

Butterfly and Moth Report 2014



Wanstead Butterflies and Moths 2014

Welcome to the 2014 butterfly and moth report for the Wanstead area. Unlike the previous two moth reports (covering 2012 and 2013), this year butterflies are included, something I hope to continue in future years. Indeed, given the high level of interest in this group, they are given pride of place at the front of the report.

It was a memorable year for these beautiful creatures locally. Recent butterfly colonists Green Hairstreak and Ringlet consolidated and extended their range in 2013. Also, in addition to our regular species, Brown Argus was seen and photographed on Wanstead Flats (does it breed there annually?), as was Clouded Yellow. More observers contributed records in 2014, and Kathy Hartnett (KH) deserves a special mention for coordinating butterfly records and supplying them to the Butterfly Conservation Trust. Rose Stephens (RS), Jennifer Charter (JCh) and Nick Croft (NC) also made valuable contributions as, of course, did Paul Ferris (PF).

Though 2014 produced neither the moth species diversity nor the number of individuals noted in 2013, there were many highlights. Numerous species were recorded in the area for the first time, including the continental form of Crescent Dart, possibly only the second record for Essex, on 12 September. Paul Ferris was surprised to find a female Emperor laying eggs in his trap on 24 April. Tim Harris ran an actinic trap in his garden on the Lakehouse estate (TQ 402 870) between 6 March and 13 June and again from 11 July to 27 October. Unfortunately, the three-week period in late June and early July when the trap was not operated was peak season. The trap attracted



Small Yellow Underwing, Old Sewage Works/ Exchange Lands, 16 July 2014 (Tim Harris).

about 1,600 individuals of 172 species, plus a number of unidentified pugs and micros. (Note: some individuals could only be identified to genus level without genital dissection and have the suffix 'agg'.). Paul Ferris ran actinic and Heath traps in his Capel Road garden (CR, TQ 413 860) from 9 March to 20 May. During this period he caught (or saw free-flying in his garden) 177 moths of 65 species, but unfortunately Paul was unable to run the trap after the third week of May. Additionally, observations of day-flying moths were made in various areas of Wanstead Park and Wanstead Flats. In the systematic list that follows, LH refers to the Lake House trap, and CR to the Capel Road trap. Where possible, totals and dates are given. Figures in parenthesis refer to totals at the LH trap.

Tim Harris

Cover: female Orange-tip butterfly, Kathy Hartnett

BUTTERFLIES



Above: Clouded Yellow, Wanstead Flats, 27 October (Nick Croft).

1526 Small Skipper

First positively identified, near Bush Wood, 20/6 (KH). Probably the most common skipper locally.

1527 Essex Skipper

First positively identified, OSW, 13/7 (KH, TH).

1531 Large Skipper

First, SSSI, 18/5 (TH). Few positively identified; singles on Flats on 1/6 and in Park on 8/6.

Skipper sp.

First, on Wanstead Flats, 2/6.

Counts on Wanstead Flats:

12/7 350+

18/7 32

27/7 3

Last seen, Wanstead Flats, 27/7.

1545 Clouded Yellow

One, Wanstead Flats, 27/10 (NC).

Also of note: 11, Queen Elizabeth Olympic Park, Stratford, 29/7; 6 there, 3/8 (KH).

1546 Brimstone

First, two in Wanstead Park, 16/3 (KH).

1549 Large White

First, two on Wanstead Flats, 30/4 (KH).

1550 Small White

First, four in Wanstead Park, 10/4 (KH).

1551 Green-veined White

First, two in OSW, 15/4 (KH).

'white' sp.

Many individual 'white' butterflies were not identified to species level.

1553 Orange-tip

First, a female on Wanstead Flats, 30/3; four males in Wanstead Park, 24/4 (KH).

Below: Large Skipper, SSSI, 18 May. This species is certainly under-recorded locally (Tim Harris).





Above: Green Hairstreak, Wanstead Flats, 20 May (Kathy Hartnett).

1555 Green Hairstreak

First, four on Wanstead Flats, 5/5; nine there on 5/5, seven on 18/5, and last noted on 1/6 (PF, KH, TH, RS). After first being seen on Wanstead Flats in 2013, this species has apparently spread, with individuals seen at several places in the SSSI, near Long Wood and close to Capel Road this year.

Brown Argus, Wanstead Flats, 12 September (Rose Stephens).



Above: Peacock, OSW/Exchange Lands, 13 July (Kathy Hartnett).

1557 Purple Hairstreak

Small numbers seen in oak canopy in Bush Wood and Long Wood in August.

1561 Small Copper

First, two on Wanstead Flats, 30/4. Last, two on Wanstead Flats, 27/9 (KH).

1572 Brown Argus

At least one, Wanstead Flats, 12/9 (RS). This was the first record for the Flats after sightings in previous years in the Old Sewage Works (OSW) and The Bund.

1574 Common Blue

First, two in City of London Cemetery, 29/4 (PF); five, OSW, 8/6. Also of note: 200+ in Queen Elizabeth Olympic Park, Stratford, 29/7; 100+ there, 3/8 (KH).

1580 Holly Blue

First, 8/4, Capel Road garden (PF). Last, two on Wanstead Flats, 27/10 (NC).

1590 Red Admiral

First, two in OSW, 13/7. Last, one by Wanstead Golf Club, 9/11 (TH).

1591 Painted Lady

One, Wanstead Flats, 19/6 (RS).

1593 Small Tortoiseshell

First, 19/2, Wanstead Flats (PF).

1597 Peacock

First, 9/3, Wanstead Park (KH).

1598 Comma

First, 9/3, Wanstead Park (KH). Nine, OSW, 13/7 (KH, TH).

1614 Speckled Wood

First, 5/4, Capel Road garden (PF).

1625 Gatekeeper

First, two on Wanstead Flats, 12/7 (KH).

Counts on Wanstead Flats:

12/7	12
18/7	25
27/7	37
31/7	76
2/8	14

Also, 40, OSW, 13/7 (KH).

Small Tortoiseshell, Old Sewage Works, 7 June (Kathy Hartnett).



1626 Meadow Brown

First, Bush Wood, 20/6 (KH).

Counts on Wanstead Flats:

3/7	16
12/7	140+
18/7	52
27/7	10
2/8	0

1627 Small Heath

First, two on Wanstead Flats, 12/5 (PF). Still on the wing at the end of September.

1629 Ringlet

2, OSW, 13/7 (Mark Thomas, KH, TH). Also seen between Heronry Lake and Shoulder of Mutton (JCh), not far from where the first was seen in 2013. It is encouraging that this species has apparently spread to a new area.

Note: the Wanstead Flats counts were made by Kathy Hartnett.

Ringlet, Wanstead Park, 20 July 2013. This was the first record for the area and was followed by more in summer 2014 (Kathy Hartnett).



MICRO MOTHS

6, Common Oak Purple (many)

Eriocrania subpurpurella

Bush Wood: including 25, dayflying, 27/3

CR: 1, 24/3

17 Common Swift

CR: 1, 14/5

119, Sorrel Bent-wing (2)

Opostega salaciella

Wanstead Flats: near Long Wood: up to 5
seen daily, 14/5–1/6

125 Bordered Carl

Emmetia marginea

CR: 1, 19/5; free flying in garden

130 Early Purple

Incurvaria masculella

Wanstead Flats: 1, 24/4

148 Yellow-barred Long-horn (many)

Nemophora degeerella

Wanstead Flats: up to 60 on several dates,
with peak of 60 in SSSI on 31/5

150 Green Long-horn

Adela reaumurella

CR: 1, 6/5; free flying in garden

169 Six-spot Burnet (several)

Zygaena filipendulae

Wanstead Park and Wanstead Flats

186 Common Sweep

Psyche casta

Wanstead Park: larval case, 20/5

229 Yellow-backed Clothes Moth (1)

Monopis obviella

LH: 1, 19/5

294 Common Slender (1)

Caloptilia (Gracilaria) syringella

LH: 1, 31 May

315 White Oak Midget

Phyllonirrycter harrisella

CR: 1, 16/5

366a Horse-chestnut Leaf-miner

Cameraria ohridella

Wanstead Park: 2, 1/4 and 26/4

385 Common Nettle-tap

Anthophila fabriciana

LH: 1, 23/7

CR: 5, 5/4–30/4

Alders Brook: 2, 14/5

Wanstead Flats: 5, 21/5

Wanstead Park: 2, 5/5

464 Diamond Back Moth (5)

Plutella xylostella

LH: 5, 17/7–29/7

642 Golden-brown Tubic (10)

Crassa unitella

LH: 10, 21/7–23/7

647 Brown House Moth (many)

Hoffmannophila pseudospretella

LH: first, 17/5

CR: 1, 20/5

648 White-shouldered House Moth (many)

Endrosis sarcitrella

LH: many, 13/4–5/9

CR: 1, 14/3

663 March Tubic

Diurnea fagella

CR: 3, 9/3–19/3

688 Common Flat-body

Agonopterix heracliiana

CR: 12/3

695 Brown-spot Flat-body

Agonopterix alstromeriana

CR: 2, 29/3 and 9/4

701 Red-letter Flat-body

Agonopterix ocellana

OSW: 1, 18/5

873 Dingy Dowd (15)

Blastobasis adustella

LH: 15, 15/7–7/8

969 Chequered Fruit-tree Tortrix (6)

Pandemis corylana

LH: 6, 2/8–31/8

970 Barred Fruit-tree Tortrix (7)

Pandemis cerasana

LH: 7, 2/6–13/6

977 Large Fruit-tree Tortrix (1)

Archips podana

LH: 1, 5/9

998 Light Brown Apple Moth (many)

Epiphyas postvittana

LH: many, 22/4–27/10

CR: 11, 28/3–20/5

1001 Orange Pine Tortrix (2)

Lozotaeniodes formosanus

LH: 2, 13/6

1010 Red-barred Tortrix (3)

Ditula angustiorana

LH: 3, 19/5–13/7

1011 Yellow-spot Tortrix (4)

Pseudargyrotoza conwagana

LH: 4, 31/5–15/7

1033 Green Oak Tortrix (1)

Tortrix viridana

LH: 1, 29/5

1082 Plum Tortrix (1)

Hedya pruniana

LH: 1, 25/5

1093 Birch Marble (1)

Apotomis betuletana

LH: 1, 13/8

1169 Common Cloaked Shoot (1)

Gypsonoma dealbana

LH: 1, 21/7

1176 Triple-blotched Bell (2)

Notocella trimaculana

LH: 2, 19/5; 1, 23/5

1205 Bud Moth (3)

Spilonata ocellana

LH: 1, 14/5–17/5

1211 Orange-spotted Shoot (1)

Rhyacionia pinicolana

LH: 1, 13/7

1212 Spotted Shoot Moth (1)

Rhyacionia pinivorana

LH: 1, 17/5

1234 Regal Piercer (1)

Pammene regiana

LH: 1, 21/7

1261 Codling Moth (75)

Cydia pomonella

LH: 75, 17/5–12/9

CR: 1, 20/5

1273 Common Drill (1)

Dichrorampha petiverella

LH: 1, 16/7

1288 Twenty-plume Moth (1)

Alucita hexadactyla

LH: 1, 23/7

CR: 1, 16/3

1293 Garden Grass-veneer (20)

Chrysoteuchia culmella

Wanstead Flats: first, 1/6

OSW: 7, 16/7

LH: 20, 11/7–2/8

1294 Grass-veneer (7)

Crambus pascuella

LH: 7, 13/7–2/8

1301 Hook-streaked Grass Veneer (5)

Crambus lathoniellus

Wanstead Flats: good numbers in SSSI and south of Long Wood, 1/6

LH: 5, 29/5–13/6

1302 Yellow Satin Veneer (5)

Crambus perlilla

LH: 5, 15/7–29/7

1304 Pearl Veneer (4)

Agriphila straminella

OSW: 3, 16/7

LH: 4, 13/7–7/8

1305 Common Grass-veneer (2)

Agriphila tristella

LH: 2, 7/8

1309 Elbow-stripe Grass-veneer (43)

Agriphila geniculea

LH: 43, 7/8–5/9

1316 Chequered Grass-veneer (12)

Catoptria falsella

LH: 12, 11/7–31/8

1331 Water Veneer (3)

Acentria ephemerella

LH: 3, 13/6–21/7

1333 Meadow Grey (5)

Scoparia pyralella

Wanstead Flats: 1, 1/6

LH: 5, 11/6–13/6

1334 Base-lined Grey (2)

Scoparia basistrigalis

LH: 2, 15/7

1344 Small Grey (10)

Eudonia mercurella

LH: 10, 11/7–2/8

1345 Brown China-mark (1)

Elophila nymphaeata

LH: 1, 18/9

1348 Ringed China-mark (7)

Parapoynx stratiotata

LH: 7, 13/6–13/8



Gold Triangle, Belgrave Road, 19 September.

1354 Small China-mark (9)

Cataclysta lemnata

LH: 9, 13/8–18/9

Wanstead Park: 1, 20/5

1361 Small Purple and Gold (2)

Pyrausta aurata

LH: 2, 21/7

CR: 5, 26/4–21/5

1362 Common Purple and Gold (9)

Pyrausta purpuralis

LH: 1, 13/6–7/8

1376 Small Magpie (1)

Eurrhpara hortulata

OSW: 1, 16/7

LH: 1, 21/7

1378 Elder Pearl (6)

Anania coronata

LH: first, 21/7–7/8

1392 Olive Pearl (1)

Udea olivalis

LH: 1, 17/5

1395 Rusty-dot Pearl (1)

Udea ferrugalis

LH: 1, 16/11

1405 Mother of Pearl (3)

Pleuroptya ruralis

LH: first, 21/7–26/7

1413 Gold Triangle (1)

Hypsopygia costalis

LH: 1, 18/9

1424 Rosy Tabby (9)

Endotricha flammealis

LH: 9, 11/7–26/7

1425 Wax Moth (4)

Galleria mellonella

LH: 4, 23/7–12/9

1428 Bee Moth (12)

Aphomia sociella

LH: first, 5/5–13/6

1439 Grey Knot-horn (2)

Trachycera advenella

LH: 2, 29 July

1452 Dotted Oak Knot-horn (5)

Phycita roborella

LH: 5, 31/5–28/8

1497 Beautiful Plume (2)

Amblyptilia acanthadactyla

LH: 2, 21/7 and 23/7

1524 Common Plume (several)

Emmelina monodactyla

LH: many, 6/3–7/10

CR: 8, 9/3–7/4

MACRO MOTHS



Blotched Emerald, Belgrave Road, 7 June.

1643 Emperor Moth

CR: 1 female, 24/4; laying eggs, many of which later became caterpillars and then pupae.

1646 Oak Hook-tip (6)

LH: 6, 31/8–16/9
CR: 1, 16/5

1660 Frosted Green (1)

LH: 1, 13/4

1663 March Moth

CR: 1, 16/3

1667 Blotched Emerald (2)

LH: 2, 7/6 and 13/6

1680 Maiden's Blush (6)

LH: 6, 5/5–3/10
CR: 2, 23/4 and 6/5

1682 Blood-vein (1)

LH: 1, 28/8

1699 Least Carpet (12)

LH: 12, 11/7–29/7

1702 Small Fan-footed Wave (1)

LH: 1, 11/7

1707 Small Dusty Wave (2)

LH: 2, 15/7 and 22/8
CR: 2, 5/5 and 16/5

1708 Single-dotted Wave (6)

LH: 6, 15/7–2/8

1711 Treble Brown Spot (4)

LH: 4, 2/6–11/6

1713 Riband Wave (49; 47/2)

LH: 47, 11/6–7/8; 2, 18/9–3/10

1728 Garden Carpet (10)

LH: 4, 24/4–21/7; 6, 10/9–18/9
CR: 1, 20/5

1738 Common Carpet

CR: 1, 24/4

1759 Small Phoenix

CR: 1, 4/5

1760 Red-green Carpet (8; 1/7)

LH: 1, 6/5; 7, 16/9–27/10
CR: 3, 6/5–18/5

1764 Common Marbled Carpet (8; 7/1)

LH: 7, 17/5–13/6; 1, 28/9
Wanstead Park: 1, 19/5, free-flying
CR: 3, 20/5

1766 Blue-bordered Carpet (1)

LH: 1, 13/6

1768 Grey Pine Carpet (1)

LH: 1, 19/5

CR: 1, 20/5

1769 Spruce Carpet (3)

LH: 3, 31/5–11/6

1771a Cypress Carpet (14; 11/3)

LH: 11, 15/5–13/6; 3, 16/9–14/10

CR: 1, 20/5

1795/7 November Moth agg (2)

LH: 2, 27/10

1817 Foxglove Pug (1)

LH: 1, 3/4

1825 Lime-speck Pug (8)

LH: 8, 19/5–2/9

CR: 4, 16/5–20/5

1827 Freyer's Pug (2)

LH: 2, 19/5 and 13/6

CR: 1, 20/5

1830 Wormwood Pug (3)

LH: 3, 19/5

1832 Currant Pug (1)

LH: 1, 13/6

CR: 1, 16/5

1834 Common Pug (12)

LH: 12, 29/5–13/6

CR: 1, 20/5



Blue-bordered Carpet, Belgrave Road, 13 June.

1835 White-spotted Pug (3)

LH: 3, 24/4–5/5

CR: 1, 23/4

1837 Grey Pug (1)

LH: 1, 2/6

1842 Plain Pug (1)

LH: 1, 26/7

1852 Brindled Pug (6)

LH: 6, 17/3–24/4

CR: 2, 9/3 and 24/4

1862 Double-striped Pug (18; 10/8)

LH: 10, 13/3–24/4; 8, 21/7–25/10

CR: 2, 9/3 and 16/3

unidentified pug sp: LH: various dates, inc.

13 June, 28 June.

1864 Streak

WF: several, 30/10–16/11 (RS)

1865 Broom-tip (2)

LH: 2, 16/4 and 29/5

More records for Metropolitan Essex after the second and third in 2013 (JL had the first in July 2010). A local speciality, presumably with plenty of food for the larvae on Wanstead Flats..

1906 Brimstone Moth (12)

LH: 12, 22/4–18/9

CR: 1, 4/4

1915 September Thorn (2)

LH: 2, 26/7 and 28/9

1917 Early Thorn (1)

LH: 1, 11/7

1921 Scalloped Oak (4)

LH: 4, 11/6-15/7:

1922 Swallow-tailed Moth (2)

LH: 2, 15/7 and 23/7

1925 Small Brindled Beauty (1)

LH: 1, 13/3

1927 Brindled Beauty (1)

LH: 1, 29/3

CR: 3, 18/3–19/3

1930 Oak Beauty (3)

LH: 2, 11/3 and 28/3

1931 Peppered Moth (3)

LH: 3, 13/7–21/7

CR: 1, 20/5

1937 Willow Beauty (80)

LH: 80, 5/5-4/10; peaks in early June and

early September

CR: 7, 26/4–20/5

1955 Common White Wave

Wanstead Park: 1, 19/5; free flying (JCh)

1961 Light Emerald (8)

LH: 8, 17/5–13/6

CR: 1, 20/5

1979 Lime Hawkmoth

CR: 1, 20/5

1992 Small Elephant Hawkmoth (3)

LH: 2, 19/5; 1, 23/5

1994 Buff-tip (3)

LH: 1 on 7/6, 15/7 and 21/7

CR: 1, 18/5

2011 Pale Prominent (1)

LH: 1, 17/7

2026 Vapourer (1)

LH: 1, 18/9

2030 Yellow-tail (1)

LH: 1, 17/7

2047 Scarce Footman (8)

LH: 8, 13/7–29/7

2050 Common Footman (5)

LH: 5, 13/7–23/7

2060 White Ermine

CR: 1, 14/5

2061 Buff Ermine (2)

LH: 2, 15/7 and 17/7

2063 Muslin Moth (3)

LH: 3, 17/4–28/4

CR: 4, 23/4–14/5

2064 Ruby Tiger (5)

LH: 5, 21/7–26/7

2067 Jersey Tiger (44)

LH: 44, 17/7–13/8

2069 Cinnabar

Wanstead Flats: first, 12/5

2076 Kent Black Arches (1)

LH: 1, 2/10

2077 Short-cloaked Moth (1)

LH: 1, 13/6

2078 Least Black Arches

CR: 2, 20/4 and 23/4

2087 Turnip Moth (4)

LH: 4, 6/5, 19/5, 29/7 and 2/8

2089 Heart and Dart (44)

LH: 44, 19/5–15/7

CR: 1, 14/5

2090 Crescent Dart (1)

LH: 1, continental ssp. *trux*, 12/9 and 14/9
(presumed same ind.). Apparently, the second
record for Essex

2091 Dark Sword-grass (1)

LH: 1, 13/4

2092 Shuttle-shaped Dart (29; 14/11/4)

LH: 14, 5/5–7/6; 11, 21/7–2/8; 4, 28/9–25/10

CR: 12, 24/4–20/5



Crescent Dart of continental race *trux*, believed to be the second record for Essex. Belgrave Road, 12 September.

2098 Flame (2)

LH: 1, 25/5 and 1, 11/6

2102 Flame Shoulder (2)

LH: 1, 19/5 and 1, 13/8

CR: 2, 28/4 and 20/5

2107 Large Yellow Underwing (145; 4/141)

LH: 4, 5/6–13/6; 141, 23/7–14/10

**2111 Lesser Broad-bordered
Yellow Underwing (5)**

LH: 5, 13/8–2/9

2123 Small Square-spot (1)

LH: 1, 11/6

2126 Setaceous Hebrew Character (13; 7/6)

LH: 7, 17/5–11/7; 6, 7/8–16/9

CR: 1, 20/5

2134 Square-spot Rustic (28)

LH: first, 22/8–18/9

2147 Shears (3)

LH: 3; 29/5–13/6



L-album Wainscott, Belgrave Road, 18 September.
This was the first record for the Wanstead area.

2154 Cabbage Moth (1)

LH: 1, 22/8

2157 Light Brocade (5)

LH: 5, 23/5–13/6

CR: 1, 16/5

2160 Bright-line Brown-eye (2)

LH: 2, 22/4 and 13/7

CR: 1, 20/5

2173 Lychnis

CR: 18/5

2182 Small Quaker (5)

LH: 5, 8/3–31/3

CR: 1, 12/3

2187 Common Quaker (54)

LH: 54, 6/3–13/4

CR: 5, 9/3–1/4

2188 Clouded Drab (6)

LH: 6, 11/3–28/3

CR: 3, 14/3–18/3

2189 Twin-spotted Quaker (4)

LH: 4, 8/3–17/3

CR: 1, 19/3

2190 Hebrew Character (20)

LH: 20, 8/3–13/4

CR: 31, 9/3–28/4

2193 Clay (1)

LH: 1, 13/7

2194 White-point (1)

LH: 1; 8/9

2202 L-album Wainscott (1)

LH: 1, 18/9

2205 Shoulder-striped Wainscot (5)

LH: first, 13/6–17/7

2231 Deep-brown Dart (1)

LH: 1, 28/9

2232 Black Rustic (4)

LH: 4, 30/9– 4/10

2240 Blair's Shoulder-knot (3)

LH: 3, 28/9–27/10

2243 Early Grey (10)

LH: 10, 15/3–20/4

CR: 9, 16/3–26/4

2247 Merveille du Jour (1)

LH: 1, 25/10

Merveille du Jour, Belgrave Road, 25 October.



2248 Brindled Green (2)

LH: 2, 28/9 and 30/9

2252 Large Ranunculus (1)

LH: 1, 28/9

2258 Chestnut (2)

LH: 2, 7/8 and 24/10

2259 Dark Chestnut (1)

LH: 1, 15/3

2270 Lunar Underwing (22)

LH: 22, 12/9–4/10

2272 Barred Sallow (1)

LH: 1, 4 October

2273 Pink-barred Sallow (1)

LH: 1, 4 October

2280 Miller (1)

LH: 1, 13/6

2289 Knot Grass (1)

LH: 1, 6/5

2292 Tree-lichen Beauty (34)

LH: 34, 17/7–13/8

2293 Marbled Beauty (53)

LH: 53, 11/6–28/9

2297 Copper Underwing (5)

LH: 5, 21/7–2/9

2300 Old Lady (4)

LH: 4, 2/9–8/0

2303 Straw Underwing (13)

LH: 13, 7/8–5/9

2306 Angle Shades (1)

LH: 1, 13/4

CR: 3, 26/4–20/5

WF: 1, 30/4, free flying

2318 Dun-bar (3)

LH: 3, 15/7–23/7

2321 Dark Arches (6)

LH: 6, 11/7–2/8

2334 Rustic Shoulder-knot (1)

LH: 1, 19/5

2337/2338 Marbled Minor/Rufous

Minor Agg. (6)

LH: 6, 2/6–13/7

CR: 2, 6/5 and 18/5

**2343 Common/Lesser Common Rustic
agg. (27)**

LH: 27, 15/7–13/8

2352 Dusky Sallow (12)

LH: 12, 13/7–28/8

2353 Flounced Rustic (13)

LH: 13, 22/8–4/10

2361 Rosy Rustic (1)

LH: 1, 31/8

2380 Treble Lines (9)

LH: 9, 19/5–2/6

CR: 3, 20/5

2381 Uncertain (17)

LH: 17, 11/7–2/9

2382 Rustic (6)

LH: 6, 15/7–23/7

2384 Vine's Rustic (24; 5/19)

LH: 5, 2/6–13/6; 19, 13/8–16/9

2389 Pale Mottled Willow (108; 57/51)

LH: 57, 29/3–13/6; 51, 29/7–7/10

CR: 8, 24/4–20/5

2397 Small Yellow Underwing

Wanstead Flats: 1, 12/5 (PF)

Alders Brook: 1, 14/5 (PF)

OSW: 1, 18/5 (TH/KH)

2425 Nut-tree Tussock (1)

LH: 1, 29/3

CR: 2, 1/4 and 4/4

2462 Mother Shipton

Wanstead Flats: first, 15/5; 4 on 1/6

2469 Herald

CR: 1, 1/4; free flying in garden

2473 Beautiful Hook-tip (1)

LH: 1, 11/6

2474 Straw Dot (1)

LH: 1, 13/6

2477 Snout

CR: 18/5

2489 Fan-foot (1)

LH: 1, 31/5

Mother Shipton, Wanstead Flats, May (Tim Harris).

