

## Devon Macromoth Flight Seasons - in taxon order

These tables have been created as follows:

1. The data are based on records from the the Devon moth database from 2000 to 2016 .
2. Species where there are fewer than 10 total records over this period are omitted.
3. Months where there are fewer than 2 records are omitted.
4. Record count is shown as High, Mid or Low for each species
  - High is  $\geq$  the square root of the maximum monthly record count.
  - Mid is  $\geq$  the square root of the High threshold value.
  - Low is  $<$  the Mid threshold value.
5. The 'Tetrads' column shows the number of 2km squares where the species has been recorded.
6. This table was created on 14/05/2017 by Phil Dean.

**KEY:**

Start = 2000  
End = 2016

Type =

Threshold 1 =

Threshold 2 =

Macromoths

10

2

Low =

Mid =

High =



Page 1		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
			29	43	74	188	317	410	426	395	280	151	88	43	531	
Triodia sylvina	Orange Swift	3.001					2	3	6	195	86	4			296	120
Korscheltellus lupulina	Common Swift	3.002					102	363	12	8					488	188
Korscheltellus fuscconebulosa	Map-winged Swift	3.003						35	33						68	40
Phymatopus hecta	Gold Swift	3.004					8	29	11						49	33
Hepialus humuli	Ghost Moth	3.005						181	173	16					371	187
Zeuzera pyrina	Leopard Moth	50.002						9	79	25					113	81
Sesia bembeciformis	Lunar Hornet Moth	52.003							17						18	14
Synanthedon tipuliformis	Currant Clearwing	52.013						22	3						25	15
Bembecia ichneumoniformis	Six-belted Clearwing	52.014						17	13	3					33	26
Pyropteron muscaeformis	Thrift Clearwing	52.016						27	6						33	20
Zygaena filipendulae	Six-spot Burnet	54.008					2	55	134	70	2				263	153
Zygaena trifolii	Five-spot Burnet	54.010					8	22	44	4					78	73
Falcaria lacertinaria	Scalloped Hook-tip	65.001				54	120	90	164	176					606	135
Watsonalla binaria	Oak Hook-tip	65.002				2	47	41	97	224	18				430	174
Watsonalla culttraria	Barred Hook-tip	65.003				2	16	4	12	28	4				66	48
Drepana falcataria	Pebble Hook-tip	65.005				22	137	137	250	335	3				885	235
Cilix glaucata	Chinese Character	65.007				19	78	90	172	262	29				650	184
Thyatira batis	Peach Blossom	65.008				6	85	447	501	159	24				1223	314
Habrosyne pyritoides	Buff Arches	65.009					3	410	1433	147	8				2001	349
Tethea ocularis	Figure of Eighty	65.010					28	246	64	2					340	142
Tethea or	Poplar Lutestring	65.011					2	6	4						12	5
Ochropacha duplaris	Common Lutestring	65.013				4	69	246	54	10					383	151
Cymatophorina diluta	Oak Lutestring	65.014								2	31	2			35	6
Polyploca ridens	Frosted Green	65.015			23	197	39								259	98
Achlya flavicornis	Yellow Horned	65.016		38	308	25									372	70
Poecilocampa populi	December Moth	66.001	77									9	236	453	776	108
Trichiura crataegi	Pale Eggar	66.002								35	112	2			149	56
Malacosoma neustria	Lackey	66.003						128	460	57					647	220
Eriogaster lanestris	Small Eggar	66.005			8	4									12	38
Lasiocampa trifolii	Grass Eggar	66.006								16	3				19	8
Lasiocampa quercus	Oak Eggar	66.007						4	72	237	5				319	204
Macrothylacia rubi	Fox Moth	66.008				3	55	126	11	2					197	152
Euthrix potatoria	Drinker	66.010					2	76	885	553	14				1531	403
Gastropacha quercifolia	Lappet	66.012						3	27	2					32	24
Saturnia pavonia	Emperor Moth	68.001			4	24	29		2						60	58
Mimas tiliae	Lime Hawk-moth	69.001				6	54	100	9	2					171	113
Smerinthus ocellata	Eyed Hawk-moth	69.002				6	90	293	69	2					461	192
Laothoe populi	Poplar Hawk-moth	69.003				20	318	719	819	143	3				2023	341
Agrius convolvuli	Convolvulus Hawk-moth	69.004						2	3	41	115	23			185	116
Acherontia atropos	Death's-head Hawk-moth	69.005								2	10	4			18	34
Sphinx ligustri	Privet Hawk-moth	69.006					48	350	207	11	3				620	206
Hemaris tityus	Narrow-bordered Bee Hawk-moth	69.008					47	42	2						92	23
Macroglossum stellatarum	Humming-bird Hawk-moth	69.010	7	8	21	22	22	176	150	125	127	55	16		729	307
Hyles livornica	Striped Hawk-moth	69.015					10	19	2	5	11				48	36
Deilephila elpenor	Elephant Hawk-moth	69.016					66	923	1059	133	3				2184	385
Deilephila porcellus	Small Elephant Hawk-moth	69.017					20	181	54	3					259	111
Idaea rusticata	Least Carpet	70.004						2	20	5					27	15
Idaea fuscovenosa	Dwarf Cream Wave	70.006					12	131	252	24	2				421	121
Idaea seriata	Small Dusty Wave	70.008					13	110	108	82	104				419	75
Idaea subsericeata	Satin Wave	70.009					20	171	42	42	15	2			292	85
Idaea sylvestraria	Dotted Border Wave	70.010					2	14	2	2					20	5
Idaea dimidiata	Single-dotted Wave	70.011						133	1050	615	60				1860	265
Idaea trigeminata	Treble Brown Spot	70.012					2	39	5						46	11
Idaea biselata	Small Fan-footed Wave	70.013					3	121	1676	1110	58	5			2973	363
Idaea emarginata	Small Scallop	70.015						2	31	17					51	15
Idaea aversata	Riband Wave	70.016					17	1026	2632	958	55	3			4692	403
Idaea degeneraria	Portland Ribbon Wave	70.017					8	10	3	13	23	3			60	16
Idaea straminata	Plain Wave	70.018						4	22	2					28	13
Scopula marginepunctata	Mullein Wave	70.023					51	133	115	241	129	2			672	142
Scopula imitaria	Small Blood-vein	70.024						78	307	57	58				501	178
Scopula immutata	Lesser Cream Wave	70.025					5	13	45	22					86	68
Scopula ternata	Smoky Wave	70.026						39	15						55	19
Scopula floslactata	Cream Wave	70.027				12	279	256	40	6					594	141
Timandra comae	Blood-Vein	70.029					50	624	408	540	127	22			1773	294
Cyclophora annularia	Mocha	70.031				10	34	21	40	74	2				181	57
Cyclophora albipunctata	Birch Mocha	70.032					6	16	10	7					40	21
Cyclophora puppillaria	Blair's Mocha	70.033						3	3	2		12			22	12
Cyclophora ruficiliaria	Jersey Mocha	70.034								6	3				10	4

Page 2		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
Cyclophora porata	False Mocha	70.035					3	3	5	8					21	5
Cyclophora punctaria	Maiden's Blush	70.036				8	74	57	49	210	68				467	138
Cyclophora linearia	Clay Triple-lines	70.037				5	51	114	109	59	10				348	135
Rhodometra saccharia	Vestal	70.038						10	17	88	179	166	19		480	136
Scotopteryx mucronata	Lead Belle	70.040					33	104	11						149	81
Scotopteryx luridata	July Belle	70.041					2	73	81	3					159	65
Scotopteryx bipunctaria	Chalk Carpet	70.043						5	23	11					39	16
Scotopteryx chenopodiata	Shaded Broad-bar	70.045					6	4	168	110	4				294	138
Orthonama vittata	Oblique Carpet	70.046					8	64	2	38	16				128	70
Nycterosea obstipata	Gem	70.047					11	7	20	30	17	60	26	4	175	74
Xanthorhoe fluctuata	Garden Carpet	70.049			5	90	418	661	480	578	592	177	10	2	3013	290
Xanthorhoe spadicearia	Red Twin-spot Carpet	70.051			2	170	642	127	662	995	40				2640	315
Xanthorhoe ferrugata	Dark-barred Twin-spot Carpet	70.052				25	105	30	203	252	12				627	123
Xanthorhoe designata	Flame Carpet	70.053				11	233	334	97	529	152				1356	278
Xanthorhoe montanata	Silver-ground Carpet	70.054				13	676	1143	91	12					1937	350
Catarhoe cuculata	Royal Mantle	70.056						33	147	18					198	103
Catarhoe rubidata	Ruddy Carpet	70.057					32	157	62	29					281	75
Camptogramma bilineata	Yellow Shell	70.059					20	197	292	267	100	2			878	253
Epirrhoe tristata	Small Argent & Sable	70.060					3	11	8						23	17
Epirrhoe alternata	Common Carpet	70.061				68	377	677	881	1366	413	9			3792	448
Epirrhoe rivata	Wood Carpet	70.062					2	119	161	31	5				319	75
Epirrhoe galiata	Galium Carpet	70.063				3	11	96	92	115	78				395	90
Euphyia biangulata	Cloaked Carpet	70.064						48	177	47	6				279	121
Euphyia unangulata	Sharp-angled Carpet	70.065					2	35	102	33	2				174	91
Earophila badiata	Shoulder Stripe	70.066		9	160	553	223	5							952	177
Anticlea derivata	Streamer	70.067				44	376	209	5						635	166
Mesoleuca albicillata	Beautiful Carpet	70.068				2	7	51	61	8					129	84
Hydriomena furcata	July Highflier	70.074						136	1375	799	65				2377	351
Hydriomena impluviata	May Highflier	70.075				8	136	160	3	2					309	135
Hydriomena ruberata	Ruddy Highflier	70.076				14	38	13							66	24
Pennithera firmata	Pine Carpet	70.077					4	39	106	37	21	56	13		278	95
Thera britannica	Spruce Carpet	70.079	4	3	8	62	187	208	115	43	72	231	116	20	1069	218
Thera obeliscata	Grey Pine Carpet	70.081			2	9	68	104	43	12	57	162	15	2	474	140
Thera cupressata	Cypress Carpet	70.083					17	71	35	2	10	79	32	5	253	54
Plemyria rubiginata	Blue-bordered Carpet	70.084						10	119	34					163	99
Cidaria fulvata	Barred Yellow	70.085						229	214	2					447	175
Electrophaes corylata	Broken-barred Carpet	70.086				9	202	351	18	2	3				585	195
Cosmorhoe ocellata	Purple Bar	70.087			2	8	256	506	230	707	302	3			2014	286
Eulithis prunata	Phoenix	70.089					6	34	230	92	5				368	171
Eulithis testata	Chevron	70.090						6	47	122	63				239	90
Eulithis populata	Northern Spinach	70.091						212	195	20	3				431	55
Eulithis mellinata	Spinach	70.092						12	5						17	10
Gandaritis pyraliata	Barred Straw	70.093					8	415	837	42					1302	277
Ecliptopera silaceata	Small Phoenix	70.094				62	354	212	567	882	108	2			2187	328
Chloroclysta siterata	Red-Green Carpet	70.095	12	4	29	75	144	35		3	125	472	287	60	1247	179
Chloroclysta miata	Autumn Green Carpet	70.096				4	3					12	2		25	17
Dysstroma truncata	Common Marbled Carpet	70.097			3	17	806	1547	266	336	1235	989	146	16	5362	400
Dysstroma citrata	Dark Marbled Carpet	70.098						9	106	245	77	13	4		454	97
Colostygia pectinataria	Green Carpet	70.100			2	35	835	1086	129	166	864	163	4		3284	372
Colostygia multistrigaria	Mottled Grey	70.101	6	12	86	92	5								201	66
Lampropteryx suffumata	Water Carpet	70.103		6	130	433	302	22	2						897	202
Lampropteryx otregiata	Devon Carpet	70.104				9	106	75	44	265	36				536	93
Operophtera fagata	Northern Winter Moth	70.105	2										14	18	34	8
Operophtera brumata	Winter Moth	70.106	399	67								9	98	369	945	137
Epirrita dilutata	November Moth	70.107									3	458	482	13	956	87
Epirrita christyi	Pale November Moth	70.108										89	37		126	15
Epirrita autumnata	Autumnal Moth	70.109									2	41	154	11	209	27
Asthena albulata	Small White Wave	70.111				23	151	52	68	102	2				398	127
Euchoeca nebulata	Dingy Shell	70.112					12	78	127	35	2				254	89
Hydrelia sylvata	Waved Carpet	70.113					4	161	197	12					374	87
Hydrelia flammeolaria	Small Yellow Wave	70.114						131	233	14					379	148
Venusia cambrica	Welsh Wave	70.115						3	17						20	8
Venusia blomeri	Blomer's Rivulet	70.116					11	21	43	2					77	29
Hydria undulata	Scallop Shell	70.121						41	233	39					313	116
Horisme vitalbata	Small Waved Umber	70.126				4	6	14	14	20					59	34
Horisme tersata	Fern	70.127					2	30	86	13	2				133	60
Melanthia procellata	Pretty Chalk Carpet	70.128					4	44	87	56	14				207	95
Odezia atrata	Chimney Sweeper	70.130					7	69	8						84	48

Page 3		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
Mesotype didymata	Twin-spot Carpet	70.131						12	44	32	4				93	69
Perizoma affinitata	Rivulet	70.132				10	161	453	350	179	10				1164	254
Perizoma alchemillata	Small Rivulet	70.133				8	34	177	445	152	3				819	232
Perizoma bifasciata	Barred Rivulet	70.134							9	13					23	26
Perizoma albulata	Grass Rivulet	70.137					7	19	17	2					45	21
Perizoma flavofasciata	Sandy Carpet	70.138				12	220	395	449	35					1111	239
Martania taeniata	Barred Carpet	70.139							13	2					15	3
Gymnoscelis ruffifasciata	Double-striped Pug	70.141	17	30	210	405	248	339	750	716	497	74	17	10	3313	322
Chloroclystis v-ata	V-Pug	70.142			5	79	183	97	618	177	10	2			1171	286
Pasiphila rectangulata	Green Pug	70.144					23	380	432	35					872	221
Pasiphila debiliata	Bilberry Pug	70.145						149	135						285	15
Eupithecia haworthiata	Haworth's Pug	70.146						31	78	13					123	46
Eupithecia tenuiata	Slender Pug	70.147					5	12	52	16					85	57
Eupithecia inturbata	Maple Pug	70.148							18	36					57	21
Eupithecia linariata	Toadflax Pug	70.150					3	23	54	20	7				107	61
Eupithecia pulchellata	Foxglove Pug	70.151				12	193	618	301	34	5				1163	252
Eupithecia plumbeolata	Lead-coloured Pug	70.153						25	11						37	11
Eupithecia venosata	Netted Pug	70.155				2	8	5							15	11
Eupithecia abbreviata	Brindled Pug	70.156		17	337	714	430	58							1556	190
Eupithecia dodoneata	Oak-tree Pug	70.157			3	117	241	46	6						413	139
Eupithecia phoeniceata	Cypress Pug	70.159							5	104	125	23			259	68
Eupithecia tripunctaria	White-spotted Pug	70.160				3	33	29	47	152	6				270	118
Eupithecia virgaureata	Golden-rod Pug	70.161				19	55	12	40	111	2				240	50
Eupithecia tantillaria	Dwarf Pug	70.162				2	38	18	3	2					63	40
Eupithecia lariciata	Larch Pug	70.163				2	9	9	5						27	24
Eupithecia simpliciatia	Plain Pug	70.166							19	3					22	17
Eupithecia nanata	Narrow-winged Pug	70.168				9	21	40	61	57	8				196	73
Eupithecia innotata	Angle-barred Pug	70.169					7	14	8	5					34	19
Eupithecia irriguata	Marbled Pug	70.170				34	11	8							53	37
Eupithecia indigata	Ochreous Pug	70.171				2	12	14							29	22
Eupithecia centaureata	Lime-speck Pug	70.173				2	35	97	134	189	40				499	124
Eupithecia intricata	Edinburgh Pug	70.176					25	134	14						175	62
Eupithecia absinthiata	Wormwood Pug	70.179				5	13	34	120	64					237	129
Eupithecia expallidata	Bleached Pug	70.180						6	5	9					20	12
Eupithecia valerianata	Valerian Pug	70.181						4	6	2					12	12
Eupithecia assimilata	Currant Pug	70.182				5	43	31	56	90	5				232	63
Eupithecia vulgata	Common Pug	70.183			2	55	610	678	62	33	2				1443	218
Eupithecia exiguata	Mottled Pug	70.184	2	3	7	165	235	24							436	125
Eupithecia icterata	Tawny Speckled Pug	70.187						5	14	80	13				113	71
Eupithecia succenturiata	Bordered Pug	70.188						6	14	8					28	25
Eupithecia subumbrata	Shaded Pug	70.189						17	5						22	10
Eupithecia subfuscata	Grey Pug	70.190			3	71	453	134	25						686	190
Aplocera plagiata	Treble-bar	70.192				7	34	37	6	77	59				220	87
Chesias legatella	Streak	70.195										15	5		21	10
Lobophora halterata	Seraphim	70.198					18	38	10						66	39
Pterapherapteryx sexalata	Small Seraphim	70.199				2	30	200	83	21					336	127
Acasis viretata	Yellow-barred Brindle	70.200			2	28	185	157	28	304	98	2			804	202
Trichopteryx carpinata	Early Tooth-striped	70.202	2		190	383	106								682	145
Archiearis parthenias	Orange Underwing	70.203			34	17									53	22
Abraxas grossulariata	Magpie	70.205						39	486	1167	98	3			1794	320
Abraxas sylvata	Clouded Magpie	70.206						8	37	14	2	2			63	26
Lomaspilis marginata	Clouded Border	70.207				7	79	666	1239	258	6				2257	349
Ligdia adustata	Scorched Carpet	70.208			5	87	181	193	288	276	12				1042	217
Macaria alternata	Sharp-angled Peacock	70.212				3	103	719	408	283	12				1528	295
Macaria liturata	Tawny-barred Angle	70.214				5	31	137	201	65	11				450	169
Macaria brunneata	Rannoch Looper	70.217						11							11	9
Petrophora chlorosata	Brown Silver-line	70.222				69	698	911	206	6					1892	302
Plagodis pulveraria	Barred Umber	70.223				19	259	135	7						421	101
Plagodis dolabraria	Scorched Wing	70.224					130	594	157	5					886	235
Pachycnemia hippocastanaria	Horse Chestnut	70.225		5	16	11	8	13	64	62	9				190	47
Opisthograptis luteolata	Brimstone Moth	70.226			4	370	1028	1109	1151	1982	1273	92	2	2	7014	485
Epione repandaria	Bordered Beauty	70.227						5	199	197	12				413	141
Pseudopanthera macularia	Speckled Yellow	70.229				24	176	85							286	126
Angerona prunaria	Orange Moth	70.230						103	59						163	43
Apeira syringaria	Lilac Beauty	70.231						130	101	6	10				247	105
Ennomos autumnaria	Large Thorn	70.232							17	401	378	24			821	213
Ennomos quercinaria	August Thorn	70.233							35	173	55				263	112
Ennomos alniaria	Canary-shouldered Thorn	70.234							4	79	24				107	47

Page 4		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
Ennomos fuscantaria	Dusky Thorn	70.235							34	428	416	18			896	218
Ennomos erosaria	September Thorn	70.236							38	137	87	6			268	65
Selenia dentaria	Early Thorn	70.237	8	10	369	704	246	39	1343	1004	60				3783	373
Selenia lunularia	Lunar Thorn	70.238				7	166	166	13	2					354	85
Selenia tetralunaria	Purple Thorn	70.239			18	148	66	16	267	204					719	208
Odontopera bidentata	Scalloped Hazel	70.240				51	798	561	19						1430	259
Crocallis elinguarua	Scalloped Oak	70.241						104	1278	266	6				1656	293
Ourapteryx sambucaria	Swallow-tailed Moth	70.243						131	955	83		2			1171	285
Colotois pennaria	Feathered Thorn	70.244								3	3	233	542	101	883	160
Alsophila aescularia	March Moth	70.245		90	510	350	8								959	173
Apocheima hispidaria	Small Brindled Beauty	70.246		11	20										31	14
Phigalia pilosaria	Pale Brindled Beauty	70.247	10	93	55	5	2								167	64
Lycia hirtaria	Brindled Beauty	70.248		4	42	498	252								798	154
Biston strataria	Oak Beauty	70.251		57	556	311	6								931	174
Biston betularia	Peppered Moth	70.252				33	357	915	971	137	4				2417	368
Agriopis leucophaearia	Spring Usher	70.253	20	129	35										184	53
Agriopis aurantiaria	Scarce Umber	70.254	4										42	102	150	23
Agriopis marginaria	Dotted Border	70.255	26	189	561	236	37						2	2	1054	165
Erannis defoliaria	Mottled Umber	70.256	158	12							2	65	105	160	504	98
Menophra abruptaria	Waved Umber	70.257			2	129	248	22		3					404	147
Peribatodes rhomboidaria	Willow Beauty	70.258					92	1213	1636	1209	393	73			4616	391
Deileptenia ribeata	Satin Beauty	70.264						40	287	87	17				433	108
Alcis repandata	Mottled Beauty	70.265					39	977	795	82	5				1900	332
Alcis jubata	Dotted Carpet	70.266						47	28						78	44
Ectropis crepuscularia	Engrailed	70.270		3	65	213	292	193	404	168	7	3	3		1351	206
Ectropis sp.	Small Engrailed	70.271					25	8							33	15
Paradarisa consonaria	Square Spot	70.272			2	68	124	55	8						258	77
Parectropis similaria	Brindled White-spot	70.273					55	312	51	4					424	77
Aethalura punctulata	Grey Birch	70.274				78	158	40	6						283	54
Ematurga atomaria	Common Heath	70.275				5	80	42	4						132	61
Bupalus piniaria	Bordered White	70.276						15	5						22	17
Cabera pusaria	Common White Wave	70.277				11	273	869	1070	284	9				2516	330
Cabera exanthemata	Common Wave	70.278				20	228	508	673	545	75				2050	297
Lomographa bimaculata	White-pinion Spotted	70.279				37	280	306	7						630	163
Lomographa temerata	Clouded Silver	70.280				8	197	961	679	35	3				1884	308
Theria primaria	Early Moth	70.282	7	105	87	12	2							2	216	75
Campaea margaritaria	Light Emerald	70.283					23	751	926	136	318	70			2226	336
Hylaea fasciaria	Barred Red	70.284					2	42	170	17					231	107
Charissa obscurata	Annulet	70.287						15	57	11					84	26
Cleorodes lichenaria	Brussels Lace	70.288					7	428	975	285	6	2			1703	307
Aspitates ochrearia	Yellow Belle	70.294				3	37	24	6	53	49				173	32
Perconia strigillaria	Grass Wave	70.295					11	62							74	11
Pseudoterpna pruinata	Grass Emerald	70.297						55	140	31					227	100
Geometra papilionaria	Large Emerald	70.299						56	442	53					551	174
Comibaena bajularia	Blotched Emerald	70.300						18	9						27	14
Hemistola chrysoptasaria	Small Emerald	70.302					4	33	178	15	4				234	125
Jodis lactearia	Little Emerald	70.303					73	383	122	7					588	128
Hemithea aestivaria	Common Emerald	70.305						368	1029	55					1454	284
Chlorissa viridata	Small Grass Emerald	70.306					5	8	2						15	6
Cerura vinula	Puss Moth	71.003				34	130	74	5						244	121
Furcula furcula	Sallow Kitten	71.005				5	41	39	53	208					348	166
Furcula bicuspis	Alder Kitten	71.006				4	31	18							55	38
Furcula bifida	Poplar Kitten	71.007						8	3						12	9
Stauropus fagi	Lobster Moth	71.009				4	56	431	150	2					643	228
Drymonia dodonaea	Marbled Brown	71.010				10	202	188	3						403	149
Drymonia ruficornis	Lunar Marbled Brown	71.011			11	304	238	13							566	169
Notodonta dromedarius	Iron Prominent	71.012				50	183	179	204	421	12				1050	300
Notodonta ziczac	Pebble Prominent	71.013				119	377	313	374	365	2				1552	326
Peridea anceps	Great Prominent	71.016				138	370	63							573	125
Pheosia tremula	Swallow Prominent	71.017				67	194	101	105	289	4				760	239
Pheosia gnoma	Lesser Swallow Prominent	71.018				98	250	122	157	350	17				995	209
Pterostoma palpina	Pale Prominent	71.020				66	220	162	173	400	5				1026	274
Ptilodon capucina	Coxcomb Prominent	71.021				8	59	206	518	353	15				1159	256
Phalera bucephala	Buff-tip	71.025				12	321	932	1145	66					2476	346
Clostera curtula	Chocolate-tip	71.027				36	115	6	32	33					222	90
Scoliopteryx libatrix	Herald	72.001	7	4	28	84	64	54	133	86	9	22	13	6	510	221
Rivula sericealis	Straw Dot	72.002					85	1063	689	1359	498	92	5		3792	393
Hypena proboscidalis	Snout	72.003					48	979	1332	563	1238	329	10		4500	407

Page 5		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
Hypena obsitalis	Bloxworth Snout	72.006	7	3	6	7	7	2	8	20	17	16	9	5	107	44
Hypena crassalis	Beautiful Snout	72.007					17	217	295	107	14	8	2		660	71
Leucoma salicis	White Satin Moth	72.009						6	19	3					28	20
Lymantria monacha	Black Arches	72.010							482	1016	120				1620	307
Euproctis chrysorrhoea	Brown-tail	72.012						3	142	26					171	62
Euproctis similis	Yellow-tail	72.013						6	152	121	9				288	84
Calliteara pudibunda	Pale Tussock	72.015				50	655	974	22						1703	312
Orgyia antiqua	Vapourer	72.017							24	46	63	21	2		156	113
Spilosoma lutea	Buff Ermine	72.019				6	263	2039	1969	407	22	3			4710	405
Spilosoma lubricipeda	White Ermine	72.020				48	641	1648	319	19	8				2684	350
Spilosoma urticae	Water Ermine	72.021						10	4						15	4
Diaphora mendica	Muslin Moth	72.022			4	392	1083	129	9	2					1621	211
Diacrisia sannio	Clouded Buff	72.023						53	11	3					67	35
Phragmatobia fuliginosa	Ruby Tiger	72.024				36	61	39	466	728	45				1376	331
Arctia caja	Garden Tiger	72.026						4	28	287	73				392	178
Arctia villica	Cream-spot Tiger	72.027				3	61	104	4						172	101
Callimorpha dominula	Scarlet Tiger	72.029					3	70	111						186	106
Euplagia quadripunctaria	Jersey Tiger	72.030						4	287	893	61				1245	250
Tyria jacobaeae	Cinnabar	72.031				11	108	312	134	9					574	210
Miltochrista miniata	Rosy Footman	72.035						40	1220	798	31	4			2094	294
Nudaria mundana	Muslin Footman	72.036						14	251	27					293	83
Thumatha senex	Round-winged Muslin	72.037						3	29	2					34	16
Cybosia mesomella	Four-dotted Footman	72.038					9	278	175	24	4				490	100
Lithosia quadra	Four-spotted Footman	72.041						18	311	352	68	25			775	142
Atolmis rubricollis	Red-necked Footman	72.042					2	44	26						72	53
Eilema depressa	Buff Footman	72.043						34	647	427	18	10	2		1138	225
Eilema griseola	Dingy Footman	72.044						33	1193	1393	79				2699	332
Eilema lurideola	Common Footman	72.045						111	2035	839	9				2996	362
Eilema complana	Scarce Footman	72.046						23	389	157	5				574	129
Eilema caniola	Hoary Footman	72.047						2	11	73	35				121	33
Eilema sororcula	Orange Footman	72.049				15	265	365	31						677	161
Herminia tarsipennalis	Fan-foot	72.053						3	339	1189	189	5			1726	283
Herminia grisealis	Small Fan-foot	72.055						25	516	630	91	3	2		1267	267
Hypenodes humidalis	Marsh Oblique-barred	72.060								33	17				50	5
Schrankia costaestrigalis	Pinion-streaked Snout	72.061						22	221	221	161	255	63	6	949	160
Schrankia taenialis	White-line Snout	72.062							20	104	32	11			168	64
Lygephila pastinum	Blackneck	72.063							6	16					22	9
Lygephila cracca	Scarce Blackneck	72.064									11	3			14	3
Phytometra viridaria	Small Purple-barred	72.067				5	10	14	38	6					74	36
Laspeyria flexula	Beautiful Hook-tip	72.069							157	404	54	6	3		624	176
Eublemma parva	Small Marbled	72.073							2	15					18	19
Catocala fraxini	Clifden Nonpareil	72.076									6	9			15	10
Catocala nupta	Red Underwing	72.078									30	79	14		124	71
Euclidia glyphica	Burnet Companion	72.083				2	84	80	3						169	71
Euclidia mi	Mother Shipton	72.084						39	41						82	64
Abrostola tripartita	Spectacle	73.001				39	304	756	780	730	80	4			2694	363
Abrostola triplasia	Dark Spectacle	73.002						20	66	120	85	49	4		346	126
Trichoplusia ni	Ni Moth	73.003							10	6	11	4			33	24
Macdunnoughia confusa	Dewick's Plusia	73.010									5	6	6		18	13
Diachrysis chrysitis	Burnished Brass	73.012						6	412	649	144	232	18		1462	304
Autographa gamma	Silver Y	73.015	8		9	46	246	636	952	1194	927	360	88	33	4500	530
Autographa pulchrina	Beautiful Golden Y	73.016						25	406	301	12	2			747	234
Autographa jota	Plain Golden Y	73.017							186	425	32				644	215
Plusia festucae	Gold Spot	73.022						20	64	55	129	25			293	138
Deltote pygarga	Marbled White Spot	73.024					2	62	631	575	35	7			1312	186
Deltote uncula	Silver Hook	73.026						4	17	2					24	10
Colocasia coryli	Nut-tree Tussock	73.032			28	320	380	64	630	498	2				1922	321
Diloba caeruleocephala	Figure of Eight	73.033											10		13	10
Moma alpium	Scarce Merveille du Jour	73.034						2	17	8					27	10
Acronicta alni	Alder Moth	73.036				12	101	241	15						370	156
Acronicta tridens	Dark Dagger	73.037								8	2				10	14
Acronicta psi	Grey Dagger	73.038						4	32	32	8				77	83
Acronicta aceris	Sycamore	73.039				3	14	58	124	7					206	87
Acronicta leporina	Miller	73.040						27	151	128	4				312	147
Acronicta rumicis	Knot Grass	73.045					77	168	211	404	504	27	2		1393	305
Subacronicta megacephala	Poplar Grey	73.046					5	26	138	197	31				398	181
Craniophora ligustri	Coronet	73.047				4	37	334	938	183	2				1499	323
Panemeria tenebrata	Small Yellow Underwing	73.048						28	15						44	36



Page 6		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
Cucullia umbratica	Shark	73.052					11	86	65	11					173	95
Cucullia chamomillae	Chamomile Shark	73.053				9	9								19	26
Cucullia verbasci	Mullein	73.058				44	83	18		2	3				152	100
Stilbia anomala	Anomalous	73.061								25	23				48	18
Amphipyra pyramidea	Copper Underwing	73.062							30	367	300	36			733	226
Amphipyra berbera	Svensson's Copper Underwing	73.063							20	83	72	9			184	87
Amphipyra tragopoginis	Mouse Moth	73.064							9	50	14				74	52
Asteroscopus sphinx	Sprawler	73.065										20	44		64	25
Allophyes oxyacanthae	Green-brindled Crescent	73.068									24	487	67		579	142
Xylocampa areola	Early Grey	73.069	2	29	668	875	133					2		2	1712	219
Pyrrhia umbra	Bordered Sallow	73.070				2	9	50	34	5					102	49
Heliothis peltigera	Bordered Straw	73.074					18	103	27	26	14				192	86
Helicoverpa armigera	Scarce Bordered Straw or Old World	73.076						9	4	46	69	41	15		185	77
Bryophila domestica	Marbled Beauty	73.084						7	36	60	4				108	71
Nyctobrya muralis	Marbled Green	73.085							166	183	28				379	142
Spodoptera exigua	Small Mottled Willow	73.087		3			6	47	64	66	30	9	4	5	236	84
Caradrina morpheus	Mottled Rustic	73.092					13	219	270	37	3	3			545	172
Caradrina kadenii	Clancy's Rustic	73.093							3		4	21			28	14
Caradrina clavipalpis	Pale Mottled Willow	73.095				5	37	97	100	60	218	65	2		585	152
Hoplodrina octogenaria	Uncertain	73.096					8	567	1562	346	22				2506	297
Hoplodrina blanda	Rustic	73.097					4	165	858	295	30				1353	267
Hoplodrina ambigua	Vine's Rustic	73.099				5	185	272	79	439	375	31	5		1391	171
Chilodes maritima	Silky Wainscot	73.100					3	19	21	10					53	22
Charanyca trigrammica	Treble Lines	73.101				15	784	959	29	3					1790	222
Rusina ferruginea	Brown Rustic	73.102			8	4	149	793	141						1095	191
Mormo maura	Old Lady	73.107						4	27	123	46				201	101
Phlogophora meticulosa	Angle Shades	73.113	4	6	29	73	168	199	65	366	589	351	48	21	1919	332
Euplexia lucipara	Small Angle Shades	73.114					80	713	491	25	11				1322	298
Helotropha leucostigma	Crescent	73.119							12	10					22	14
Eremobia ochroleuca	Dusky Sallow	73.120							22	7					31	16
Gortyna flavago	Frosted Orange	73.121								100	498	99			698	170
Hydraecia micacea	Rosy Rustic	73.123						2	108	742	631	138	5		1626	223
Amphipoea fucosa	Saltern Ear	73.126							7	5					12	9
Amphipoea lucens	Large Ear	73.127								16	3				19	14
Amphipoea oculea	Ear Moth	73.128							63	64	10				138	89
Luperina testacea	Flounced Rustic	73.131							17	641	591	18			1270	224
Rhizedra lutosa	Large Wainscot	73.134							5		31	74	7		118	65
Nonagria typhae	Bulrush Wainscot	73.136							14	43	15	3			75	50
Arenostola phragmitidis	Fen Wainscot	73.137							9	3					12	8
Lenisa geminipuncta	Twin-spotted Wainscot	73.139							5	29					35	22
Archanara dissoluta	Brown-veined Wainscot	73.141							12	21	2				36	17
Coenobia rufa	Small Rufous	73.142						4	127	160	5				296	112
Denticuclulus pygmina	Small Wainscot	73.144						2	53	436	284	16			792	172
Photedes minima	Small Dotted Buff	73.147							36	96	28				161	88
Globia sparganii	Webb's Wainscot	73.151							9	22	5				37	22
Apamea remissa	Dusky Brocade	73.154					9	190	87	9					295	138
Apamea epomidion	Clouded Brindle	73.155					9	83	55						147	73
Apamea crenata	Clouded-bordered Brindle	73.156				5	186	399	94	15					700	215
Apamea sordens	Rustic Shoulder-knot	73.158					19	20	3						42	30
Apamea unanimitis	Small Clouded Brindle	73.159					7	37	23	4					71	53
Apamea scolopacina	Slender Brindle	73.160					10	258	97						366	134
Apamea monoglypha	Dark Arches	73.162					21	867	2040	850	52	6	6		3845	418
Apamea lithoxyla	Light Arches	73.163					3	117	153	9					282	133
Lateroligia ophiogramma	Double Lobed	73.168						5	75	18					98	40
Mesapamea secalis	Common Rustic	73.169					2	38	919	1024	138	2			2123	311
Mesapamea didyma	Lesser Common Rustic	73.170						2	19	44	5				70	48
Litologia literosa	Rosy Minor	73.171							21	95	128	2			247	133
Mesoligia furuncula	Cloaked Minor	73.172						10	215	268	22				515	137
Oligia strigilis	Marbled Minor	73.173					96	582	408	17					1104	246
Oligia latruncula	Tawny Marbled Minor	73.174					5	39	26						70	27
Oligia versicolor	Rufous Minor	73.175					4	67	81	2					154	61
Oligia fasciuncula	Middle-barred Minor	73.176					59	675	159	11					904	231
Leucochaena oditis	Beautiful Gothic	73.178								13	36	19	2		70	9
Tiliacea citrargo	Orange Sallow	73.179								2	19	6			29	23
Tiliacea aurago	Barred Sallow	73.180								3	73	308	21		406	106
Xanthia togata	Pink-barred Sallow	73.181								9	347	139	2		497	136
Cirrhia icteritia	Sallow	73.182								4	161	127	5		298	93
Agrochola lychnidis	Beaded Chestnut	73.186					2				127	834	149	7	1121	156

Page 7		ABH #	J	F	M	A	M	J	J	A	S	O	N	D	Total	Tetrads
Taxon	Vernacular															
Agrochola litura	Brown-spot Pinion	73.187									6	13			20	6
Agrochola helvola	Flounced Chestnut	73.188								3	46	206	14		269	88
Agrochola lota	Red-line Quaker	73.189									33	494	152	15	694	148
Agrochola macilenta	Yellow-line Quaker	73.190	3								5	398	353	55	818	130
Agrochola circellaris	Brick	73.192								2	24	89	45	5	167	92
Omphaloscelis lunosa	Lunar Underwing	73.193						2		4	507	749	21		1284	170
Conistra vaccinii	Chestnut	73.194	162	363	551	331	36	2		4	23	268	192	51	1983	192
Conistra ligula	Dark Chestnut	73.195	26	35	58	14					6	82	56	24	303	87
Conistra rubiginea	Dotted Chestnut	73.197		14	61	37	4						2		121	33
Lithophane semibrunnea	Tawny Pinion	73.200			20	36	15					6		2	82	49
Lithophane socia	Pale Pinion	73.201			75	140	56	20	3	2	3	10			311	116
Lithophane ornitopus	Grey Shoulder-knot	73.202	3	34	121	49	7				2	76	45	8	346	96
Lithophane leautieri	Blair's Shoulder-knot	73.206									50	275	44	2	373	100
Xylena vetusta	Red Sword-grass	73.209		3	25	27	7					10	2		75	45
Eupsilia transversa	Satellite	73.210	6	45	119	38					4	107	35	9	363	95
Ipimorpha retusa	Double Kidney	73.212							11	21					32	12
Ipimorpha subtusa	Olive	73.213							16	12					29	22
Cosmia trapezina	Dun-bar	73.216						10	590	730	52				1383	289
Cosmia pyralina	Lunar-spotted Pinion	73.217						3	8						13	10
Atethmia centrago	Centre-barred Sallow	73.219								64	241	5			311	136
Brachylochia viminalis	Minor Shoulder-knot	73.220						33	190	27					250	82
Parastichtis suspecta	Suspected	73.221						3	9	10					22	16
Apterogenum ypsilon	Dingy Shears	73.222						13	65	3					81	36
Griposia aprilina	Merveille du Jour	73.224									22	358	90		472	125
Dryobotodes eremita	Brindled Green	73.225					3	5			145	156	6		317	113
Antitype chi	Grey Chi	73.228								3	8				12	9
Aporophyla australis	Feathered Brindle	73.230									2	10	2		14	5
Aporophyla lutulenta	Deep-brown Dart	73.231									7	3			10	6
Aporophyla nigra	Black Rustic	73.233						2	2	7	263	608	71	7	961	191
Dasytopia templi	Brindled Ochre	73.234										11	6		18	11
Polymixis lichenea	Feathered Ranunculus	73.235							3	6	122	336	16	10	493	107
Polymixis xanthomista	Black-banded	73.236									5	5	3		13	4
Polymixis flavicincta	Large Ranunculus	73.237									342	93	2		440	131
Panolis flammea	Pine Beauty	73.241			33	56	25	3							117	57
Orthosia incerta	Clouded Drab	73.242		23	472	790	250	2							1538	218
Orthosia miniosa	Blossom Underwing	73.243			4	20									25	15
Orthosia cerasi	Common Quaker	73.244	11	86	877	1260	631	39	8			2	4	8	2927	261
Orthosia cruda	Small Quaker	73.245	2	46	803	790	105	4							1752	195
Orthosia populeti	Lead-coloured Drab	73.246			4	16									20	7
Orthosia gracilis	Powdered Quaker	73.247			49	315	143	6							516	158
Orthosia gothica	Hebrew Character	73.249	24	108	883	1766	1223	71	4	5	4	3		4	4096	288
Anorthoa munda	Twin-spotted Quaker	73.250		19	464	415	29								927	172
Tholera cespitis	Hedge Rustic	73.252							2	38	40				80	39
Tholera decimalis	Feathered Gothic	73.253									74	217	3		295	98
Cerapteryx graminis	Antler Moth	73.254								174	436	96	2		708	133
Anarta trifolii	Nutmeg	73.255					4	12	17	19	2				56	40
Anarta myrtilli	Beautiful Yellow Underwing	73.257					3	3	8	4					18	17
Polia nebulosa	Grey Arches	73.261					4	254	290	7					555	207
Lacanobia w-latinum	Light Brocade	73.263					79	55	5						140	55
Lacanobia thalassina	Pale-shouldered Brocade	73.264				4	41	168	27	3					244	119
Lacanobia contigua	Beautiful Brocade	73.265					7	55	29						91	55
Lacanobia suasa	Dog's Tooth	73.266					2	15	15	11	2				45	13
Lacanobia oleraceae	Bright-line Brown-eye	73.267			2	18	152	832	1384	225	24				2639	334
Melanchra persicariae	Dot Moth	73.270						172	703	46					922	244
Ceramica pisi	Broom Moth	73.271					13	150	62	3					230	95
Hada plebeja	Shears	73.273					45	87	16	3					151	79
Mamestra brassicae	Cabbage Moth	73.274				10	60	119	206	208	64				667	153
Sideridis turbida	White Colon	73.275						11	5						18	5
Sideridis rivularis	Campion	73.276					26	85	33	27	2				173	99
Conisania andalusica	Barrett's Marbled Coronet	73.278					5	24	8						38	16
Hecatera bicolorata	Broad-barred White	73.279					5	75	35	3					118	58
Hadena bicruris	Lychnis	73.281				20	191	370	275	203	14				1073	235
Hadena confusa	Marbled Coronet	73.283				8	40	62	43	11					164	49
Hadena perplexa	Tawny Shears	73.286				6	17	27	27	4	3				85	37
Mythimna turca	Double Line	73.288					4	295	312	4		2			617	150
Mythimna pudorina	Striped Wainscot	73.289						56	90	17					163	66
Mythimna conigera	Brown-line Bright-eye	73.290						8	33	5					47	28
Mythimna pallens	Common Wainscot	73.291					42	213	291	332	354	42	2		1276	282



