fagella</i>		([Denis & Schiffermüller], 1775)	3	15	Common
666	<i>Semioscopis avellanella</i>		(Hübner, 1793)	1	3	Local
688	<i>Agonopterix heracliana</i>		(Linnaeus, 1758)	2	2	Common
706	<i>Agonopterix nervosa</i>		(Haworth, 1811)	1	1	Common
787	<i>Bryotropha terrella</i>		([Denis & Schiffermüller], 1775)	1	1	Common
986	<i>Syndemis musculana</i>		(Hübner, 1799)	1	1	Common
1045	<i>Acleris notana</i>		(Donovan, 1806)	3	13	Common
1051	<i>Acleris logiana</i>		(Clerck, 1759)	1	1	Local
1111	<i>Bactra lancealana</i>		(Hübner, 1799)	1	1	Common
1136	<i>Epinotia immundana</i>		(Fischer von Röslerstamm, 1839)	1	8	Common
1212	<i>Rhyacionia pinivorana</i>	Spotted Shoot Moth	(Lienig & Zeller, 1846)	1	8	Common
1255	<i>Cydia ulicetana</i>		(Haworth, 1811)	1	6	Common
1293	<i>Chrysoteuchia culmella</i>	Garden Grass-veneer	(Linnaeus, 1758)	1	1	Common
1301	<i>Crambus lathoniellus</i>		(Zincken, 1817)	2	2	Common
1304	<i>Agriphila straminella</i>		([Denis & Schiffermüller], 1775)	3	25	Common

Code	Taxon	Vernacular	Authority	Records	Individuals	Status
1334	<i>Scoparia ambigualis</i>		(Treitschke, 1829)	4	11	Common
1365	<i>Pyrausta despicata</i>		(Scopoli, 1763)	1	1	Common
1386	<i>Opsibotys fuscalis</i>		([Denis & Schiffermüller], 1775)	1	1	Local
1392	<i>Udea olivalis</i>		([Denis & Schiffermüller], 1775)	1	1	Common
1637	<i>Lasiocampa quercus</i>	Oak Eggar	(Linnaeus, 1758)	2	3	Common
1638	<i>Macrothylacia rubi</i>	Fox Moth	(Linnaeus, 1758)	1	1	Common
1645	<i>Falcaria lacertinaria</i>	Scalloped Hook-tip	(Linnaeus, 1758)	2	4	Common
1648	<i>Drepana falcataria</i>	Pebble Hook-tip	(Linnaeus, 1758)	1	3	Common
1657	<i>Ochropacha duplaris</i>	Common Lutestring	(Linnaeus, 1761)	1	1	Common
1666	<i>Geometra papilionaria</i>	Large Emerald	(Linnaeus, 1758)	1	1	Common
1722	<i>Xanthorhoe designata</i>	Flame Carpet	(Hufnagel, 1767)	1	1	Common
1724	<i>Xanthorhoe spadicearia</i>	Red Twin-spot Carpet	([Denis & Schiffermüller], 1775)	2	3	Common
1727	<i>Xanthorhoe montanata</i>	Silver-ground Carpet	([Denis & Schiffermüller], 1775)	3	10	Common
1738	<i>Epirrhoe alternata</i>	Common Carpet	(Müller, 1764)	3	3	Common
1742	<i>Camptogramma bilineata</i>	Yellow Shell	(Linnaeus, 1758)	2	2	Common
1744	<i>Entephria caesiata</i>	Grey Mountain Carpet	([Denis & Schiffermüller], 1775)	1	15	Common
1747	<i>Anticlea derivata</i>	Streamer	([Denis & Schiffermüller], 1775)	2	2	Common
1750	<i>Lampropteryx suffumata</i>	Water Carpet	([Denis & Schiffermüller], 1775)	3	7	Common
1753	<i>Nebula salicata</i>	Striped Twin-spot Carpet	(Curtis, 1830)	1	1	Common
1756	<i>Eulithis populata</i>	Northern Spinach	(Linnaeus, 1758)	2	4	Common
1759	<i>Ecliptopera silaceata</i>	Small Phoenix	([Denis & Schiffermüller], 1775)	1	1	Common
1760	<i>Chloroclysta siterata</i>	Red-green Carpet	(Hufnagel, 1767)	2	5	Common
1761	<i>Chloroclysta miata</i>	Autumn Green Carpet	(Linnaeus, 1758)	2	3	Local
1764	<i>Chloroclysta truncata</i>	Common Marbled Carpet	(Hufnagel, 1767)	2	34	Common
1768	<i>Thera obeliscata</i>	Grey Pine Carpet	(Hübner, 1787)	1	2	Common
1773	<i>Electrophaes corylata</i>	Broken-barred Carpet	(Thunberg, 1792)	1	2	Common
1775	<i>Colostygia multistrigaria</i>	Mottled Grey	(Haworth, 1809)	2	32	Common
1776	<i>Colostygia pectinataria</i>	Green Carpet	(Knoch, 1781)	1	1	Common
1777	<i>Hydriomena furcata</i>	July Highflyer	(Thunberg, 1784)	1	2	Common

Code	Taxon	Vernacular	Authority	Records	Individuals	Status
1809	<i>Perizoma didymata</i>	Twin-spot Carpet	(Linnaeus, 1758)	1	1	Common
1817	<i>Eupithecia pulchellata</i>	Foxglove Pug	Stephens, 1831	1	1	Common
1828	<i>Eupithecia satyrata</i>	Satyr Pug	(Hübner, 1813)	1	2	Common
1834	<i>Eupithecia vulgata</i>	Common Pug	(Haworth, 1809)	3	8	Common
1846	<i>Eupithecia nanata</i>	Narrow-winged Pug	Prout, 1938	1	1	Common
1851	<i>Eupithecia virgaureata</i>	Golden-rod Pug	Doubleday, 1861	3	5	Local
1852	<i>Eupithecia abbreviata</i>	Brindled Pug	Stephens, 1831	2	3	Common
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug	(Haworth, 1809)	2	3	Common
1873	<i>Venusia cambrica</i>	Welsh Wave	Curtis, 1839	1	1	Local
1881	<i>Trichopteryx carpinata</i>	Early Tooth-striped	(Borkhausen, 1794)	3	90	Common
1887	<i>Lomaspilis marginata</i>	Clouded Border	(Linnaeus, 1758)	2	10	Common
1893	<i>Macaria liturata</i>	Tawny-barred Angle	(Clerck, 1759)	1	2	Common
1902	<i>Petrophora chlorosata</i>	Brown Silver-line	(Scopoli, 1763)	2	18	Common
1903	<i>Plagodis pulveraria</i>	Barred Umber	(Linnaeus, 1758)	2	2	Local
1917	<i>Selenia dentaria</i>	Early Thorn	(Fabricius, 1775)	2	3	Common
1926	<i>Phigalia pilosaria</i>	Pale Brindled Beauty	([Denis & Schiffermüller], 1775)	1	1	Common
1927	<i>Lycia hirtaria</i>	Brindled Beauty	(Clerck, 1759)	3	11	Common
1941	<i>Alcis repandata</i>	Mottled Beauty	(Linnaeus, 1758)	2	29	Common
1947	<i>Ectropis bistortata</i>	Engrailed	(Goeze, 1781)	3	24	Common
1954	<i>Bupalus piniaria</i>	Bordered White	(Linnaeus, 1758)	2	42	Common
1955	<i>Cabera pusaria</i>	Common White Wave	(Linnaeus, 1758)	1	1	Common
1961	<i>Campaea margaritata</i>	Light Emerald	(Linnaeus, 1767)	2	3	Common
1962	<i>Hylaea fasciaria</i>	Barred Red	(Linnaeus, 1758)	2	4	Common
1981	<i>Laothoe populi</i>	Poplar Hawk-moth	(Linnaeus, 1758)	1	1	Common
2006	<i>Pheosia gnoma</i>	Lesser Swallow Prominent	(Fabricius, 1777)	2	3	Common
2010	<i>Odontosia carmelita</i>	Scarce Prominent	(Esper, 1799)	2	5	Local
2060	<i>Spilosoma lubricipeda</i>	White Ermine	(Linnaeus, 1758)	1	2	Common
2078	<i>Nola confusalis</i>	Least Black Arches	(Herrich-Schäffer, 1847)	2	2	Local
2102	<i>Ochropleura plecta</i>	Flame Shoulder	(Linnaeus, 1761)	1	1	Common

Code	Taxon	Vernacular	Authority	Records	Individuals	Status
2118	<i>Lycophotia porphyrea</i>	True Lover's Knot	([Denis & Schiffermüller], 1775)	1	1	Common
2120	<i>Diarsia mendica</i>	Ingrailed Clay	(Fabricius, 1775)	2	6	Common
2123	<i>Diarsia rubi</i>	Small Square-spot	(Vieweg, 1790)	1	2	Common
2130	<i>Xestia baja</i>	Dotted Clay	([Denis & Schiffermüller], 1775)	1	1	Common
2138	<i>Anaplectoides prasina</i>	Green Arches	([Denis & Schiffermüller], 1775)	1	2	Common
2139	<i>Cerastis rubricosa</i>	Red Chestnut	([Denis & Schiffermüller], 1775)	1	3	Common
2142	<i>Anarta myrtilli</i>	Beautiful Yellow Underwing	(Linnaeus, 1761)	1	1	Common
2176	<i>Cerapteryx graminis</i>	Antler Moth	(Linnaeus, 1758)	1	1	Common
2179	<i>Panolis flammea</i>	Pine Beauty	([Denis & Schiffermüller], 1775)	1	2	Common
2187	<i>Orthosia cerasi</i>	Common Quaker	(Fabricius, 1775)	4	56	Common
2188	<i>Orthosia incerta</i>	Clouded Drab	(Hufnagel, 1766)	4	47	Common
2189	<i>Orthosia munda</i>	Twin-spotted Quaker	([Denis & Schiffermüller], 1775)	1	1	Common
2190	<i>Orthosia gothica</i>	Hebrew Character	(Linnaeus, 1758)	5	64	Common
2241	<i>Xylena vetusta</i>	Red Sword-grass	(Hübner, 1813)	1	1	Local
2258	<i>Conistra vaccinii</i>	Chestnut	(Linnaeus, 1761)	1	1	Common
2302	<i>Rusina ferruginea</i>	Brown Rustic	(Esper, 1785)	1	7	Common
2305	<i>Euplexia lucipara</i>	Small Angle Shades	(Linnaeus, 1758)	1	5	Common
2326	<i>Apamea crenata</i>	Clouded-bordered Brindle	(Hufnagel, 1766)	1	1	Common
2340	<i>Oligia fasciuncula</i>	Middle-barred Minor	(Haworth, 1809)	1	6	Common
2345	<i>Photedes minima</i>	Small Dotted Buff	(Haworth, 1809)	1	1	Common
2425	<i>Colocasia coryli</i>	Nut-tree Tussock	(Linnaeus, 1758)	2	21	Common
2441	<i>Autographa gamma</i>	Silver Y	(Linnaeus, 1758)	1	1	Migrant
2442	<i>Autographa pulchrina</i>	Beautiful Golden Y	(Haworth, 1809)	2	3	Common
2477	<i>Hypena proboscidalis</i>	Snout	(Linnaeus, 1758)	1	1	Common

Appendix 2 Details of where the moths were caught, with the site name, grid reference, the date and methods used

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
18	<i>Hepialus</i>	Map-	Laird's Burn	NO571909	92	2	21/06/14	1x125 MV	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
	fusconebulosa	winged Swift						Robinson Trap			
294	Aspilapteryx tringipennella		Spy Hillock	NO593911	92	1	14/06/14	Netted	Adult	Unknown	Determined by MRY
385	Anthophila fabriciana		Balnaboth	NO605930	92	30	22/09/14	Field record / observation	Adult	Not recorded	Nectering on ragwort and dandelion
397	Glyphipterix thrasonella		Spy Hillock	NO593911	92	1	30/06/14	Netted	Adult	Unknown	Determined by MRY
418	Argyresthia conjugella	Apple Fruit Moth	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
424	Yponomeuta evonymella	Bird-cherry Ermine	Bucket Mill	NO578912	92	200	22/07/10	Daytime observation	Adult	Breeding (confirmed)	Emerging from cocoons on cherry tree
424	Yponomeuta evonymella	Bird-cherry Ermine	Bucket Mill	NO578912	92	100	02/05/11	Field record / observation	Larval web	Breeding (confirmed)	Hundreds of larval webs on bird cherry (Prunus padus)
424	Yponomeuta evonymella	Bird-cherry Ermine	Woodend	NO582912	92	100	07/06/14	Daytime observation	Larval web	Breeding (confirmed)	Hundreds of webs containing larvae on Bird Cherry trees.
424	Yponomeuta evonymella	Bird-cherry Ermine	Spy Hillock	NO593911	92	20	14/06/14	Daytime observation	Larval web	Unknown	Abundant webs on Bird Cherry trees.
583	Coleophora tamesis		Spy Hillock	NO593911	92	2	14/06/14	Netted	Adult	Unknown	Identified on gen det by MRY. New for Eastern Scotland.
584	Coleophora alticolella		Corsedarder	NO599940	92	20	11/09/14	Field record / observation	Larval tube	Breeding (confirmed)	On seed heads of Juncus effusus (Soft Rush). Larvae markings confirmed species.
584	Coleophora alticolella		Blackhole Pool	NO605911	92	30	20/10/14	Field record / observation	Larval tube	Breeding (confirmed)	On seed heads of Juncus squarrosus (Heath Rush). Larval markings confirmed species
648	Endrosis sarcit-	White-	Woodend	NO582912	92	1	27/04/14	1x125 MV	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
	rella	shouldered House Moth						Robinson Trap			
663	<i>Diurnea fagella</i>		Woodend	NO582912	92	8	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
663	<i>Diurnea fagella</i>		Woodend	NO582912	92	6	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
663	<i>Diurnea fagella</i>		Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
666	<i>Semioscopis avellanella</i>		Woodend	NO582912	92	3	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MR Young
688	<i>Agonopterix heracliana</i>		Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
688	<i>Agonopterix heracliana</i>		Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	Netted near trap
706	<i>Agonopterix nervosa</i>		Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
787	<i>Bryotropha terrella</i>		Spy Hillock	NO593911	92	1	14/06/14	Netted	Adult	Unknown	Determined by MRY
986	<i>Syndemis musculana</i>		Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1045	<i>Acleris notana</i>		Woodend	NO582912	92	2	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1045	<i>Acleris notana</i>		Woodend	NO582912	92	6	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
1045	<i>Acleris notana</i>		Woodend	NO582912	92	5	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1051	<i>Acleris logiana</i>		Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1111	<i>Bactra lancealana</i>		Spy Hillock	NO593911	92	1	14/06/14	Netted	Adult	Unknown	Determined by MRY
1136	<i>Epinotia im-mundana</i>		Woodend	NO582912	92	8	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1212	<i>Rhyacionia pini-vorana</i>	Spotted Shoot Moth	Laird's Burn	NO571909	92	8	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1255	<i>Cydia ulicetana</i>		Spy Hillock	NO593911	92	6	14/06/14	Netted	Adult	Unknown	Determined by MRY
1293	<i>Chrysoteuchia culmella</i>	Garden Grass-ven- eer	Spy Hillock	NO593911	92	1	30/06/14	Netted	Adult	Unknown	
1301	<i>Crambus la-thoniellus</i>		Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1301	<i>Crambus la-thoniellus</i>		Spy Hillock	NO593911	92	1	14/06/14	Netted	Adult	Unknown	Determined by MRY
1304	<i>Agriphila straminella</i>		Bucket Mill	NO578912	92	10	28/07/14	Netted	Adult	Unknown	Abundant.
1304	<i>Agriphila straminella</i>		Laird's Burn	NO571909	92	10	26/07/14	Netted	Adult	Unknown	Abundant.
1304	<i>Agriphila straminella</i>		Spy Hillock	NO593911	92	5	30/06/14	Netted	Adult	Unknown	
1334	<i>Scoparia am-bigualis</i>		Laird's Burn	NO571909	92	6	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1334	<i>Scoparia am-bigualis</i>		Spy Hillock	NO593911	92	2	14/06/14	Netted	Adult	Unknown	Determined by MRY
1334	<i>Scoparia am-</i>		Old Quarry	NO588916	92	1	05/07/14	1x125 MV	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
	bigualis							Robinson Trap			
1334	Scoparia ambigualis		Peter Hill 1000'	NO591901	92	2	12/07/14	Netted	Adult	Unknown	Caught in area of re-generated heather following managed burning
1365	Pyrausta despicata		Spy Hillock	NO593911	92	1	14/06/14	Netted	Adult	Unknown	Determined by MRY
1386	Opsibotys fuscalis		Spy Hillock	NO593911	92	1	14/06/14	Netted	Adult	Unknown	Determined by MRY
1392	Udea olivalis		Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1637	Lasiocampa quercus	Oak Eggar	Laird's Burn	NO571909	92	2	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	2 females. Northern Eggar
1637	Lasiocampa quercus	Oak Eggar	Spy Hillock	NO593911	92	1	30/06/14	Field record / observation	Adult	Unknown	Northern Eggar. Female on C. vulgaris stem.
1638	Macrothylacia rubi	Fox Moth	Balnaboth	NO605930	92	1	22/09/14	Field record / observation	Larval	Breeding (confirmed)	
1645	Falcaria lacerinaria	Scalloped Hook-tip	Woodend	NO582912	92	3	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1645	Falcaria lacerinaria	Scalloped Hook-tip	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1648	Drepana falcataria	Pebble Hook-tip	Laird's Burn	NO571909	92	3	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1657	Ochropacha duplaris	Common Lutestring	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1666	Geometra papilionaria	Large Emerald	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
1722	Xanthorhoe designata	Flame Carpet	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1724	Xanthorhoe spadicearia	Red Twin-spot Carpet	Laird's Burn	NO571909	92	1	06/06/14	Netted	Adult	Unknown	
1724	Xanthorhoe spadicearia	Red Twin-spot Carpet	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1727	Xanthorhoe montanata	Silver-ground Carpet	Laird's Burn	NO571909	92	5	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1727	Xanthorhoe montanata	Silver-ground Carpet	Spy Hillock	NO593911	92	1	14/06/14	Daytime observation	Adult	Unknown	
1727	Xanthorhoe montanata	Silver-ground Carpet	Old Quarry	NO588916	92	4	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1738	Epirrhoe alternata	Common Carpet	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1738	Epirrhoe alternata	Common Carpet	Laird's Burn	NO571909	92	1	26/07/14	Netted	Adult	Unknown	
1738	Epirrhoe alternata	Common Carpet	Spy Hillock	NO593911	92	1	30/06/14	Netted	Adult	Unknown	
1742	Camptogramma bilineata	Yellow Shell	Spy Hillock	NO593911	92	1	14/06/14	Daytime observation	Adult	Unknown	Off gorse
1742	Camptogramma bilineata	Yellow Shell	Spy Hillock	NO593911	92	1	30/06/14	Netted	Adult	Unknown	
1744	Entephria caesiata	Grey Mountain Carpet	Peter Hill Summit Area	NO578886	92	15	12/07/14	Netted	Adult	Unknown	
1747	Anticlea derivata	Streamer	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1747	Anticlea derivata	Streamer	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
								Trap			
1750	Lampropteryx suffumata	Water Carpet	Woodend	NO582912	92	1	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1750	Lampropteryx suffumata	Water Carpet	Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1750	Lampropteryx suffumata	Water Carpet	Woodend	NO582912	92	5	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1753	Nebula salicata	Striped Twin-spot Carpet	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1756	Eulithis populata	Northern Spinach	Old Quarry	NO588916	92	3	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1756	Eulithis populata	Northern Spinach	Peter Hill 1000'	NO591901	92	1	12/07/14	Netted	Adult	Unknown	Caught in area of re-generated heather following managed burning
1759	Ecliptopera silaceata	Small Phoenix	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1760	Chloroclysta siterata	Red-green Carpet	Woodend	NO582912	92	4	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1760	Chloroclysta siterata	Red-green Carpet	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1761	Chloroclysta miata	Autumn Green Carpet	Woodend	NO582912	92	2	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1761	Chloroclysta miata	Autumn Green Carpet	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1764	Chloroclysta truncata	Common Marbled	Laird's Burn	NO571909	92	25	21/06/14	1x125 MV Robinson	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
		Carpet						Trap			
1764	<i>Chloroclysta truncata</i>	Common Marbled Carpet	Old Quarry	NO588916	92	9	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1768	<i>Thera obeliscata</i>	Grey Pine Carpet	Woodend	NO582912	92	2	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1773	<i>Electrophaes corylata</i>	Broken-barred Carpet	Woodend	NO582912	92	2	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1775	<i>Colostygia multistrigaria</i>	Mottled Grey	Woodend	NO582912	92	17	02/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1775	<i>Colostygia multistrigaria</i>	Mottled Grey	Woodend	NO582912	92	15	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1776	<i>Colostygia pectinataria</i>	Green Carpet	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1777	<i>Hydriomena furcata</i>	July High-flyer	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	Early record.
1809	<i>Perizoma didymata</i>	Twin-spot Carpet	Bucket Mill	NO578912	92	1	28/07/14	Netted	Adult	Unknown	
1817	<i>Eupithecia pulchellata</i>	Foxglove Pug	Old Quarry	NO588916	92	1	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1828	<i>Eupithecia satyrata</i>	Satyr Pug	Laird's Burn	NO571909	92	2	06/06/14	Netted	Adult	Unknown	Determined by MRY
1834	<i>Eupithecia vulgata</i>	Common Pug	Woodend	NO582912	92	2	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1834	<i>Eupithecia vulgata</i>	Common Pug	Woodend	NO582912	92	5	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1834	<i>Eupithecia vulgata</i>	Common Pug	Spy Hillock	NO593911	92	1	30/06/14	Netted	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
1846	<i>Eupithecia nanata</i>	Narrow-winged Pug	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1851	<i>Eupithecia virgaureata</i>	Golden-rod Pug	Woodend	NO582912	92	3	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1851	<i>Eupithecia virgaureata</i>	Golden-rod Pug	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1851	<i>Eupithecia virgaureata</i>	Golden-rod Pug	Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1852	<i>Eupithecia abbreviata</i>	Brindled Pug	Woodend	NO582912	92	2	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1852	<i>Eupithecia abbreviata</i>	Brindled Pug	Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug	Woodend	NO582912	92	2	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1873	<i>Venusia cambrica</i>	Welsh Wave	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1881	<i>Trichopteryx carpinata</i>	Early Tooth-striped	Woodend	NO582912	92	61	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1881	<i>Trichopteryx carpinata</i>	Early Tooth-striped	Woodend	NO582912	92	24	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1881	<i>Trichopteryx carpinata</i>	Early Tooth-striped	Woodend	NO582912	92	5	06/05/14	1x125 MV Robinson	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
								Trap			
1887	<i>Lomaspilis marginata</i>	Clouded Border	Laird's Burn	NO571909	92	2	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1887	<i>Lomaspilis marginata</i>	Clouded Border	Old Quarry	NO588916	92	8	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	Very common on this date and at this site.
1893	<i>Macaria liturata</i>	Tawny-barred Angle	Laird's Burn	NO571909	92	2	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1902	<i>Petrophora chlorosata</i>	Brown Silver-line	Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	Early record
1902	<i>Petrophora chlorosata</i>	Brown Silver-line	Woodend	NO582912	92	17	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1903	<i>Plagodis pulveraria</i>	Barred Umbler	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1903	<i>Plagodis pulveraria</i>	Barred Umbler	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1917	<i>Selenia dentaria</i>	Early Thorn	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1917	<i>Selenia dentaria</i>	Early Thorn	Woodend	NO582912	92	2	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1926	<i>Phigalia pilosaria</i>	Pale Brindled Beauty	Woodend	NO582912	92	1	02/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1927	<i>Lycia hirtaria</i>	Brindled Beauty	Woodend	NO582912	92	8	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1927	<i>Lycia hirtaria</i>	Brindled Beauty	Woodend	NO582912	92	2	27/04/14	1x125 MV Robinson	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
								Trap			
1927	<i>Lycia hirtaria</i>	Brindled Beauty	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1941	<i>Alcis repandata</i>	Mottled Beauty	Laird's Burn	NO571909	92	22	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1941	<i>Alcis repandata</i>	Mottled Beauty	Old Quarry	NO588916	92	7	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1947	<i>Ectropis bistortata</i>	Engrailed	Woodend	NO582912	92	16	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
1947	<i>Ectropis bistortata</i>	Engrailed	Woodend	NO582912	92	7	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1947	<i>Ectropis bistortata</i>	Engrailed	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
1954	<i>Bupalus piniaria</i>	Bordered White	Laird's Burn	NO571909	92	38	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1954	<i>Bupalus piniaria</i>	Bordered White	Old Quarry	NO588916	92	4	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1955	<i>Cabera pusaria</i>	Common White Wave	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1961	<i>Campaea margaritata</i>	Light Emerald	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
1961	<i>Campaea margaritata</i>	Light Emerald	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1962	<i>Hylaea fasciaria</i>	Barred Red	Laird's Burn	NO571909	92	2	21/06/14	1x125 MV Robinson	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
								Trap			
1962	<i>Hylaea fasciaria</i>	Barred Red	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
1981	<i>Laothoe populi</i>	Poplar Hawk-moth	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2006	<i>Pheosia gnoma</i>	Lesser Swallow Prominent	Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2006	<i>Pheosia gnoma</i>	Lesser Swallow Prominent	Woodend	NO582912	92	2	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2010	<i>Odontosia car- melita</i>	Scarce Prominent	Woodend	NO582912	92	4	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2010	<i>Odontosia car- melita</i>	Scarce Prominent	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2060	<i>Spilosoma lubri- capeda</i>	White Er- mine	Woodend	NO582912	92	2	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2078	<i>Nola confusalis</i>	Least Black Arches	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2078	<i>Nola confusalis</i>	Least Black Arches	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2102	<i>Ochropleura pecta</i>	Flame Shoulder	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2118	<i>Lycophotia por- phyrea</i>	True Lover's Knot	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2120	<i>Diarsia mendica</i>	Ingrailed Clay	Laird's Burn	NO571909	92	4	21/06/14	1x125 MV Robinson	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
								Trap			
2120	<i>Diarsia mendica</i>	Ingrailed Clay	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
2123	<i>Diarsia rubi</i>	Small Square-spot	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
2130	<i>Xestia baja</i>	Dotted Clay	Old Quarry	NO588916	92	1	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	Early record.
2138	<i>Anaplectoides prasina</i>	Green Arches	Laird's Burn	NO571909	92	2	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2139	<i>Cerastis rubricosa</i>	Red Chestnut	Woodend	NO582912	92	3	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2142	<i>Anarta myrtilli</i>	Beautiful Yellow Underwing	Peter Hill 1000'	NO591901	92	1	12/07/14	Netted	Adult	Unknown	Caught in area of re-generated heather following managed burning
2176	<i>Cerapteryx graminis</i>	Antler Moth	Balnaboth	NO605930	92	1	28/07/14	Field record / observation	Adult	Unknown	On flower head of ragwort on field margins.
2179	<i>Panolis flammea</i>	Pine Beauty	Woodend	NO582912	92	2	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2187	<i>Orthosia cerasi</i>	Common Quaker	Woodend	NO582912	92	19	02/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2187	<i>Orthosia cerasi</i>	Common Quaker	Woodend	NO582912	92	29	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2187	<i>Orthosia cerasi</i>	Common Quaker	Woodend	NO582912	92	6	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2187	<i>Orthosia cerasi</i>	Common Quaker	Woodend	NO582912	92	2	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
2188	Orthosia incerta	Clouded Drab	Woodend	NO582912	92	25	02/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2188	Orthosia incerta	Clouded Drab	Woodend	NO582912	92	17	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2188	Orthosia incerta	Clouded Drab	Woodend	NO582912	92	4	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2188	Orthosia incerta	Clouded Drab	Woodend	NO582912	92	1	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2189	Orthosia munda	Twin-spotted Quaker	Woodend	NO582912	92	1	02/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2190	Orthosia gothica	Hebrew Character	Woodend	NO582912	92	13	02/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2190	Orthosia gothica	Hebrew Character	Woodend	NO582912	92	39	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2190	Orthosia gothica	Hebrew Character	Woodend	NO582912	92	7	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2190	Orthosia gothica	Hebrew Character	Woodend	NO582912	92	4	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2190	Orthosia gothica	Hebrew Character	Woodend	NO582912	92	1	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2241	Xylena vetusta	Red Sword-grass	Woodend	NO582912	92	1	27/04/14	1x125 MV Robinson Trap	Adult	Unknown	
2258	Conistra vaccinii	Chestnut	Woodend	NO582912	92	1	09/04/14	1x125 MV Robinson Trap	Adult	Unknown	

Code	Taxon	Vernacular	Site	Grid Ref	VC	Qty	Date	Method	Stage	Status	Comment
2302	<i>Rusina ferruginea</i>	Brown Rustic	Laird's Burn	NO571909	92	7	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2305	<i>Euplexia lucipara</i>	Small Angle Shades	Laird's Burn	NO571909	92	5	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2326	<i>Apamea crenata</i>	Clouded-bordered Brindle	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2340	<i>Oligia fasciuncula</i>	Middle-barred Minor	Laird's Burn	NO571909	92	6	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2345	<i>Photedes minima</i>	Small Dotted Buff	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	Determined by MRY
2425	<i>Colocasia coryli</i>	Nut-tree Tussock	Woodend	NO582912	92	6	06/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2425	<i>Colocasia coryli</i>	Nut-tree Tussock	Woodend	NO582912	92	15	16/05/14	1x125 MV Robinson Trap	Adult	Unknown	
2441	<i>Autographa gamma</i>	Silver Y	Old Quarry	NO588916	92	1	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
2442	<i>Autographa pulchrina</i>	Beautiful Golden Y	Laird's Burn	NO571909	92	1	21/06/14	1x125 MV Robinson Trap	Adult	Unknown	
2442	<i>Autographa pulchrina</i>	Beautiful Golden Y	Old Quarry	NO588916	92	2	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	
2477	<i>Hypena proboscidalis</i>	Snout	Old Quarry	NO588916	92	1	05/07/14	1x125 MV Robinson Trap	Adult	Unknown	

Appendix 3 Finzean Sites used for moth trapping or surveyed during 2014

Site Name	Grid reference	Vice County	Habitat	Description
Finzean-Balnaboth	NO605930	92	Cultivated/disturbed land: arable	Balnaboth Farmshop and garden
Finzean-Blackhole Pool	NO605911	92	Grassland: marsh/marshy grassland	Man made pool in marshy grassland.
Finzean-Bucket Mill	NO578912	92	Woodland: mixed	Road leads through mixed woodland with small fields adjacent to road. Some buildings
Finzean-Corsedarder	NO599940	92	Woodland: coniferous: plantation	
Finzean-Laird's Burn	NO571909	92	Heathland	Grid Ref is point on road where track leads off across the River Feugh and up the Laird's Burn. Immediate habitat is Scots Pine, with understorey of Blaeberry and bracken.
Finzean-Old Quarry	NO588916	92	Quarry: disused	Old roadside quarry on Southern edge of Perciemuir Wood. Well vegetated and surrounded by mature birch.
Finzean-Peter Hill 1000'	NO591901	92	Heathland: montane heath/dwarf shrub	Grouse moorland at circa 1000' on Finzean Estate, Aberdeenshire. Contains areas of managed heather which includes <i>C. vulgaris</i> , bell heather, blaeberry, cowberry and crowberry.
Finzean-Peter Hill Summit Area	NO578886	92	Heathland: montane heath/dwarf shrub	Grouse moorland at 2011' in Finzean Estate, Aberdeenshire
Finzean-Spy Hillock	NO593911	92	Grassland: poor semi-improved	This area of grassland is pasture for cows. There is abundant gorse and numerous small plants.
Finzean-Woodend	NO582912	92	Woodland: mixed	Area of old birch and native woodland near Woodend Cottage

Appendix 4 Butterflies seen at Finzean during 2014

Code	Taxon	Vernacular	Site	Gridref	VC	Qty	Date	Method	Stage	Comment
1549	Pieris brassicae	Large White	Bucket Mill	NO578912	92	1	07/06/14	Field record / observation	Adult	Nectering
1551	Pieris napi	Green-veined White	Bucket Mill	NO578912	92	1	07/06/14	Field record / observation	Adult	Nectering
1551	Pieris napi	Green-veined White	Bucket Mill	NO578912	92	2	26/07/14	Field record / observation	Adult	
1593	Aglais urticae	Small Tortoise-shell	Bucket Mill	NO578912	92	7	26/07/14	Field record / observation	Adult	Field containing many marsh thistles near Bucket Mill.
1597	Inachis io	Peacock	Bucket Mill	NO578912	92	1	26/07/14	Field record / observation	Adult	Field containing many marsh thistles near Bucket Mill.
1629	Aphantopus hyperantus	Ringlet	Bucket Mill	NO578912	92	2	26/07/14	Field record / observation	Adult	Field containing many marsh thistles near Bucket Mill.
1561	Lycaena phlaeas	Small Copper	Woodend	NO582912	92	1	07/06/14	Field record / observation	Adult	
1551	Pieris napi	Green-veined White	Woodend	NO582912	92	3	07/06/14	Field record / observation	Adult	
1607	Argynnis aglaja	Dark Green Fritillary	Laird's Burn	NO571909	92	1	26/07/14	Field record / observation	Adult	
1551	Pieris napi	Green-veined White	Laird's Burn	NO571909	92	1	26/07/14	Field record / observation	Adult	
1551	Pieris napi	Green-veined White	Balnaboth	NO605930	92	3	07/06/14	Field record / observation	Adult	
1551	Pieris napi	Green-veined White	Balnaboth	NO605930	92	1	28/07/14	Field record / observation	Adult	
1629	Aphantopus hyperantus	Ringlet	Balnaboth	NO605930	92	2	28/07/14	Field record / observation	Adult	
1626	Maniola jurtina	Meadow Brown	Balnaboth	NO605930	92	2	28/07/14	Field record / observation	Adult	
1593	Aglais urticae	Small Tortoise-shell	Balnaboth	NO605930	92	3	28/07/14	Field record / observation	Adult	
1597	Inachis io	Peacock	Balnaboth	NO605930	92	1	22/09/14	Field record / observation	Adult	
1551	Pieris napi	Green-veined White	Spy Hillock	NO593911	92	3	14/06/14	Daytime observation	Adult	

Code	Taxon	Vernacular	Site	Gridref	VC	Qty	Date	Method	Stage	Comment
1629	Aphantopus hyperantus	Ringlet	Spy Hillock	NO593911	92	6	30/06/14	Field record / observation	Adult	
1627	Coenonympha pamphilus	Small Heath	Spy Hillock	NO593911	92	1	30/06/14	Field record / observation	Adult	
1590	Vanessa atalanta	Red Admiral	Corsedarder	NO599940	92	1	11/09/14	Field record / observation	Adult	At edge of coniferous woodland.