

# YORKSHIRE MOTH RECORDING SCHEME

## Guidelines for recorders submitting moth records

Moth records should be sent to the VC coordinator for your particular vice-county rather than directly to the county recorders who can be overwhelmed with records at times. With about 70,000 records submitted per year in various formats, there is considerable work verifying and computerising data. Splitting the work between VC recorders saves much time in producing an annual report. We strongly recommend MapMate (available from [www.mapmate.co.uk](http://www.mapmate.co.uk)) as a simple recording software, as records can be entered quickly and submitted at the click of a button. Records can however be sent in any format, and we would rather have records on the back of an envelope than no records at all! Details of the VC coordinators are as follows:

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VC coordinators may query records from recorders, particularly inexperienced trappers. Please do not be offended by this. It is very important that records on the central database are accurate and we are anxious to avoid unverified records of certain difficult species being entered. If requested, records from MapMate users must be deleted by the originator. Many species in the county are common and easy to identify, but many can only be identified by genitalia examination. Between these two extremes are moths whose identification may be tricky, and records from experienced observers may be accepted more easily than those from the new moth trapper.

The following checklist shows the level of record required for each species of macro moth in Yorkshire and gives an indication which records are likely to be queried. The number following each moth is explained below:

- Grade 1 These are moths which are widespread and common in Yorkshire. They will be easily identifiable by inexperienced observers. Records are unlikely to be queried.
- Grade 2 Moths of a more restricted distribution or identification may be more difficult due to some confusion species. Most observers will have little trouble with these and again records are unlikely to be queried unless they fall outside the species' normal habitat or flight time.
- Grade 3 Moths which may be much harder to identify or which may be very local in the county. Rare moths which may be confused with commoner species. Many pugs fall into this category. Records from inexperienced recorders will be queried. A photograph or a voucher specimen is useful.
- Grade 4 Rarities where there are very few Yorkshire records. A good quality photograph or a voucher specimen is mandatory unless the observer is very familiar with the species.
- Grade G Genitalia examination is mandatory to exclude related species.

# Yorkshire Macro Moth Checklist

14	Ghost Moth	1	1713	Riband Wave	1	1801	Barred Carpet	4
15	Orange Swift	1	1715	Plain Wave	3	1802	Rivulet	1
16	Gold Swift	2	1716	Vestal	3	1804	Barred Rivulet	1
17	Common Swift	1	1719	Oblique Carpet	3	1805	Heath Rivulet	4
18	Map-winged Swift	1	1720	Gem	3	1807	Grass Rivulet	3
161	Leopard Moth	2	1722	Flame Carpet	1	1808	Sandy Carpet	1
163	Forester	3	1723	Red Carpet	3	1809	Twin-spot Carpet	1
164	Cistus Forester	3	1724	Red Twin-spot Carpet	2	1811	Slender Pug	3
169	Six-spot Burnet	1	1725	Dark-barred Twin-spot Carpet	2	1812	Maple Pug	3
171	Narrow-bord 5 spot Burnet	1	1726	Large Twin-spot Carpet	2	1813	Haworth's Pug	3
371	Lunar Hornet Moth	3	1727	Silver-ground Carpet	1	1815	Cloaked Pug	4
373	Currant Clearwing	2	1728	Garden Carpet	1	1816	Toadflax Pug	2
374	Yellow-legged Clearwing	3	1732	Shaded Broad-bar	1	1817	Foxglove Pug	2
380	Red-tipped Clearwing	3	1734	July Belle	3	1819	Mottled Pug	2
381	Large Red-belted Clearwing	3	1735	Ruddy Carpet	4	1821	Valerian Pug	3
382	Six-belted Clearwing	3	1737	Small Argent and Sable	3	1822	Marsh Pug	3
1631	December Moth	1	1738	Common Carpet	1	1823	Netted Pug	2
1632	Pale Eggar	2	1739	Wood Carpet	3	1825	Lime-speck Pug	1
1633	Small Eggar	3	1740	Galium Carpet	3	1826	Triple-spotted Pug	3
1634	Lackey	2	1742	Yellow Shell	1	1827	Freyer's Pug	3
1637	Oak/Northern Eggar	1	1744	Grey Mountain Carpet	2	1827	Edinburgh Pug	3
1638	Fox Moth	1	1745	Mallow	2	1828	Satyr Pug	3
1640	Drinker	1	1746	Shoulder Stripe	1	1830	Wormwood Pug	3
1641	Small Lappet	4	1747	Streamer	1	1831	Ling Pug	3
1642	Lappet	4	1748	Beautiful Carpet	2	1832	Currant Pug	3
1643	Emperor	1	1749	Dark Spinach	2	1834	Common Pug	1
1645	Scalloped Hook-tip	1	1750	Water Carpet	1	1835	White-spotted Pug	2
1646	Oak Hook-tip	1	1752	Purple Bar	1	1837	Grey Pug	2
1647	Barred Hook-tip	2	1753	Striped Twin-spot Carpet	2	1838	Tawny-speckled Pug	1
1648	Pebble Hook-tip	1	1754	Phoenix	2	1839	Bordered Pug	2
1651	Chinese Character	1	1755	Chevron	1	1840	Shaded Pug	3
1652	Peach Blossom	1	1756	Northern Spinach	2	1842	Plain Pug	3
1653	Buff Arches	1	1757	Spinach	2	1843	Thyme Pug	4
1654	Figure of Eighty	1	1758	Barred Straw	1	1844	Ochreous Pug	3
1655	Poplar Lutestring	3	1759	Small Phoenix	1	1845	Pimpinel Pug	3
1657	Common Lutestring	2	1760	Red-green Carpet	1	1846	Narrow-winged Pug	2
1658	Oak Lutestring	3	1761	Autumn Green Carpet	3	1849	Ash/Angle-barred Pug	3
1659	Yellow Horned	1	1762	Dark Marbled Carpet	2	1851	Golden-rod Pug	3
1661	Orange Underwing	2	1764	Common Marbled Carpet	1	1852	Brindled Pug	1
1663	March Moth	1	1765	Barred Yellow	1	1853	Oak-tree Pug	2
1665	Grass Emerald	2	1766	Blue-bordered Carpet	1	1854	Juniper Pug	3
1666	Large Emerald	1	1767	Pine Carpet	1	1856	Larch Pug	3
1667	Blotched Emerald	1	1768	Grey Pine Carpet	1	1857	Dwarf Pug	2
1669	Common Emerald	1	1769	Spruce Carpet	2	1858	V-Pug	1
1673	Small Emerald	4	1771	Juniper Carpet	1	1859	Sloe Pug	3
1674	Little Emerald	2	1773	Broken-barred Carpet	1	1860	Green Pug	1
1676	Mocha	4	1774	Beech-green Carpet	3	1862	Double-striped Pug	1
1677	Birch Mocha	3	1775	Mottled Grey	2	1863	Dentated Pug	3
1678	Blair's Mocha	4	1776	Green Carpet	1	1864	Streak	2
1680	Maiden's Blush	3	1777	July Highflyer	1	1866	Manchester Treble-bar	3
1681	Clay Triple-lines	3	1778	May Highflyer	2	1867	Treble Bar	2
1682	Blood-vein	1	1779	Ruddy Highflyer	3	1868	Lesser Treble-bar	2
1688	Tawny Wave	4	1787	Argent and Sable	3	1870	Chimney Sweeper	1
1689	Mullein Wave	4	1788	Scarce Tissue	4	1871	Grey Carpet	4
1690	Small Blood-vein	2	1789	Scallop Shell	3	1872	Blomer's Rivulet	3
1691	Rosy Wave	3	1790	Tissue	3	1873	Welsh Wave	2
1692	Lesser Cream Wave	3	1791	Brown Scallop	3	1874	Dingy Shell	2
1693	Cream Wave	3	1792	Dark Umber	3	1875	Small White Wave	2
1694	Smoky Wave	2	1795	November Moth	G	1876	Small Yellow Wave	2
1702	Small Fan-footed Wave	1	1796	Pale November Moth	G	1879	Seraphim	2
1705	Dwarf Cream Wave	3	1797	Autumnal Moth	G	1880	Barred Tooth-striped	4
1707	Small Dusty Wave	2	1798	Small Autumnal Moth	2	1881	Early Tooth-striped	2
1708	Single-dotted Wave	1	1799	Winter Moth	1	1883	Yellow-barred Brindle	2
1712	Small Scallop	3	1800	Northern Winter Moth	3	1884	Magpie Moth	1

1885	Clouded Magpie	2	1982	Narrow-bordered Bee Hawk	4	2103	Plain Clay	2
1887	Clouded Border	1	1984	Humming-bird Hawk-moth	1	2104	Northern Rustic	3
1888	Scorched Carpet	1	1987	Bedstraw Hawk-moth	3	2105	Dotted Rustic	3
1889	Peacock Moth	3	1990	Striped Hawk-moth	4	2107	Large Yellow Underwing	1
1890	Sharp-angled Peacock	2	1991	Elephant Hawk-moth	1	2109	Lesser Yellow Underwing	1
1893	Tawny-barred Angle	1	1992	Small Elephant Hawk-moth	1	2110	Broad-bord.Yellow Underwing	1
1894	Latticed Heath	1	1993	Silver-striped Hawk-moth	4	2111	Lesser BB Yellow Underwing	1
1896	Rannoch Looper	4	1994	Buff-tip	1	2112	Least Yellow Underwing	1
1897	V-Moth	2	1995	Puss Moth	1	2113	Stout Dart	3
1902	Brown Silver-line	1	1996	Alder Kitten	3	2114	Double Dart	2
1903	Barred Umber	3	1997	Sallow Kitten	1	2117	Autumnal Rustic	1
1904	Scorched Wing	1	1998	Poplar Kitten	3	2118	True Lover's Knot	1
1906	Brimstone Moth	1	2000	Iron Prominent	1	2119	Pearly Underwing	1
1907	Bordered Beauty	2	2003	Pebble Prominent	1	2120	Ingrailed Clay	1
1908	Dark Bordered Beauty	4	2006	Lesser Swallow Prominent	1	2121	Barred Chestnut	3
1909	Speckled Yellow	3	2007	Swallow Prominent	1	2122	Purple Clay	2
1910	Lilac Beauty	2	2008	Coxcomb Prominent	1	2123	Small Square-spot	1
1911	Large Thorn	4	2010	Scarce Prominent	2	2124	Fen Square-spot	3
1912	August Thorn	3	2011	Pale Prominent	1	2126	Setaceous Hebrew Character	1
1913	Canary-shouldered Thorn	1	2014	Marbled Brown	2	2127	Triple-spotted Clay	4
1914	Dusky Thorn	1	2015	Lunar Marbled Brown	2	2128	Double Square-spot	1
1915	September Thorn	3	2017	Small Chocolate-tip	3	2130	Dotted Clay	1
1917	Early Thorn	1	2020	Figure of Eight	2	2131	Square-spotted Clay	1
1918	Lunar Thorn	2	2026	Vapourer	1	2132	Neglected Rustic	3
1919	Purple Thorn	2	2028	Pale Tussock	1	2133	Six-striped Rustic	1
1920	Scalloped Hazel	1	2029	Brown-tail	3	2134	Square-spot Rustic	1
1921	Scalloped Oak	1	2030	Yellow-tail	1	2135	Heath Rustic	2
1922	Swallow-tailed Moth	1	2031	White Satin	2	2136	Gothic	1
1923	Feathered Thorn	1	2033	Black Arches	4	2137	Great Brocade	3
1925	Small Brindled Beauty	4	2035	Round-winged Muslin	3	2138	Green Arches	1
1926	Pale Brindled Beauty	1	2038	Muslin Footman	1	2139	Red Chestnut	1
1927	Brindled Beauty	3	2040	Four-dotted Footman	3	2140	White-marked	2
1930	Oak Beauty	2	2043	Orange Footman	4	2142	Beautiful Yellow Underwing	1
1932	Spring Usher	1	2044	Dingy Footman	2	2145	Nutmeg	1
1933	Scarce Umber	1	2046	Pigmy Footman	4	2147	Shears	2
1934	Dotted Border	1	2047	Scarce Footman	3	2150	Grey Arches	2
1935	Mottled Umber	1	2049	Buff Footman	3	2152	White Colon	3
1936	Waved Umber	1	2050	Common Footman	1	2153	Bordered Gothic	4
1937	Willow Beauty	1	2051	Four-spotted Footman	4	2154	Cabbage Moth	1
1940	Satin Beauty	3	2056	Wood Tiger	2	2155	Dot Moth	1
1941	Mottled Beauty	1	2057	Garden Tiger	1	2156	Beautiful Brocade	4
1947	Engrailed	1	2059	Clouded Buff	2	2157	Light Brocade	4
1948	(Small Engrailed)		2060	White Ermine	1	2158	Pale-shouldered Brocade	1
1951	Grey Birch	1	2061	Buff Ermine	1	2159	Dog's Tooth	2
1952	Common Heath	1	2063	Muslin Moth	1	2160	Bright-line Brown-eye	1
1954	Bordered White	1	2064	Ruby Tiger	1	2162	Glaucous Shears	2
1955	Common White Wave	1	2069	Cinnabar	1	2163	Broom Moth	1
1956	Common Wave	1	2076	Kent Black Arches	3	2164	Broad-barred White	2
1957	White-pinion Spotted	1	2077	Short-cloaked Moth	1	2166	Campion	2
1958	Clouded Silver	1	2078	Least Black Arches	1	2167	Tawny Shears	2
1960	Early Moth	1	2079	Scarce Black Arches	3	2170	Varied Coronet	3
1961	Light Emerald	1	2080	Square-spot Dart	4	2171	Marbled Coronet	2
1962	Barred Red	1	2081	White-line Dart	3	2173	Lychnis	2
1964	Annulet	3	2082	Garden Dart	3	2176	Antler	1
1968	Yellow Belle	4	2085	Archer's Dart	3	2177	Hedge Rustic	3
1969	Grey Scalloped Bar	2	2087	Turnip Moth	1	2178	Feathered Gothic	1
1970	Grass Wave	3	2088	Heart and Club	3	2179	Pine Beauty	1
1972	Convolvulus Hawk-moth	3	2089	Heart and Dart	1	2182	Small Quaker	1
1973	Death's-head Hawk-moth	4	2091	Dark Sword-grass	2	2184	Northern Drab	3
1976	Privet Hawk-moth	4	2092	Shuttle-shaped Dart	1	2185	Lead-coloured Drab	3
1978	Pine Hawk-moth	2	2093	Sand Dart	2	2186	Powdered Quaker	1
1979	Lime Hawk-moth	1	2098	Flame	1	2187	Common Quaker	1
1980	Eyed Hawk-moth	1	2102	Flame Shoulder	1	2188	Clouded Drab	1
1981	Poplar Hawk-moth	1				2189	Twin-spotted Quaker	1

2190	Hebrew Character	1	2290	Reed Dagger	4	2379	Small Rufous	2
2192	Brown-line Bright Eye	1	2291	Coronet	3	2380	Treble Lines	2
2193	Clay	1	2293	Marbled Beauty	1	2381	Uncertain	2
2194	White-point	3	2295	Marbled Green	4	2382	Rustic	2
2195	Delicate	3	2297	Copper Underwing	G	2384	Vine's Rustic	3
2196	Striped Wainscot	3	2298	Svensson's Copper Underwing	1	2385	Small Mottled Willow	3
2197	Southern Wainscot	3	2299	Mouse Moth	1	2387	Mottled Rustic	1
2198	Smoky Wainscot	1	2300	Old Lady	1	2389	Pale Mottled Willow	1
2199	Common Wainscot	1	2301	Bird's Wing	2	2391	Silky Wainscot	2
2201	Shore Wainscot	3	2302	Brown Rustic	2	2394	Anomalous	3
2203	White-speck	3	2303	Straw Underwing	2	2397	Small Yellow Underwing	2
2204	Obscure Wainscot	3	2305	Small Angle Shades	1	2399	Bordered Sallow	2
2205	Shoulder-striped Wainscot	1	2306	Angle Shades	1	2400	Scarce Bordered Straw	3
2211	Wormwood	3	2308	Latin	4	2403	Bordered Straw	3
2214	Chamomile Shark	2	2311	Double Kidney	4	2408	Small Marbled	4
2216	Shark	2	2312	Olive	2	2410	Marbled White Spot	2
2217	Star-wort	3	2313	Angle-striped Sallow	2	2412	Silver Hook	3
2221	Mullein	2	2314	Dingy Shears	2	2418	Cream-bordered Green Pea	3
2225	Minor Shoulder-knot	2	2316	Lesser-spotted Pinion	3	2421	Scarce Silver-lines	1
2227	Sprawler	2	2317	White-spotted Pinion	4	2422	Green Silver-lines	1
2229	Brindled Ochre	3	2318	Dun-bar	1	2423	Oak Nyctoline	2
2231	Deep-brown Dart	3	2319	Lunar-spotted Pinion	4	2423a	Eastern Nyctoline	4
2231a	Northern Deep-brown Dart	3	2320	Saxon	4	2425	Nut-tree Tussock	3
2232	Black Rustic	2	2321	Dark Arches	1	2428	Golden Twin-spot	4
2233	Golden-rod Brindle	3	2322	Light Arches	1	2429	Tunbridge Wells Gem	4
2235	Tawny Pinion	2	2325	Crescent Striped	3	2434	Burnished Brass	1
2236	Pale Pinion	2	2326	Clouded-bordered Brindle	1	2436	Dewick's Plusia	4
2237	Grey Shoulder-knot	3	2327	Clouded Brindle	2	2437	Golden Plusia	2
2240	Blair's Shoulder-knot	1	2329	Confused	3	2439	Gold Spot	2
2241	Red Sword-grass	1	2330	Dusky Brocade	2	2440	Lempke's Gold Spot	3
2242	Sword-grass	4	2331	Small Clouded Brindle	2	2441	Silver Y	1
2243	Early Grey	1	2334	Rustic Shoulder-knot	1	2442	Beautiful Golden Y	1
2245	Green-brindled Crescent	1	2335	Slender Brindle	2	2443	Plain Golden Y	1
2247	Merveille du Jour	1	2336	Double Lobed	2	2444	Gold Spangle	1
2248	Brindled Green	1	2337	Marbled Minor	G	2447	Scarce Silver Y	2
2250	Dark Brocade	2	2338	Rufous Minor	G	2449	Dark Spectacle	2
2252	Large Ranunculus	3	2339	Tawny Marbled Minor	G	2450	Spectacle	1
2254	Grey Chi	2	2340	Middle-barred Minor	1	2451	Clifden Nonpareil	4
2255	Feathered Ranunculus	3	2341	Cloaked Minor	2	2452	Red Underwing	2
2256	Satellite	1	2342	Rosy Minor	1	2462	Mother Shipton	2
2258	Chestnut	1	2343	Common Rustic	G	2463	Burnet Companion	2
2259	Dark Chestnut	1	2343a	Lesser Common Rustic	G	2466	Blackneck	3
2262	Brick	1	2344	Least Minor	4	2469	Herald	1
2263	Red-line Quaker	1	2345	Small Dotted Buff	1	2470	Small Purple-barred	3
2264	Yellow-line Quaker	1	2348	Lyme Grass	3	2473	Beautiful Hook-tip	4
2265	Flounced Chestnut	3	2349	Mere Wainscot	3	2474	Straw Dot	2
2266	Brown-spot Pinion	1	2350	Small Wainscot	2	2475	Waved Black	4
2267	Beaded Chestnut	1	2352	Dusky Sallow	1	2476	Beautiful Snout	3
2268	Suspected	3	2353	Flounced Rustic	1	2477	Snout	1
2269	Centre-barred Sallow	1	2357	Large Ear	G	2482	White lined Snout	4
2270	Lunar Underwing	1	2358	Saltern Ear	G	2484	Pinion-streaked Snout	3
2271	Orange Sallow	2	2359	Crinan Ear	G	2489	Fan-foot	1
2272	Barred Sallow	1	2360	Ear Moth	G	2492	Small Fan-foot	1
2273	Pink-barred Sallow	1	2361	Rosy Rustic	1			
2274	Sallow	1	2362	Butterbur	2			
2275	Dusky-lemon Sallow	2	2364	Frosted Orange	1			
2278	Poplar Grey	1	2367	Haworth's Minor	3			
2279	Sycamore	3	2368	Crescent	2			
2280	Miller	2	2369	Bulrush Wainscot	2			
2281	Alder Moth	2	2370	Twin-spotted Wainscot	3			
2283	Dark Dagger	G	2371	Brown-veined Wainscot	3			
2284	Grey Dagger	G	2373	Webb's Wainscot	3			
2286	Light Knot Grass	3	2375	Large Wainscot	2			
2289	Knot Grass	1	2377	Fen Wainscot	2			