

**WARWICKSHIRE BRANCH
MOTH EQUIPMENT**

2012 - IT ALL STARTED SO WELL, THEN...



See Page 11

Alan Prior & Val Weston

**Photographs by John Finlay
Cover Photograph by Alan Prior**



2120 Ingrailed Clay



2091 Dark Sword-grass



2183 Blossom Underwing



1765 Barred Yellow



1922 Swallow-tailed Moth



1076 *Celypha lacunana*



1313 *Catoptria pinella*

Introduction

Up to and including March the year got off to a very good start, but we suspect that 2012 will not live long in many moth recorders memories for many good reasons and can generally be summed up by the three-letter word LOW! From April onwards the country was plagued by a never-ending series of Atlantic low-pressure systems that drenched the country with monotonous regularity. It made moth recording frustrating at best and utterly miserable at times. Low temperatures both by day and night led to low numbers of moths being tempted to the traps. We got to a point where we started to cancel moth nights because of becoming sick and tired of getting cold and wet. There were, all too brief, warm periods at the end of May and July and with August being adequate that was as good as it got. Otherwise the last nine months were pretty disastrous. We apologise in advance for some terms, like cold and wet, being repetitive, but it's just a reflection of the year.

January

It will come as no surprise that our first trip of the year was to Chaddesley Wood. However, it was the first time that the weather had been good enough to go on the first Saturday of the month...in January! With us not having been able to do it before we were intrigued by what we may catch at this point of the year. Martin Kennard was also keen enough to join us and another trap arrived with Wood Warden Mervyn Needham and his wife Rose to take the total to six. With the gate having been stolen, access to the main body of the wood was unavailable due to a temporary barrier having to be erected. That didn't provide a problem for us as we had previously decided to run the traps from the gate straight up the track and so didn't require further access. Everyone was delighted to find moths in each trap and so felt justified in making the effort. By the end we'd amassed a very creditable ten species and almost a hundred moths. There were no major surprises amongst them as **Spring Usher** accounted for half the moths caught. **Early Moth** and **Northern Winter Moth** were also represented. The only species to be recorded singly was **Oak Nycteoline**.

With job done we were home by 11 p.m. having got the year off to a good start.

With the reasonably mild weather holding on, Alan decided to try another first and go for an inaugural January visit to Ryton Meadows. As usual though the wind proved a problem and the traps ended up down in a sheltered ditch! However, there was early activity and the odd moth arriving, so it was worth the effort. Martin joined Alan after he'd finished work and a little later Anna Ryder arrived hoping to see her first ever **Spring Usher**.

Thankfully, that was one of the species that had arrived at the traps. She couldn't stay long but was pleased that her effort in visiting had been rewarded. As the evening progressed the wind changed direction and got stronger, so Alan decided to pack up. A pleasing nine species had been recorded with **Acleris ferrugana** and **Satellite** amongst them. The star though was a fifth county record of **Acleris logiana**. January had proved quite productive and started the year off well.

February

The first trip of the month was as usual, to Chaddesley Wood. However, it wasn't until mid-month as the proposed date was beset by bad weather and cancelled. We made such a late decision to go that it was already dark when we left home and so couldn't let anybody else know we were going. It proved to be a good decision to go because as soon as the traplights were switched on moths came flooding to them. We just sat and watched for a while before actually seeing what was arriving. It was a mild and continuously cloudy night and it took quite a bit of time to count the moths and the last light went off just before midnight. The result of our four and a half hours trapping was over 600 moths of a dozen species. Unsurprisingly, the most numerous species was **Tortricodes alternella** (357) with **Spring Usher** second (119). Coming in a surprise third place was **Small Brindled Beauty** with a particularly pleasing 57 individuals. It was a happy journey home after such a good night, a feeling that was to become all too rare during 2012!

The only other trip this month was a first visit of the year to Alvecote Wood. This site had never been recorded at this time of year and so we expected to get some good records for a very under-recorded decade. After the warmest February day in over a decade we hoped for a good night and Martin and Keith Warmington joined us. That meant five traps were set up and similarly to Chaddesley, as soon as they were switched on the moths started arriving. Also just like Chaddesley, *Tortricodes alternella* proved numerous providing over 70% of the total number of moths recorded. It was one of nine new species for the site with **Pale Brindled Beauty** and **Dotted Border** being a couple of the others. Our congratulations go to Martin who set a trap specifically to catch **Early Moth** and just when we thought it wasn't going to arrive found one resting on a grass stem next to it.

March

After our recent good nights out it seemed everybody wanted a piece of the action as we had a tremendous turnout to begin a magnificent March for the scheduled night at Chaddesley. We were joined by Martin, John Finlay, Scott Hackett, Hilary & Geoff Harvey, Pete, Belinda, Lucy & Emily Burke and from across the Gloucestershire border Steve Chappell and Roger Ward. It was a good job the previously stolen gate had been replaced and we had access to the wood! With a dozen traps scattered around the main wood Martin decided to put one of his actinics in the never before trapped Coalpit Coppice a short distance away. With the cloud coming and going the temperature did drop considerably at times but overall there were enough moths to keep everybody happy without having to spend too much time counting up at the end of the night. The result of everyone's efforts were almost 400 hundred moths of over twenty species recorded in Chaddesley and Martin's lone actinic in Coalpit Coppice managed 50 moths of nine species. Some success was had looking for flightless females as both **Spring Usher** and **Dotted Border** were found. Some of the other species found with more developed wings were **Yellow Horned, Shoulder Stripe** and a superb **Dotted Chestnut**.

Our next trip called for us having a plan A and Plan B before setting off, as we knew there had been work undertaken in Waverley and Weston Woods over winter. We weren't sure if the track would be drivable and as Martin and John would be arriving later we made sure they knew where we would be if not at Plan A. It turned out that even though the track looked OK it was dangerously slippery and the car kept grounding in the middle due to the bad ruts left by the work. After attempting to drive in we were lucky to be able to turn round and get out again. We decided it certainly wouldn't be safe for Martin or John to try it in the dark and so plan B was put into action. After leaving a note on the gate we headed down the road a couple of miles or so to Ryton Meadows. It was breezy as expected, but we did find some shelter on 'Scrub Hill' and quickly set up. Then Alan went to try and find the most sheltered places for Martin and John to set up when they arrived. Unfortunately, there had been more gates erected over winter which had padlocks on that we didn't have a key for and would prevent easy access to the most sheltered parts. When Martin and John did arrive Alan couldn't get to them quick enough to stop them lugging equipment across the meadow only to find out about the gates. After some discussion, a decision was reached about what to do and in the end all six traps were up and running. Here we feel the need to put a message to Mike Slater- Please keep us informed of changes at Ryton Meadows it would save us a lot of grief and unnecessary effort. It only takes a minute to call and let us know. Anyway, the night proved reasonably productive with over twenty species recorded. **Small Quaker** was the most numerous (176) with *Acleris hastiana*, **March Moth, Engrailed** and **Red Chestnut** amongst the other species found.

A week later we headed down to Gloucestershire and finally made it to Breakheart Quarry where Steve Chappell was waiting to greet us. When we were supposed to go last year but the car failed us en route and we never made it. Steve showed us round some of the site before darkness descended and then we set up five traps between us. It was a bit weird seeing bluebells in flower so early in the year but they were on a south-facing slope. The wind was a factor tonight but we still had moths to see in every trap. By the end we'd amassed almost 200 moths of nineteen species. Most numerous were **Hebrew Character** (37), **Common Quaker** (36) and **Diurnea fagella** (32). **Caloptilia stigmatella**, **Agonopterix ocellana** and **Dark Chestnut** were some of the other species recorded.

A few days later Alan gave Anna a late call to see if she wanted see some moths. She asked "when" and Alan said "Now!" She was free and so they agreed to meet at Chaddesley Wood. It was already dark when Alan drove past the usual meeting place to see that the gate had been stolen again! It didn't matter tonight as he was already going to a different entrance. Even though it was dark, a leisurely setting up of the traps was undertaken. As soon as the first of the three was switched on moths started arriving from every direction in large numbers. After another twenty minutes or so the last trap was lit. On returning to the first trap it was found to be full already. Anna wanted to start counting straight away, as she was a bit overwhelmed! However, she had a cuppa instead and watched as hundreds of moths descended into the traps. She then decided to return to her trap and try and count what had arrived. It was quite a struggle, as she wasn't used to seeing so many moths. However, she made a good attempt but decided it would be prudent to let Alan help if she wanted to get home at a reasonable hour. Finally, the job was done and Anna headed for home around 1:30 a.m. Alan took another couple of hours to finish his two traps before managing to do the same. The results were just what Alan had hoped for, as the count of **Small Quaker** was 1,232, **Common Quaker** was a distant second (148) and **Oak Beauty** was third with an impressive 106. **Twin-spotted Quaker** also managed a good showing with over 50 recorded amongst the nineteen species for the night. The star moth though was a pristine **Blossom Underwing**.

A busy March continued as we met Martin at Hay Wood. It was a clear night but, with no wind at all, the moths seemed keen on flying and it proved to be an interesting night with three species added to the site list. One of which, **Pammene giganteana** we'd particularly been hoping for. It was another long count up as almost 1,500 moths of 28 species were recorded. Good numbers of **Semioscopis avellanella**, **Early Tooth-striped** were found together with three **Pine Beauty** and a single **Dotted Chestnut**. It was fairly foggy when we set off for home after 3 a.m. but we'd had an enjoyable night.

Our next trip the following week was a bit of a long shot. We'd agreed with Martin to try and find the elusive **Barred Tooth-striped** at a site with lots of wild privet. However, not having been there before, we were told it's somewhat tricky to find and so we all met Mike Slater in a lay-by and followed him to the entrance to Harbury Spoilbank North. Despite previous planning the site was locked and we joined Mike on his wander to find the key holder. That done and finding out all about the amazing collection of American trucks the key holder restores, we finally gained access to the site. After a quick tour round with Mike, we set up five traps (3 actinic and two MV's). Another clear night coupled with a nagging breeze didn't make it a perfect night but we thought it worth a go. Most of the time was spent searching the privet with torches before we decided to call it a night and count up what we had got. All eighteen species caught were new for the site so even though we didn't find our 'long shot target' it was a productive night. **Streamer**, **Early Thorn**, **Powdered Quaker** and two more **Dotted Chestnut** were amongst the species recorded.

It was to the opposite end of Warwickshire from the previous night that we travelled as we made another visit to Alvecote Wood. A total of eight traps were set up after Keith, Martin, John, Scott and Anna joined us. The combined factors of the wood being somewhat isolated and that it was a windy night, meant that we didn't have the optimum conditions to record in. One of the woods owners, Sarah Walters, also joined us briefly and we made a round of the traps before returning to the 'tea shop' for refreshments. However, all the traps did have some moths and fifteen species were found of which five were new for the site.

***Agonopterix alstromeriana*, *Emmelina monodactyla*, Water Carpet** and **Clouded Drab** were amongst the species recorded.

So ended a very busy but profitable month moth recording wise. It was also the end of the previous eighteen months of drought conditions.

April

As Monty Python would say "...and now for something completely different!"

The first Saturday of the month is usually reserved for Chaddesley Wood, but Alan had a special event to attend in Cambridge, which would make it impossible to do both. Thankfully, Steve and John stepped in and with Rose helping, by giving them access the continuity of recording at Chaddesley was maintained. They did an excellent job and even managed a first for Chaddesley with **Powdered Quaker**, **Frosted Green**, **Purple Thorn** and **Early Grey** were also amongst the 26 species they recorded. We extend our grateful thanks to Steve, John and Rose for covering in our absence.

Our big project for the year was to try and record Weethley Wood, which had only ever been done sporadically in the past. We had received an official permit and a golden key from the Ragley Estate and were looking forward to getting the site list up to somewhere near respectability. For our first visit of five that were planned, we arrived early so that we could survey the site from top to bottom and make a plan for the years recording. Martin, Steve and Anna joined us for a long wander around the wood and it was almost dark by the time we arrived back where we'd parked and started setting up the traps. Anna had to go early and so didn't run a trap. With the temperature already below 5°C as we switched on, hopes weren't high for a big catch. That premonition was justified as the eight traps managed to attract just over one hundred moths of fourteen species. However, four were new for the site and with Martin finding other moth signs (Mines, Cases etc.) on our walk, the final count would be 24 species with eight new for the wood. ***Acleris ferrugana***, **Muslin Moth**, **Lead-coloured Drab** and **Powdered Quaker** were some of the new species found. The temperature had managed to stay .1 of a degree above freezing by the time we left for home!

One of our favourite places was next - Middleton Hall. However, it was our first visit since the departure of caretakers Bob and Fen so we thought it better to arrive early and introduce ourselves to John and Andrea the new incumbents. After the introductions John came on a tour with us so we could show him what we were used to doing. With everything agreed with no problems we got to setting up. Even though it was another clear and cold night Steve, John, Roger, Keith and Chris Johnson also joined us. However they were aware that we should have somewhere nice and warm to relax in while we caught nothing! The nine traps managed to attract a staggering total of 25 moths between them. Amazingly, one of the ten species, **Parsnip Moth *Depressaria heraclei***, was new for the site! One of Steve's traps and John's tied for the best with six moths each! Both Keith and ourselves managed none at all, although we did try and claim and unidentified *Agonopterix* that was on the outside of the 'tea room' window! The reason for the lack of moths may have been the ice that had formed on most of the traps as the temperature had reached – 0.9°C by the time we all gave up! Then we had to scrape the ice off of the cars as well as the traps before being able to head for home.

Another visit to Alvecote was to end a miserable month of mothing. It fitted right in with the rest of April as four traps managed to attract a grand total of 40 moths (a spectacular night compared to Middleton the previous week!!!). Keith and Chris joined us tonight and Anna briefly came to sort out a future mothing venture with Chris. It wasn't so much the cold tonight but a persistent wind and regular light showers that dampened everything. The only success of the evening was that Steve Lane (Warwickshire Beetle Recorder) also joined us early on and rushed around finding all sorts of beasties. He was impressed with what he was finding and so were we, as his list was four times longer than ours!!! Thankfully, everybody agreed to calling it a night early and we headed home to somewhere warmer, less windy and drier.

May

A new month but it was the same old cold weather. At least we were back to lead the Chaddesley Wood event again. Martin, John, Roger and Steve were the usual suspects who were running traps and we had a local addition in Peter Beasley who had joined Steve and John last month. Relatively new to mothing, Peter would bring a trap in future and we would give him all the help or hindrance we could! He did well to stay with us until the end tonight, as it was his wedding anniversary the following day! Most of the time was spent huddled around the 'tea shop' as nobody was particularly inspired to go and look in the traps. There were no dissenters to the idea of packing up early, as there wasn't much to see. An appalling total of a dozen species were recorded.

An astonishing 76% of the 150 moths found in the ten traps were ***Adela reaumurella***, with **Brindled Beauty** and **Lunar Marbled Brown** being amongst the others. The only good news was that it stayed dry – result!

The following night was our second visit to Weethley Wood. We'd decided to try the opposite end of the site tonight to see if our golden key fitted that as well. It did and so a convoy of vehicles made its way into a very wet wood. Trapping locations took a while to sort out as between Martin, Steve, John, Roger, Anna and us there would be twelve. In the end we don't think it made much difference where they were put, as there was barely anything to catch. At least the walk between seeing nothing and nothing kept us warm. In the end the big competition of the night was to see how many different 'species' of empty egg box we could find! Discussions about old, new, size and colour of egg box raged most of the evening. It was concluded we'd all reached some sort of state known as 'mothing madness'! It's just a notch up the nutty scale from 'normal' mothing, which is just mad! The sum total for the night's activities was 36 moths. Thanks to Martin (mines, larva etc.), seventeen species were recorded, nine of which were new for the site. The memory is a bit hazy about who amongst us were directly admitted to a sanatorium on exiting the wood! The authors of this report were then advised to take a fortnights trip to somewhere far, far away.

That we did, as the U.S.A. beckoned for some warmth and relaxation. However, it didn't mean the end to mothing activities, as a **Mournful Sphinx** was discovered on the Dolphin enclosure at Sarasota Aquarium and regular nightly forays around the streets of Chicago produced many a moth off of security lights. They included familiar species like **Large Yellow Underwing** and **Herald**, migrants such as **White-speck** and amongst the exotic were **Bent-line Carpet** and **Ailanthus Webworm Moth**.

We appeared to bring a little of the warmth we'd been having across the pond home with us and two days after our return Alan joined David Brown's event at Oversley Wood. Val was a little jetlagged, which is another way of saying she'd been in the pub all afternoon and so didn't feel up to going mothing! Alan arrived to find a large queue of vehicles waiting to enter the wood. Some of the people he hadn't seen for ages, which was a bonus. However, with so many people and traps (somewhere around 20) it would be impossible to get round them all, as Oversley is a large wood. With Roger and Steve never have been to the wood before Alan decided, with Martin's help, to sort them out and let everybody else look after themselves. It was a nice mild starting temperature but it did drop a bit lower than hoped. This made for a good, but not overwhelming night and so it was fairly relaxed. David Brown was happy, when he found his target species of **Pauper Pug** and so decided his job was done and began packing up. The usual suspects took it easy and left when we were ready, which turned out to be around 4 a.m. By that time the eight traps within range had amassed 120 species recorded. Amongst the micros were ***Alabonia geoffrella***, ***Spuleria flavicaput***, ***Cnephasia communana*** and ***Cydia coniferana*** whilst some of the macros were **Barred Hook-tip**, **Barred Umber**, **Pale Tussock** and **Least Black Arches**.

June

Another new month and the weather had returned to dreadful. On arrival at Chaddesley Wood for the monthly session there was only drizzle in the air, so after consulting with Steve, Roger, John and Peter who had brought his trap for the first time, it was decided to give it a go. That proved a mistake because just as everything was set up and switched on the rain started properly. It then proceeded to get heavier until it reached torrential proportions. Welcome to a British summer – we wanted to returned to the U.S.! Unfortunately for Peter he only had one umbrella and that quite rightly covered his trap. The rest of us veterans always bring more umbrellas than traps! Experience can be a wonderful thing. We all did only one round of the traps before deciding to pack up as that would be a slow process trying to keep the moths safe for release. Oh yes, there were some moths that were as daft as us, a grand total of 123 to be precise, of 34 species. Two of them turned out to be new for the wood, ***Stigmella atricapitella*** and ***Alabonia geoffrella***. The other positive thing was that we only had eight, **Brown Silver-line**, when we would normally get inundated at this time of year! Some of the other daft macros were **Flame Carpet**, **Lobster Moth** and **Ingrailed Clay**. There wasn't one of us who were disappointed to be going home after a thoroughly miserable night. Alan blamed the awful weather on The Queen due to it being a double bank holiday weekend and so the weather would be twice as bad. It's a theory!

Two days later we tried Weethley Wood for the third time this year. Yet again it was perishingly cold but remained dry – hurrah! To assist us with the recording effort tonight were Martin, John, Roger and Anna. Our special guest from deepest, darkest Berkshire, Les Finch also joined us. Les was especially helpful, as his vehicle could get a lot further up the sodden track than the rest of us. Anna was dealing with a sprained wrist and ankle and so didn't want to go too far. She was devastated when she saw the muddy state of the track and so had to put her trap right next to her camper van! So, eventually all nine traps were up and running, as far away from the puddles as possible because moths are not great swimmers. Due to the cold it was a decidedly mediocre night, but we did manage to record over 50 species. More pleasing was that 21 of them were newly recorded for the site. They included ***Coleophora betulella***, ***Carpatolechia proximella*** and ***Isotrias rectifasciana*** amongst the micros and **Devon Carpet**, **Buff-tip**, **Dark Sword-grass** and **Beautiful Golden Y** being some of the macros.

Next was our annual visit to Focus Optics where Keith, Martin, Roger, Scott, Hilary and Geoff joined us. We also had a welcome extra trap provided by Ros and Steve Smith to make it ten in all. Yet again the sky was clear and it was cold...very cold! Thankfully, we always have a nice warm room to sit in thanks to Tim's hospitality. The temperature was more like January than June and on the second round of the traps it managed to reach 0°C. That was a signal for everyone to give up. Amazingly every trap did manage to catch some moths, as we struggled to only 135 of 51 species with sixteen being new for the site. We had already told Tim that we would try the same Saturday next year as there was no way we had caught what we should have done. Highlights were that it stayed dry again and ***Elachista argentella***, ***Pseudatemelia flavifrontella***, **Purple Bar**, **Lime-speck Pug** and **Brown Rustic** amongst the moths.

Alan was then off on his annual trip down to Essex for three nights. It was a dreadful visit nothing-wise. The first two nights were very wet and extremely windy, whereas the final night was clear and extremely cold. He couldn't even manage to record a hundred moths on the three nights added together! There were no species that were newly recorded for the garden either. So highlights are a struggle to pick, maybe ***Argyresthia cupressella*** and **Light Brocade** were about the best.

On Alan's return we had another night booked at Middleton Hall, but as it was supposed to be wet and windy we didn't expect many people to arrive. Only Martin and Roger were expected but we also had a bonus trap supplied by Steve Smith. So five traps were set up and we retired to the canteen. We had another surprise visitor in the shape of Derek Brumbill who, along with others, were trapping on the adjacent RSPB Reserve. We surmised later, that he probably only came to find out whom had put a trap in one of 'their' spots. It turned out that it was one of Martin's as his usual track was flooded, and as we didn't know the RSPB lot were going to be there, he had found an alternative. Well if they will show up after dark... We did invite Derek's companions to join us but all we had was one brief visit to get a moth identified. We did visit them however and wondered why they preferred to stay out in a cold, windy field rather than partake of the palatial canteen surroundings. Each to their own! Steve was the first of our lot to leave and we all followed slowly afterwards. There was no great panic as there wasn't a lot to count and remarkably the night had stayed dry. Only 182 moths of 72 species were recorded in the five traps. Only two made it into double figures ***Celypha lacunana*** (14) and **Ingrailed Clay** (24). Other species found included ***Cochylis nana***, ***Orthotaenia undulana*** and ***Epinotia demarniana*** amongst the micros with **Peach Blossom**, **Figure of Eighty**, **Sallow Kitten** and **Beautiful Hook-tip** some of the macros.

Our annual trip to Alcester Grammar School playing field was next on our agenda. We were pleased to find the field was well drained and we could drive over to the River Arrow LNR entrance. One of our regular spots in South Field was waterlogged though and so we had to choose somewhere else to put that trap. The other spot on the track was fine. It was fairly quiet tonight as there weren't as many students taking part in the sleepover and once they had all departed for their bat walk we headed for the car to wait for dark. When Alan was away switching the traps on, Val had a visit from a man informing her that there was a car parked outside the playing field gate with its rear door wide open. As Val was the only one around she thought she better go and stay with the car until somebody came back. Luckily we expected it to be a slow night and so Val had taken a book to read and thankfully the car was parked under a streetlight so she could see the words! Alan finally found out what was happening and thoughtfully took her a stool to sit on while she was waiting. It must have seemed a very odd sight to the locals. The people living opposite must have been concerned (or nosey!) and came to ask if Val would like a cup of tea while she waited. The most shocking thing about that was... she declined the offer! After an hour or so one of the teachers showed up and finally identified the cars owner. It was Martin German's. Once that was declared a chorus of "we should have known!" rang out! Eventually a rather sheepish Mr. German arrived to close his car door. We do thank Martin as he has given us something to write about, as the nothing was abysmal. It was clear and cold with not even one hundred moths recorded and only 33 species. However, one was new for the site and that was **Clouded-bordered Brindle**.

~~Flaming~~ (Add you own F-word here! We suggest frustrating!) June continued towards the first of the National Moth Nights for 2012. We met Martin, Keith and Chris at the entrance to Purley Quarry. As the weather had been so wet we decided to leave the cars at the top of the hill and then go in search of any shelter from the drizzle that was already falling. It was a struggle but we all managed to get the traps up and running with umbrellas covering all of them. Our traps were in a, seemingly windless, area with the umbrellas held down with some of the quarry rocks. We enjoyed a brief dry spell and a cuppa before a tour of the traps and the return of the rain. On arrival at our traps we found the Umbrellas had somehow been dislodged from their trap sheltering positions. How that happened was a mystery, as there was still no wind blowing! Martin found that one of his umbrellas had folded itself down over the trap. It was all very weird. However, the third time all this happened was the last time, as one of our traps had been almost destroyed and dragged across the quarry. Enough was enough and we packed up. With everyone helping it didn't take too long and it spurred the others to follow suit. We returned the help given to us and on the shortest night of the year it was still dark when we all gratefully set off for home. This was the most miserable moth night we've ever had. A quite pathetic 80 moths of 41 species were recorded from the six traps. The only highlight was getting home!

The following evening for the second of the years National Moth Nights we joined Steve Chappell at his Breakheart Quarry site. The good news was that it wasn't raining and we had a nice warm room to sit in. The bad news was that there was a near gale blowing and it was cold. However, after setting up we retired to the room provided and pretty much stayed there until we felt we had to do one tour of the sixteen traps before packing up. None of the traps had that many moths in so it didn't take too long to go round and packing up was a lot easier than last night. The night produced 99 species and less than 500 moths. With sixteen traps at what should have been the peak of the year that was a disappointing result. The highlight was Val seeing her first ever **Lunar Thorn**. Thanks are due to Steve for organising the event so well and providing us with a sanctuary to rest in after the previous nights fiasco.

For the third National Moth Night we were supposed to be going to Bishop's Hill but it was cancelled before anyone left home due to yet more appalling weather. That proved a great relief for us all!

A few days later the weather had improved slightly and Alan decided to revisit Breakheart Quarry with Steve. It was a mild and humid night with intermittent rain but with a lot less wind there were plenty of moths flying. The rain was a minor annoyance as there were actually moths to see for once. With five traps set up it took a while to do a tour with something other than rain in them! It was long after dawn before the counting up was done. A much more realistic total of 147 species were recorded and almost double the number of moths that were had in the sixteen traps on National Moth Night. Some of the highlights were an adult ***Psyche casta***, ***Elachista gangabella***, ***Eucosma obumbratana*** and ***Assara terebrella*** amongst the micros with **Pretty Chalk Carpet**, **Blomer's Rivulet**, **Privet Hawk-moth** and **Red-necked Footman** some of the macros. After getting home Alan found the garden trap was full of moths for a change and amongst them was our second ever **Golden Plusia**. As it took a while to count that trap, Val was already up and having breakfast so was able to see the moth before going to work, which was a good start to her day.

With the month nearing its end we returned to Alvecote Wood with Keith, Scott and Roger. The wind was a factor tonight, but we found the most sheltered spots to put the five traps. It was quite mild with occasional drizzle but not too bad. We did have moths to see which was a bonus and meant we only managed one tour of the traps before counting up. That of course was when the rain started properly just to dampen our spirits! The result was just over a thousand moths recorded of 101 species with over half being new for the site. **Green Oak Tortrix** provided a large proportion of the total with 440 counted and there was a very late ***Epiblema cynosbatella*** still hanging on. **Blotched Emerald**, **Scorched Wing**, **Elephant Hawk-moth** and **Dark Dagger** were some of the macros found.

After much debate, for the last trip of the month we finally decided to join David Brown at Cross Hands Quarry. Due to the direction from which we approached we had no problem finding the meeting place, however a lot of the others joining the event went sailing past. It was quite amusing watching faces you knew looking confused as they drove by and seeing how long it took for them to return! It was all due to the Cross Hands pub being renamed something completely irrelevant to do with a goose! We had a spectacular night here a few years ago, although the weather was slightly different then, as it was perfect. Tonight was about as opposite as you could get with a freezing cold, strong wind blowing continuously across the quarry. The other bad news was that the site has had some 'restoration' done, which generally means destruction! So the quarry was in a fairly poor state compared to our last visit, which was more than a little disappointing. Roger was one person who was daft enough to join us. He and Alan investigated the quarry for quite a while before deciding on where to put our traps. We decided to run one trap each as there wasn't enough shelter for anymore to make it worthwhile. As usual, after setting up, David led most of the other people attending back to the pub. That gave us an opportunity to visit the other six traps and record any micros. When we reached Roger's trap a distant firework display was provided by the 'last night of the proms' in Shipston-on-Stour, which passed a bit of the time. On our tour round Alan had recognised a moth and thought it was possibly a first county record. Later he confirmed that ***Metzneria aprilella*** was indeed a first for Warwickshire. So it was just as well we looked in David's trap, as that would have been missed. For the end of June it was a pitifully low count of less than 200 moths and only 63 species in eight traps. However, we felt justified in going by finding that county first. Other species recorded included ***Coleophora lineolea***, **Broad-barred White**, **Tawny Shears** and **Plain Golden Y**.

July

Being absolutely sick of getting cold and wet we called off the scheduled visit to Chaddesley Wood. So the first trip of the month was to Bishop's Bowl Lakes. That didn't start too well as the journey consisted of very heavy thunderstorms and aquaplaning down the M40! Before even considering getting a trap out of the car we put an umbrella up where it might potentially go. Then we waited for the rain to stop before any more action was considered. Roger arrived and joined in the waiting mode. Then Mike Slater came closely followed by a student called Emily Drinkwater. She had never been on a moth night before and so was interested to see what would go on. Well not much until the rain stopped! Sarah, one of the site owners then arrived, surprised but pleased that we were there and we had a chat about this and that before she departed. Scott turned up trap less, as he had an early start the following morning. The only person missing was Martin, who never did arrive having had car trouble en route. So it was just Roger and us who put up three traps as the storm had finally passed. With little or no wind and the skies clearing the temperature dropped but we still managed to attract a few moths to impress Emily. A creditable 77 species were found by dawn. The micros included ***Coleophora trigeminella*** (for the second time at its only known Warwickshire site), ***Phalonidia manniana*** and **Ringed China-mark** while some of the macros recorded were a particularly dark **Lackey**, **Swallow-tailed Moth** and **Flame**. So in the end this night turned out not too bad from an unpromising start.

Almost a week later we headed south to join Steve again. This time he had arranged to visit some old orchards so we could search for the Mistletoe Moth ***Celypha woodiana***. It was to be a two-site strategy with Steve having already set four traps up in Day's Orchard while we would be in Upper Wells Orchard. All the trees were smothered in mistletoe and prospects looked good. The only others to take a chance on the weather were Roger and we were delighted to see Graham and Anona Finch had made it all the way down from Leicestershire. After a quick tour of the orchard we all got to the setting up of seven traps. Roger went the furthest up hill but was rewarded with spectacular views of the surrounding countryside. Despite the cool temperature the traps did attract moths due to the lack of any wind. It was a relatively relaxed night as there were just enough moths to keep you interested without being overwhelmed. Alan did make one trip up to the orchard where Steve had his traps and helped him do a count before returning so we could do the same. However, half way through doing Roger's trap the lights went out. It wasn't too surprising as Alan had said the genny might need more oil at some point tonight. So after putting both oil and petrol in the genny we could finish counting knowing the lights shouldn't go out again. It was beginning to look as if we wouldn't catch our target species but Steve arrived just before we'd finished counting and produced a fresh specimen of ***C. woodiana*** to everyone's delight and relief. Graham then got busy with his camera while we finished packing up. We finally finished around 5 a.m. satisfied with our night's efforts. The two orchards had produced a grand total of 1,308 moths of 147 species recorded, including our target. The night had been dry and we were all ready for breakfast! Other moth highlights included ***Eidophasia messingiella***, ***Coleophora kuehnella***, **Thistle Ermine**, **Blue-bordered Carpet**, **Triple-spotted Clay**, **Sycamore** and **Lunar-spotted Pinion**.

The following night Alan decided to get a Chaddesley Wood visit done. It wasn't a great night weather-wise and so he didn't inform anybody else. It was yet another cool night with the threat of rain. Thankfully, when the rain did arrive it didn't amount to much and then the sky went clear. That was a 'clear' signal to start counting up. It was yet another poor count with only 137 moths recorded of less than fifty species. Was this really mid-July? There were few things of note but a pristine specimen of ***Epagoge grotiana*** brightened things up a bit while a single ***f. carbonaria*** of **Peppered Moth** summed up the mood of the year – black!

It was back to Weethley Wood next for our fourth visit. Val had been busy at Ryton Meadows Open Day but decided to give Weethley a go. The journey was similar to that of Bishop's Bowl. The roads were more like rivers as we got nearer the wood! When we arrived Val bravely went and opened the gate mainly thanks to Alan suggesting she put her boots on before we left home! Martin and Roger were the other two complete idiots to join us. However, they wouldn't bother getting out of their cars until the rain stopped. Thankfully it did, but we would be in for yet another cold night. As long as it stayed dry we would be OK. It was completely uninspiring but between us we did put up four traps and were pleasantly surprised that moths did arrive at them. It came as quite a shock that by the end we'd managed to record over 500 moths of over 100 species with 36 being new for the site. Apart from it staying dry all night other highlights were ***Coleophora adjectella***, ***Acleris logiana*** (yet another new site for this rapidly spreading species), and ***Pseudosciaphila branderiana*** amongst the micros while **Barred Yellow**, **Pine Carpet**, **Rufous Minor** and **Marbled White-spot** were some of the macros.

We'd had a long standing invite from Les and Martin Finch to record at their local site called Maidenhead Thicket and so that was where we went next. Thanks to excellent directions from Les we arrived at their house in good time. It gave us chance to catch up and meet Marion, Les' wife, who we'd heard so much about. After being shown all the ingeniously hidden traps in the garden, Alan went with Les to check out the Thicket while Val stayed with Martin and Marion for a very welcome cup of tea. It was a bit of an adventure driving round the Thicket as it was so wet, but it was time well spent and trapping locations were able to be agreed for later. After Alan and Les returned we had a brief moment of relaxation until it was time to go mothing. We were surprised by how much earlier it got dark 'down south' and had to switch the traps on as soon as they were ready. The weather wasn't too bad there was no wind and even with a clear sky the temperature only dropped slowly. We spent the night pottering around the four traps with Alan helping Les and Martin identify the micros, as they are only starting to get to grips with some of them. They were pleased that so many new species would be added to the site list. A reasonable final tally, of which more than half were micros, was 103 species. It included a new micro for us, ***Ethmia dodecea***, as well as, ***Metzneria lappella***, ***Acleris holmiana***, ***Scoparia basistrigalis***, **Least Carpet** and also **Rosy Footman** and **Waved Black** which are two of our favourite macros. We are grateful to Les and Martin firstly for the invite, secondly for their hospitality and lastly for staying out a lot later than they normally would. We hope the list made up for their lack of sleep!

There then appeared a chance that we were entering a brief period of decent mothing weather, the first since late May, so Alan decided to go to Ryton Meadows. As it was a late decision to go nobody else could make it so it was a two-trap night. Alan thought that would probably be enough to get his first solo 100 species night of the year. He was proved correct, as the final tally was 109. It included three new micros for the reserve, which were the unusual looking ***Stathmopoda pedella***, ***Ancylis achatana*** and ***Pammene fasciana*** as well as a very fresh specimen of ***Pyrausta purpuralis*** (see Front Cover). No new macros but **Large Emerald**, **Suspected**, **Olive**, **Dingy Shears** and an incredible 101 **Small Dotted Buff** (they included one tiny female which had Alan scratching his head for quite some time!).

A couple of days later Alan agreed to meet Martin at Hay Wood on a really good night for mothing. However, on arrival the gate lock had been changed from a key we could open to a combination, which we couldn't. Hastily, they set off to Weston Wood instead and hoped the track had been fixed. They found the track was now like a new motorway that nothing had driven on! It was brilliant and so in no time they were setting up the four traps in the fading light. Alan had joked, just as they were leaving from Hay Wood, that it might be wise to only put up a trap each tonight, as that would be enough! After the first trap was checked and contained over 60 species Martin was beginning to agree! After one round of all four traps they decided it would be a good idea to start counting. That was a great decision as it took a few hours before the final light went off. It had turned into a bit of a marathon and with no practice at dealing with that number of moths this year they did the best they could. It came as quite a shock to the system that they had amassed records for 186 species and counted over 2,000 moths between them. They included a county first record for ***Cosmopterix lienigiella*** and a second county record for ***Caryocolum kroesmanniella***. In all there were sixteen new species for the site, which included ***Coleophora sternipennella***, ***Coleophora versurella***, ***Gelechia sororculella***, **Barred Hook-tip**, a stray, ragged looking **Dark Umber** and **White Satin**. Martin's parting comment was " so that's what a proper moth night is like then!"

Another visit to Alvecote Wood was next up and for the first time this year we managed to arrive on a windless night! Keith, Chris and John were the others to be the first to trap out in the meadow behind the main wood. We'd been waiting to do this since we started going here but this was the first occasion when it seemed viable. We did put one of our traps in the wood for comparison but the others stretched from the top of the field almost down to the new ponds. As we were deciding where to put the traps Keith had spotted a Barn Owl flying along the hedgerows and we had a wonderful few minutes watching it. With it being relatively mild when we switched on there were plenty of biting bugs about so we spent quite a while at the 'tea shop' until they settled down. When the clouds disappeared and the sky was clear the temperature really plummeted and the bugs were a distant memory as everyone went to put on an extra layer of clothing! The temperature reached a low of 5.2°C and it felt like it too. However, the decent start had meant a reasonable number of moths had made it to the traps and so there was a fair amount to count. We all finally finished around 4:30 a.m. and everyone had new species to show everyone else. The six traps final tally was, 727 moths of 114 species with 32 new for the site. They included ***Coleophora trochilella***, ***Limnaecia phragmitella*** and ***Catoptria pinella*** amongst the micros with **Pebble Prominent**, **Swallow Prominent**, **Gothic**, **Miller** and **Scarce Silver-lines** some of the macros. We know that for the others seeing **Campion** for the first time was a definite highlight, but we are lucky enough to get that species in our garden on occasion, so it wasn't new for us. Despite the cold, it was a dry and good night's nothing with everybody used to carrying extra layers of clothing around this 'summer', nobody froze!

Our last trip of the month was back to Gloucestershire, but only just as the site was very close to the Oxfordshire and Warwickshire borders. Peter Hugo had invited us to have a look at the huge area around Gawcombe that he had recently got permission to record. We spotted Peter's car on arrival and parked awaiting his return. He wasn't long and Alan joined him on a quick tour of the site. As Val couldn't keep up she stayed at the car until they returned. By that time Roger had arrived and we all looked at the meadows nearest to where we parked and as we were disturbing so many moths just by doing that, decided to trap there. Peter decided to do another meadow directly opposite so we covered quite a big area but they weren't too far apart. After we'd all set up Pete Cranswick arrived to add another couple of traps to the recording effort. So with ten traps in two meadows we hoped for a good catch, as it was mainly cloudy and fairly humid. There was an occasional breeze but it didn't affect us too much. It turned into a proper all-nighter and the result of nearly 1,500 moths of 150 species justified it. The most staggering count was of **Shaded Broad-bar**, which topped 400! Some of the other species recorded were ***Mompha propinquella***, ***Epiblema sticticana***, ***Phlyctaenia perlucidalis*** and ***Stenoptilia bipunctidactyla*** amongst the micros and the macros included **Barred Rivulet**, **Haworth's Pug**, **Ruby Tiger** and **Blackneck**.

August

The first trip of August came as a bit of a surprise to Val. When returning from seeing a gig in Leicester Alan suddenly turned off the motorway and headed in to the countryside. After ten minutes or so we ended up going down a hill into the village of Wolvey and saw moth traplights visible in front of us. Anna, Martin and Keith had been at the Old Cricket Field Wetland Reserve since it got dark. Val knew they were mothing tonight but didn't realise it was so close to our journey home. Anna was highly amused when Val appeared dressed in sparkles for a moth night! Alan had been thoughtful though and had packed something more appropriate in the car for her to change in to. For the next couple of hours we 'glory mothed' until count up time when we left the three of them in peace. They had a good night with 130 species recorded with 25 being new for the decade SP 48. Highlight was probably the fourth county record for ***Oecogonia deauratella***.

The following night we were back in proper trapping mode at Chaddesley Wood. Steve was waiting by the latest new gate, which would finally give us access to Jubilee Ride again. John, Roger and local, now regular, Peter Beasley also joined us. We also had a new face tonight as Garry Barlow followed up his phone conversation with Alan and showed up as well. So there were nine traps tonight for our return to the main ride. While checking for any potential wind problems Alan and Steve disturbed one of the resident Slow Worms, which was a nice surprise. With everyone set up and switched on it was time to retire to the 'tea shop' and let Garry know how moth recording works at Chaddesley. I don't think he realised we would be there until it was light again, as at 5 a.m. he had an irate text from his girlfriend! We said we could have let him out at any point, but think he was enjoying the mothing too much! It turned into a reasonably good night with 122 species recorded which included ***Tinea trinotella***, and that was new for Chaddesley. Some of the other species recorded were ***Athrips mouffetella***, ***Zeiraphera isertana*** and **Small China-mark** amongst the micros and the macros including **Common Emerald**, **Dingy Shell**, **Barred Red** and three **Angle-striped Sallow**. Hopefully Garry didn't get too much grief when he finally got home!

We had a call from Martin to say he was going to go to Bishop's Hill the following night as it threatened to be dry. Despite the short notice Roger and John made it as well. Alan also gave John Sirrett a call on the off chance, as we hadn't seen him for ages. Amazingly, he joined us as well to bring our trap count for the evening up to six. Martin and John F. headed to the other side of the hill while the rest of us set up nearer the gate. There was a bit of a breeze but it wasn't too bad and the first time we checked the traps they were already quite busy. We all managed to get to the other side of the hill before the decision was made to start counting as it could take a while. We helped John S. count his so he could get away a little earlier before starting on our own traps. With Martin and John F. back from the other side of the hill we had just enough time to swop new species before the petrol ran out in the generator. By then it was light enough to see to pack up the rest of the trap anyway. It was no surprise it had taken so long to tally as we had ended up recording 1,381 moths of 175 species with seventeen new for the site. So it was a very good night for a change! Some of the micros were ***Eucalybites auroguttella***, ***Agonopterix liturosa***, ***Epiblema rosaecolana*** and ***Assara terebrella*** with the macros including a pleasing nine **Chalk Carpet**, **Scorched Carpet** and the biggest surprise for us was an **Annulet** which just rounded off the night well.

Steve popped up the M5 from Gloucestershire to join us for the annual event at Crown East Wood the following night. Richard and Carol, the wood owners, were concerned about the night clashing with the Olympics, but there seemed to be more people than ever turning up. Richard and Carol had done a fantastic job of clearing the paths in the wood and that enabled Steve to get one of his traps right down to the bottom, which hadn't been achieved for a long time. Once the four traps were ready Val could partake in the wonderful buffet. After the traps were switched on we had a quick check and found that one of Steve's was full of the infamously aggressive Crown East hornets. It must have been close to the nest and so would have to be shut down and moved to somewhere else. It was checked after the move and the major problem appeared to have been solved so we could relax again. So much so that we gave Carol a bag full of pots and said she should take people to the trap and pot anything interesting. It was an interesting experiment as when we got the call to say they'd run out of pots we thought we better go and see what they had caught. Quite a few caddis flies had been potted along with a lot of moths of the same species. It was decided that we should resume control and end the experiment, which provided much laughter! Most people managed one circuit of the traps and some even managed two but by the time it came to tally we were left alone thankfully as the traps were very busy. Just as we were finishing, the smell of cooking bacon was wafting around the wood. Perfect timing! While we were tucking into breakfast, Alan spotted a lot of bats flying passed and disappearing into the bat box by the gate. There were so many that at one point there was a 'bat jam' and some had to fly an extra circuit before being able to enter their daytime quarters.

When breakfast was finished and the final bat seemed to have entered the box it was our cue to head for home. It had been a very successful night, despite the early hornet problem, and more than 1,000 moths had been recorded for the second night in a row. Of the 124 species found ten were new for the site.

The micro highlights were ***Nemapogon clematella***, ***Teliodes sequax*** and ***Orthopygia glaucinalis*** with **September Thorn**, **Iron Prominent** and an impressive 106 **Lesser Broad-bordered Yellow Underwing** amongst the macros.

The following Saturday we arrived early for the annual 'moth and nosh night' at Windmill Hill, Nuneaton. However, we couldn't get into the car park as 1- the gate wasn't unlocked and 2- someone had parked right in front of it. So we waited for others to arrive. Chris, Lloyd and Sandra were first and so at least the gate could be opened. However, a search of the whole area didn't find the owner of the problem car. Alan decided to carry the traps in and start to set up and Martin followed suit when he arrived. By this time others were starting to arrive and Chris was busy trying to sort out alternative parking arrangements. Eventually he rang the police to see if we could get this thoughtlessly parked obstruction removed. Not long afterwards the owner of the aforementioned vehicle showed up...on horseback! Claiming not to know there was an event happening doesn't alter the fact that parking in front of the gate was a brainless act that caused an unnecessary problem. She should consider herself fortunate that she still had a car to return to and it wasn't towed! Do we think it will be a lesson learned – probably not. So after all of that Scott and John had arrived to complete the eight-trap line up for tonight. One of Martin's was, as usual, put in the adjacent Judkin's Quarry and would be checked later. After such an inauspicious start the night turned out to be the warmest, longest and of best the year. The regular attendees enjoyed their food (well done Sandra) and a chat before a tour of the traps where there was plenty to see. Soon after midnight it was just the usual suspects left to cope with counting their traps. That proved to be quite some task and took a few hours to complete. We finally achieved it well after 5 a.m.! The results were exceptional for this year with a grand total of almost 3,500 moths counted of 212 species with over 30 new species for the site. They included a second county record for ***Gelechia senticetella*** (the first being found the previous week!) and ***Elachista adscitella***, ***Catoptria falsella***, **Wax Moth**, ***Phycitodes saxicola*** being some of the micros and the macro highlights were **Bordered Beauty**, **August Thorn**, **Campion** and **Fen Wainscot**.

Next it was off to Gloucestershire again for the public moth night at Slimbridge WWT Centre. It was a definite case of déjà vu, as just like last year we arrived in the car park to find Steve, Guy Meredith, Tony Perry, Pete Cranswick and Roger sheltering under the toilet block roof as the rain fell. It did give us all time to discuss where to put our traps tonight. Guy headed out to the Holden Tower, Tony to the boardwalk, Pete did the usual trap under the gazebo, Steve tried somewhere new in the duck decoy, Roger plugged into the Peng Observatory and we ran a trap from there into the butterfly garden and also put one out of the wind by the toilet block in the car park, just for variety! The rain had fully stopped by the time the fourteen 'general public' arrived (which was a bit of a better turnout than last years when none showed up!). Pete gave his always-entertaining slide show before we did a tour of the traps to put moths in pots to look at over a cuppa and a biscuit. We had a very interested bunch tonight and several already had their own garden traps but came to see some different species. We think this was achieved, as we had a good night with no more rain and amassed records for over 600 moths of 108 species. Some of the micros were ***Luquetia lobella***, ***Mirificarma mulinella***, and ***Eudonia pallida*** while the macros included **Oak Hook-tip**, **Canary-shouldered Thorn**, **Large Ear**, **Saltern Ear** and **Red Underwing**. Despite the early rain it was a very successful night all round.

We returned for another visit to Alvecote Wood next where Keith and Roger joined us. The weather was reasonable and so we decide to split the four traps between the meadow and wood, which would make an acceptable circular walk round. The occasional breeze was annoying in the meadow but overall it wasn't too bad and by the end we'd managed to record 55 species with seventeen being new for the site. The micros included ***Approaerema anthyllidella***, ***Psoricoptera gibbosella***, ***Cnephasia genitalana*** and ***Eudonia angustea*** whilst the macros included **Yellow-tail**, **Marbled Beauty**, **Copper Underwing** and the first *f. fraterna* **Bulrush Wainscot** we'd ever seen. Our final trip of the month was also our last of the year to Middleton Hall. It was a familiar story when we arrived – it was raining! Keith and Roger arrived shortly after us and we were also joined by Steve Smith again and this time he brought Ros as well. We set up the five traps after the rain had stopped and thankfully the rest of the night was mainly dry with only the odd spot of drizzle in the air. As usual we spent most of the night in the palatial canteen taking the occasional trip around the traps. It was a slow and steady night and by the end we'd recorded 60 species. The micros included ***Zelleria hepariella***, ***Agonopterix arenella*** and ***Acleris emargana*** whilst amongst the macros were **Green Carpet**, **Vapourer**, **Six-striped Rustic** and **Pinion-streaked Snout**.

September

The following night was the scheduled Chaddesley Wood trip, but Val decided to stay in the pub rather than go mothing. So it was Alan alone who had to struggle through yet more road works in Bromsgrove. We've no idea why they resurface road in Bromsgrove as a week later they did them up again! With Alan being a few minutes late opening the gate it gave Steve an opportunity to check out Black Meadow. Steve thought it was dry enough to put some traps out and thanks to Mervyn and Rose bringing a trolley, John said he'd join him. Roger was also late arriving due to roadworks on the M5, as well as those in Bromsgrove. Garry had been 'let out' and Pete Burke and family made up the total of seven other traps scattered along Jubilee Ride. There were a couple of other visitors tonight as a guy named Rob had come from Shropshire to join us. Unfortunately, Alan didn't get much of an opportunity to speak with him due to organising and then having to GPS all ten traps, which were well spread. Another visitor arrived later called Katrina who had been going around the country taking photos of moth traps for some university project. She certainly hit the jackpot tonight with Emily and Lucy's trap being home made and a unique kaleidoscope of colour! Rose did a sterling job standing in for Val and providing refreshments. It was a slow and steady night and the species count finally reached a respectable 73 species. Two new species for Chaddesley were recorded with ***Cochylimorpha straminea*** being found in Black Meadow and ***Epermenia falciformis*** in the main wood. Some of the other species recorded were **Honeysuckle Moth**, ***Hypatima rhomboidella*** and **Garden Pebble** amongst the micros and included in the macros were **Pale Eggar**, **Yellow Shell**, **Black Arches** and **Small Wainscot**.

The following Saturday we made our final visit of the year to Weethley Wood. It was one of our better visits, as it was dry...all night! However, we did have a hornet problem that was an annoyance and it did get quite cold. Martin, Scott and Roger also joined us and so six traps were set up. Again it was a slow but steady night with 66 species recorded by the end. They included half a dozen names that we were able to add to the site list. Martin also found the mine of ***Stigmella roborella***, which added a further new species to ***Eudonia angustea***, **Lime-speck Pug**, **Feathered Gothic**, **Brindled Green**, **Lunar Underwing** and **Bulrush Wainscot**, which were found in the traps.

Anna had arranged another visit to the wetland in Wolvey and with no gig to attend this time we took traps! With Martin, Roger, Scott and Keith also bringing traps we decided we'd have a go at the churchyard next door. Being respectful of the vicar's instructions we set up our two traps, while the six other traps covered the wetland. It was cool and windy to begin with but the wind eased which made it feel a little less cold. The local environmental group had asked if Anna could leave some moths on pots for them to see in the morning so she was busy all night going 'potty'! With nobody wanting a particularly late night, we started counting up relatively early. The result was over 200 moths of 45 species recorded. ***Phyllonorycter rajella***, ***Elachista maculicerusella*** and probably the best find of the night ***Depressaria ultimella*** were amongst the micros, while included in the macros were **Dusky Thorn**, **Brown-spot Pinion**, **Centre-barred Sallow** and **Frosted Orange**.

The following night we met Martin at Bishop's Hill for what proved to be our final trip of the month. The next few weeks saw the weather deteriorate badly. It was a quiet night with just the three of us and we were disappointed that others didn't make it, as it was certainly one of the better nights of 2012. Martin, as usual, trolleyed his gear around to the other side of the hill, while we did the 'yellow land' as it's known locally. Moths arrived at the traps steadily from early on and that kept us busy on our tour round the four, as there was always something to see. It was such a nice night that we decided to go back over the hill instead of round it. With no wind at the top for a change, we just sat and took in the great views for a while until the need for a cuppa arose. With plenty of moths we decided to start counting after our second trip round. It took a while but we finished first and Alan then went to investigate how Martin was doing. He got to the top of the hill and noticed strange lights across the sky. As he could see Martin hadn't quite finished packing up, he went and fetched Val to see the phenomenon. The lights were quite regular going one way and then the other and we thought they looked like a man-made version of the northern lights. It certainly passed the time until Martin returned from the 'dark side of the hill'! After he'd seen the lights too we helped him back to the cars with his stuff and swapped pots with new species for the night in before releasing them and heading for home. Almost 400 moths had been recorded with ***Ypsolopha scabrella***, ***Cochylis hybridella***, ***Dichrorampha acuminatana*** and ***Platyptilia gonodactyla*** amongst the micros and **Treble-bar**, **Lesser Treble-bar**, **Black Rustic** and **Barred Sallow** included in the macros.

October

It was without great anticipation that we set off for the usual Chaddesley Wood session. It was cold and so we didn't have high expectations of a good catch. There was a nagging slight breeze when we arrived and so sheltered locations for traps were sought. Steve decided to have a go at the under-recorded 'Bridlepath end' of the wood while Martin, Roger, Peter and us concentrated around the shed area. Late arrival Steve Whitehouse put a couple of traps in 'Roy's Ride'. So, ten traps altogether and the big question was would we record more species than traps. With the skies clearing and the temperature plummeting it would be touch and go! The mention of the words 'let's count up' always seems to spark a late flurry of moth activity and tonight was no different. In the end we finished up recording eighteen species, after a very slow start. ***Scrobipalpa costella*** and ***Apotomis betuletana*** were a couple of the micros, with the most numerous moth being **Pine Carpet** (42) and **Autumnal Rustic**, **Blair's Shoulder-knot** and **Merveille Du Jour** included in the macros. We also managed to record adult male Land Caddis (*Eniocyba pusilla*) for another year.

Two weeks later a second visit of the year to Windmill Hill, Nuneaton was made. Val was having 'Tea at the Ritz' in London and so preferred being served than being the server and didn't rush back from London to go nothing! Thankfully we had no problem with badly parked cars this time and with Chris in charge, as Lloyd was away birdwatching, all went smoothly. An amazing ten traps were scattered across the site provided by Martin, Scott, Chris, Steve Chappell and Ros and Steve Smith. A great effort considering the relatively late notice that was given about tonight's recording session. The night proved extremely worthwhile as over 250 moths were recorded of 33 species with ten being new for the site. **Phyllonorycter messaniella** and **Scrobipalpa costella** were the new micros with **Dark Sword-grass**, **Brick**, **Red-line Quaker**, **Beaded Chestnut** and **Pink-barred Sallow** some of the new macros. The highlight of the night though was the Great Crested Newt (*Triturus cristatus*) that Scott found sheltering in the toilet (no - not the bowl!). It was a shame that not all of us saw it as it was during the count up at the end of the night. The newt was also a new record for the site.

With a short period of mild weather Alan decided to give Weston Wood a go. Martin and John also made it and so five traps were set up. It was a relatively slow night, which gave John a chance to show off his knowledge of fungi as they went from trap to trap. By the midnight packing up time a reasonable fourteen species had been recorded. Martin added the only new species for the site by identifying the mines of **Phyllonorycter lautella**. Other species recorded included **Diamond-back Moth**, **November Moth**, **Feathered Thorn** and **Satellite**.

The following night an impromptu return to Wolvey was made by Martin, Chris and Alan. It proved an interesting evening, as first Chris had to answer some questions from the local constabulary. That was all fine after an explanation. Then we had a visit from David, one of the local environmental group that Anna had been helping. He'd had a call from a concerned local and had come down to find out what was going on. It turned out that there had been an unfortunate delay with a response to Martin's e-mails about the moth recording session and so the information hadn't got passed on. Another couple of locals popped in on their way to and then returning from the local pub. With all our visitors the lack of many moths didn't really have much time to register. By the time we'd had enough of the consistent drizzle coming from the sky we'd managed to record eight species with three being new for the decade. So it was a good job done in the end. Amongst the species found were **Garden Rose Tortrix**, **Red-green Carpet** and **Silver Y**. The three of us certainly learnt our lesson though as, there is no way we're going to go through another chaotic night at Wolvey without Anna. It always runs smoothly when she's in charge!

November

Weather again intervened and the scheduled night at Chaddesley was cancelled. However, Alan did manage to get one last visit in the middle of the month. It was at such short notice that only Peter, the local, could make it. He'd only found out thanks to Val's 'emergency' e-mail from work. Alan was certainly grateful for the company and especially for the help putting the gate back together again on their way out. That was all due to the impatient local farmer who, Alan later found out from Mervyn, had knocked the post over getting hay out through the wood from his field behind Morgan's Ride. Anyway, three traps were set up and moths arrived now and again. John also managed to pop in for a while but had to get back to work so couldn't add a trap. After giving up waiting for a **Sprawler** that never did show up Alan and Peter called it a night and were quite content with the 106 moths of fourteen species that they did get. A fairly successful way to end the year considering what the majority of it had been like! The species recorded tonight included, **Ypsolopha parenthesella**, **Acleris sparsana**, **December Moth**, **Northern Winter Moth**, **Green-brindled Crescent** and **Yellow-line Quaker**.

Summary

2012 will not be long remembered as a great year for moths or their recorders despite a most promising start. We really hope the coming year will be better – a lot better! That will rely on how badly the moths have been hit by the consistent drenching of the already flooded ground and at what point the worst of the weather hit their life cycle.

Heart & Dart will be particularly interesting, as our garden count went down from 1,205 in 2011 to just 60 this year! We will have to continue the recording effort to find out the result of the 'year without a summer and only half a spring'! As ever we thank all the people who have helped us struggle through a particularly frustrating year and hope we all have happier time in the year ahead.

Clarification

All species mentioned in the text have been adults. No leaf-mines or cases etc. have been included unless specified. Difficult to identify species will have been confirmed via dissection.

Marion Finch

We would like to dedicate this year's account to the memory of Marion, who supported Les and Martin in their mothing endeavours despite suffering from a long-term illness.

We felt fortunate to have met this lovely lady before her sad passing in September 2012.



Butterfly Conservation - Warwickshire Moth Nights 2013

SAT 1st JUNE 8.00 pm

ROUGH HILL WOOD

Near Studley SP 050 637

Meet at car park off A448 Studley to Crabbs Cross road.

Target species: **Pauper Pug**.

SAT 22nd JUNE 8.30 pm

SUTTON PARK

Meet at PARK HOUSE INN car park (this is within Sutton Park). Enter through main town gate, then RIGHT, then LEFT into car park.

PLEASE BE PROMPT AS WE WILL MOVE AWAY IN CONVOY TO BLACKROOT HEATH at 8.30pm

Target species: **Silver Hook, Grass Wave, Alder Kitten**.

SAT 6th JULY 8.30pm

GAYDON LANDFILL/KINGSTON GRANGE FARM

1 mile NW of Gaydon off B4100 Warwick to Banbury road.

Meet at track to Kingston Grange off B4100 opposite Lighthorne Heath. SP 353 562

PLEASE BE PROMPT AS WE WILL MOVE AWAY FROM MEETING SPOT AT 8.30pm

Target species: **Chalk Carpet, Bordered Sallow, Blackneck**.

SAT 10th AUGUST 8.00 pm

WHICHFORD WOOD (NATIONAL MOTH NIGHT)

Entrance SP 296 343. 8 miles SE of Shipston-on-Stour. Travelling S from Shipston-on-Stour on A3400 take LEFT turn to Whichford after 4 miles. The wood is on the right a mile short of the village.

Meet at gate to track entrance.

Target species: **Mere Wainscot**.

SAT 31st AUGUST 7.30 pm

BRANDON MARSH SSSI

Entrance off Brandon Lane 3 miles SE of Coventry.

Meet in car park by visitor centre SP 386 761.

Target species: **Bulrush Wainscot, Webb's Wainscot**.

Further Information

For more information on Moth Nights or Butterfly Walks in Warwickshire see the Butterfly Conservation web site at: <http://www.warwickshire-butterflies.org.uk>

Or contact:

David Brown on 01789 840295 / 07977 379330

Keith Warmington on 01827 715873

Moth Nights 2012

Date	Site	Traps	Species	Individuals
07/01/2012	Chaddesley Wood, Worcestershire	6	10	95
11/01/2012	Ryton Meadows, Warwickshire	2	9	23
17/02/2012	Chaddesley Wood, Worcestershire	2	12	636
23/02/2012	Alvecote Wood, Warwickshire	5	13	427
03/03/2012	Chaddesley Wood, Worcestershire	13	23	438
09/03/2012	Ryton Meadows, Warwickshire	6	20	380
16/03/2012	Breakheart Quarry, Gloucestershire	5	19	186
21/03/2012	Chaddesley Wood, Worcestershire	3	19	1,683
23/03/2012	Hay Wood, Warwickshire	5	28	1,442
29/03/2012	Harbury Spoilbank North, Warwickshire	5	18	129
30/03/2012	Alvecote Wood, Warwickshire	8	15	162
14/04/2012	Weethley Wood, Warwickshire	8	14	117
20/04/2012	Middleton Hall, Warwickshire	9	10	25
26/04/2012	Alvecote Wood, Warwickshire	4	7	40
05/05/2012	Chaddesley Wood, Worcestershire	10	12	150
06/05/2012	Weethley Wood, Warwickshire	12	10	36
26/05/2012	Oversley Wood, Warwickshire	8	120	739
02/06/2012	Chaddesley Wood, Worcestershire	8	34	123
04/06/2012	Weethley Wood, Warwickshire	9	53	302
09/06/2012	Focus Optics, Warwickshire	9	51	135
10/06/2012	Weeley, Essex	2	26	48
11/06/2012	Weeley, Essex	2	13	26
12/06/2012	Weeley, Essex	2	19	23
15/06/2012	Middleton Hall, Warwickshire	5	72	166
19/06/2012	River Arrow LNR, Warwickshire	2	32	91
21/06/2012	Purley Quarry, Warwickshire (NMN 1)	6	40	79
22/06/2012	Breakheart Quarry, Gloucestershire (NMN 2)	16	99	456
27/06/2012	Breakheart Quarry, Gloucestershire	5	146	891
29/06/2012	Alvecote Wood, Warwickshire	5	101	1,035
30/06/2012	Cross Hands Quarry, Warwickshire	2(8)	60	170
04/07/2012	Bishops Bowl Lakes, Warwickshire	3	77	193
10/07/2012	Upper Wells Orchard, Gloucestershire	11	147	1,308
11/07/2012	Chaddesley Wood, Worcestershire	2	47	137

14/07/2012	Weethley Wood, Warwickshire	4	104	580
21/07/2012	Maidenhead Thicket, Berkshire	4	103	365
23/07/2012	Ryton Meadows, Warwickshire	2	109	576
25/07/2012	Weston Wood, Warwickshire	4	186	2,082
27/07/2012	Alvecote Wood, Warwickshire	6	114	727
31/07/2012	Gawcombe, Gloucestershire	10	148	1,449
03/08/2012	Wolvey, Warwickshire (No Traps)	5	130	790
04/08/2012	Chaddesley Wood, Worcestershire	9	122	744
10/08/2012	Bishop's Hill, Warwickshire	6	175	1,381
11/08/2012	Crown East Wood, Worcestershire	4	124	1,185
18/08/2012	Windmill Hill, Nuneaton, Warwickshire	8	212	3,460
24/08/2012	Slimbridge WWT Centre, Gloucestershire	8	108	608
26/08/2012	Alvecote Wood, Warwickshire	4	55	187
31/08/2012	Middleton Hall, Warwickshire	5	60	286
01/09/2012	Chaddesley Wood, Worcestershire	10	73	421
08/09/2012	Weethley Wood, Warwickshire	6	66	299
14/09/2012	Wolvey, Warwickshire	8	45	216
15/09/2012	Bishop's Hill, Warwickshire	4	61	391
06/10/2012	Chaddesley Wood, Worcestershire	10	18	88
20/10/2012	Windmill Hill, Nuneaton, Warwickshire	10	33	255
23/10/2012	Weston Wood, Warwickshire	5	14	74
24/10/2012	Wolvey, Warwickshire	4	8	17
13/11/2012	Chaddesley Wood, Worcestershire	3	15	106

Species Mentioned In Text

B&F	Species	Page	B&F	Species	Page
83	<i>Stigmella atricapitella</i>	6	801a	<i>Gelechia senticetella</i>	14
86	<i>Stigmella roborella</i>	15	802a	<i>Gelechia sororculella</i>	11
150	<i>Adela reaumurella</i>	5	819	<i>Scrobipalpa costella</i>	16,17
186	<i>Psyche casta</i>	8	836	<i>Caryocolum kroesmanniella</i>	11
220	<i>Nemapogon clematella</i>	14	843	<i>Aproaerema anthyllidella</i>	15
247	<i>Tinea trinotella</i>	13	858	<i>Hypatima rhomboidella</i>	15
288	<i>Caloptilia stigmatella</i>	3	859	<i>Psoricoptera gibbosella</i>	15
297	<i>Eucalybites auroguttella</i>	13	871	<i>Oegoconia deauratella</i>	12
321	<i>Phyllonorycter messaniella</i>	17	877	<i>Stathmopoda pedella</i>	11
345	<i>Phyllonorycter rajella</i>	16	888	<i>Mompha propinquella</i>	12
351	<i>Phyllonorycter lautella</i>	17	897	<i>Cosmopterix lienigiella</i>	11
409b	<i>Argyresthia cupressella</i>	7	898	<i>Limnaecia phragmitella</i>	12
435	<i>Zelleria hepariella</i>	15	904	<i>Spuleria flavicaput</i>	6
453	Honeysuckle Moth	15	926	<i>Phalonidia manniana</i>	9
455	<i>Ypsolopha scabrella</i>	16	936	<i>Cochylimorpha straminea</i>	15
460	<i>Ypsolopha parenthesella</i>	17	965	<i>Cochylis hybridella</i>	16
464	Diamond-back Moth	17	968	<i>Cochylis nana</i>	7
469	<i>Eidophasia messingiella</i>	10	1006	<i>Epagoge grotiana</i>	10
481	<i>Epermenia falciformis</i>	15	1014	<i>Isotrias rectifasciana</i>	6
496a	<i>Coleophora adjectella</i>	10	1018	<i>Cnephasia communana</i>	6
502	<i>Coleophora trigeminella</i>	9	1023	<i>Cnephasia genitalana</i>	15
522	<i>Coleophora lineolea</i>	9	1025	<i>Tortricodes alternella</i>	1, 2
536	<i>Coleophora betulella</i>	6	1033	Green Oak Tortrix	8
537	<i>Coleophora kuehnella</i>	10	1037	<i>Acleris holmiana</i>	11
556	<i>Coleophora trochilella</i>	12	1041	<i>Acleris sparsana</i>	17
566	<i>Coleophora sternipennella</i>	11	1044	<i>Acleris ferrugana</i>	1, 4
568	<i>Coleophora versurella</i>	11	1048	Garden Rose Tortrix	17
609	<i>Elachista maculicerusella</i>	16	1051	<i>Acleris logiana</i>	1, 10
610	<i>Elachista argentella</i>	7	1053	<i>Acleris hastiana</i>	2
620	<i>Elachista gangabella</i>	8	1062	<i>Acleris emargana</i>	15
622	<i>Elachista adscitella</i>	14	1066	<i>Celypha woodiana</i>	10
652	<i>Alabonia geoffrella</i>	6, 7	1076	<i>Celypha lacunana</i>	7
661	<i>Pseudatemelia flavifrontella</i>	7	1087	<i>Orthotaenia undulana</i>	7
663	<i>Diurnea fagella</i>	3	1088	<i>Pseudosciaphila branderiana</i>	10
666	<i>Semioscopis avellanella</i>	3	1093	<i>Apotomis betuletana</i>	16
668	<i>Luquetia lobella</i>	14	1115	<i>Ancyliis achatana</i>	11
671	<i>Depressaria ultimella</i>	16	1135	<i>Epinotia demarniana</i>	7
672	Parsnip Moth	4	1165	<i>Zeiraphera isertana</i>	13
695	<i>Agonopterix alstromeriana</i>	4	1174	<i>Epiblema cynosbatella</i>	8
697	<i>Agonopterix arenella</i>	15	1177	<i>Epiblema rosaecolana</i>	13
701	<i>Agonopterix ocellana</i>	3	1186	<i>Epiblema sticticana</i>	12
709	<i>Agonopterix liturosa</i>	13	1202	<i>Eucosma obumbratana</i>	8
718	<i>Ethmia dodecea</i>	11	1227	<i>Pammene giganteana</i>	3
724	<i>Metzneria lappella</i>	11	1236	<i>Pammene fasciana</i>	11
727a	<i>Metzneria aprilella</i>	9	1268	<i>Cydia coniferana</i>	6
762	<i>Athrips mouffetella</i>	13	1279	<i>Dichrorampha acuminatana</i>	16
770	<i>Carpatolechia proximella</i>	6	1313	<i>Catoptria pinella</i>	12
775	<i>Teleiodes sequax</i>	14	1316	<i>Catoptria falsella</i>	14
792	<i>Mirificarma mulinella</i>	14	1334a	<i>Scoparia basistrigalis</i>	11

B&F	Species	Page	B&F	Species	Page
1336	<i>Eudonia pallida</i>	14	1874	DINGY SHELL	13
1342	<i>Eudonia angustea</i>	15	1876	SMALL YELLOW WAVE	8
1348	Ringed China-mark	9	1880	BARRED TOOTH-STRIPED	3
1354	Small China-mark	13	1881	EARLY TOOTH-STRIPED	3
1356	Garden Pebble	15	1888	SCORCHED CARPET	13
1362	<i>Pyrausta purpuralis</i>	11	1902	BROWN SILVER-LINE	6
1380	<i>Phlyctaenia perlucidalis</i>	12	1903	BARRED UMBER	6
1415	<i>Orthopygia glaucinalis</i>	14	1904	SCORCHED WING	8
1425	Wax Moth	14	1907	BORDERED BEAUTY	14
1458	Thistle Ermine	10	1912	AUGUST THORN	14
1461	<i>Assara terebrella</i>	8, 13	1913	CANARY-SHOULDERED THORN	14
1484	<i>Phycitodes saxicola</i>	14	1914	DUSKY THORN	16
1501	<i>Platyptilia gonodactyla</i>	16	1915	SEPTEMBER THORN	14
1508	<i>Stenoptilia bipunctidactyla</i>	12	1917	EARLY THORN	3
1524	<i>Emmelinea monodactyla</i>	4	1918	LUNAR THORN	8
1631	DECEMBER MOTH	17	1919	PURPLE THORN	4
1632	PALE EGGAR	15	1922	SWALLOW-TAILED MOTH	9
1646	OAK HOOK-TIP	14	1923	FEATHERED THORN	17
1647	BARRED HOOK-TIP	6, 11	1925	SMALL BRINDLED BEAUTY	1
1652	PEACH BLOSSOM	7	1926	PALE BRINDLED BEAUTY	2
1654	FIGURE OF EIGHTY	7	1927	BRINDLED BEAUTY	5
1659	YELLOW HORNED	2	1930	OAK BEAUTY	3
1660	FROSTED GREEN	4	1931	PEPPERED MOTH	10
1663	MARCH MOTH	2	1932	SPRING USHER	1, 2
1666	LARGE EMERALD	11	1934	DOTTED BORDER	2
1667	BLOTCHED EMERALD	8	1947	ENGRAILED	2
1669	COMMON EMERALD	13	1960	EARLY MOTH	1, 2
1699	LEAST CARPET	11	1962	BARRED RED	13
1722	FLAME CARPET	6	1964	ANNULET	13
1731	CHALK CARPET	13	1991	ELEPHANT HAWK-MOTH	8
1732	SHADED BROAD-BAR	12	1994	BUFF-TIP	6
1742	YELLOW SHELL	15	1997	SALLOW KITTEN	7
1746	SHOULDER STRIPE	2	1999	LOBSTER MOTH	6
1747	STREAMER	3	2000	IRON PROMINENT	14
1750	WATER CARPET	4	2003	PEBBLE PROMINENT	12
1751	DEVON CARPET	6	2007	SWALLOW PROMINENT	12
1752	PURPLE BAR	7	2015	LUNAR MARBLED BROWN	5
1760	RED-GREEN CARPET	17	2026	VAPOURER	15
1765	BARRED YELLOW	10	2028	PALE TUSSOCK	6
1766	BLUE-BORDERED CARPET	10	2030	YELLOW-TAIL	15
1767	PINE CARPET	10, 16	2031	WHITE SATIN	11
1776	GREEN CARPET	15	2033	BLACK ARCHES	15
1784	PRETTY CHALK CARPET	8	2037	ROSY FOOTMAN	11
1792	DARK UMBER	11	2063	MUSLIN MOTH	4
1795	NOVEMBER MOTH	17	2064	RUBY TIGER	12
1800	NORTHERN WINTER MOTH	1, 17	2078	LEAST BLACK ARCHES	6
1804	BARRED RIVULET	12	2089	HEART & DART	18
1813	HAWORTH'S PUG	12	2091	DARK SWORD-GRASS	6, 17
1824	PAUPER PUG	6	2098	FLAME	9
1825	LIME-SPECK PUG	7, 15	2107	LARGE YELLOW UNDERWING	5
1867	TREBLE-BAR	16	2111	LESSER B-BORDERED YELLOW U'WING	14
1868	LESSER TREBLE-BAR	16	2117	AUTUMNAL RUSTIC	16
1872	BLOMER'S RIVULET	8	2120	INGRAILED CLAY	6, 7

B&F	Species	Page	B&F	Species	Page
2127	TRIPLE-SPOTTED CLAY	10	2326	CLOUDED-BORDERED BRINDLE	7
2133	SIX-STRIPED RUSTIC	15	2338	RUFIOUS MINOR	10
2136	GOTHIC	12	2345	SMALL DOTTED BUFF	11
2139	RED CHESTNUT	2	2350	SMALL WAINSCOT	15
2157	LIGHT BROCADE	7	2357	LARGE EAR	14
2164	BROAD-BARRED WHITE	9	2358	SALTERN EAR	14
2166	CAMPION	12, 14	2364	FROSTED ORANGE	16
2167	TAWNY SHEARS	9	2369	BULRUSH WAINSCOT	15
2178	FEATHERED GOTHIC	15	2377	FEN WAINSCOT	14
2179	PINE BEAUTY	3	2410	MARBLED WHITE-SPOT	10
2182	SMALL QUAKER	2, 3	2421	SCARCE SILVER-LINES	12
2183	BLOSSOM UNDERWING	3	2423	OAK NYCTEOLINE	1
2185	LEAD-COLOURED DRAB	4	2437	GOLDEN PLUSIA	8
2186	POWDERED QUAKER	3, 4	2441	SILVER Y	17
2187	COMMON QUAKER	3	2442	BEAUTIFUL GOLDEN Y	6
2188	CLOUDED DRAB	4	2443	PLAIN GOLDEN Y	9
2189	TWIN-SPOTTED QUAKER	3	2452	RED UNDERWING	14
2190	HEBREW CHARACTER	3	2466	BLACKNECK	12
2203	WHITE-SPECK	5	2469	HERALD	5
2227	SPRAWLER	17	2473	BEAUTIFUL HOOK-TIP	7
2232	BLACK RUSTIC	16	2475	WAVED BLACK	11
2240	BLAIR'S SHOULDER-KNOT	16	2484	PINION-STREAKED SNOUT	15
2243	EARLY GREY	4	2401am	Ailanthus Webworm	5
2245	GREEN-BRINDLED CRESCENT	17	7416am	BENT-LINE CARPET	5
2247	MERVEILLE DU JOUR	16	7851am	MOURNFUL SPHINX	5
2248	BRINDLED GREEN	15			
2256	SATELLITE	1, 17			
2259	DARK CHESTNUT	3			
2260	DOTTED CHESTNUT	2, 3			
2262	BRICK	17			
2263	RED-LINE QUAKER	17			
2264	YELLOW-LINE QUAKER	17			
2266	BROWN-SPOT PINION	16			
2267	BEADED CHESTNUT	17			
2268	SUSPECTED	11			
2269	CENTRE-BARRED SALLOW	16			
2270	LUNAR UNDERWING	15			
2272	BARRED SALLOW	16			
2273	PINK-BARRED SALLOW	17			
2279	SYCAMORE	10			
2280	MILLER	12			
2283	DARK DAGGER	8			
2293	MARBLED BAEUTY	15			
2297	COPPER UNDERWING	15			
2302	BROWN RUSTIC	7			
2312	OLIVE	11			
2313	ANGLE-STRIPED SALLOW	13			
2314	DINGY SHEARS	11			
2319	LUNAR-SPOTTED PINION	10			



2015 Lunar Marbled Brown



2089 Heart & Dart



1934 Dotted Border



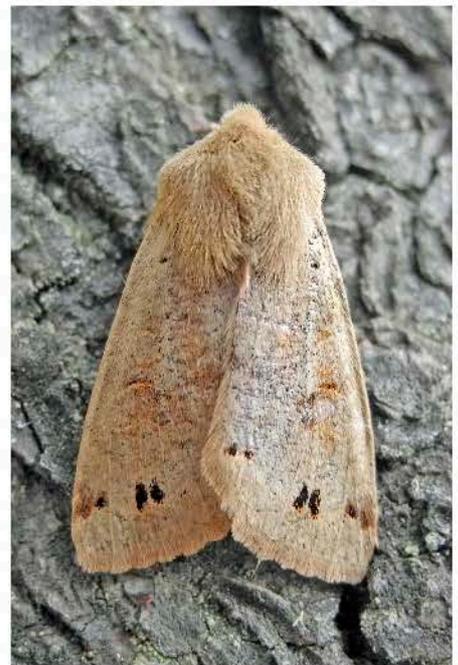
1760 Red-green Carpet



2240 Blair's Shoulder-knot



2187 Common Quaker



2189 Twin-spotted Quaker



1415 *Orthopygia glaucinalis*



2133 Six-striped Rustic



1025 *Tortricodes alternella*



1348 Ringed China-mark



1795 November Moth



2028 Pale Tussock



1912 August Thorn



**Butterfly
Conservation**

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