



World Moths

Blue Horizons Garden Resort

Grand Anse, Grenada
12th - 18th November 2009

Pat & Tony James
Cornwall UK



Grenada - The "Spice Island". This is a beautiful mountainous island, mainly with a central range cloaked in tropical rainforest, but also with numerous Nutmeg plantations. The main population is in the coastal and foothill region, and the dryer wild areas are covered in Acacia and other trees, producing lovely scenery and lots of wildlife.

Our travels have taken us three times to this island, specifically to see the wildlife.

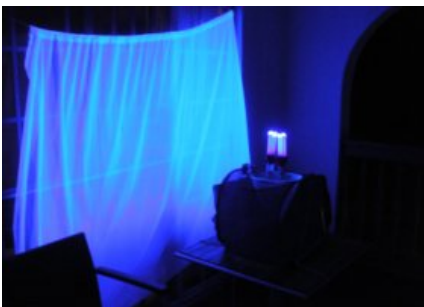
In **1992** and **2002**, as well as generally touring the island, and staying in a number of different places each time, we were searching for the resident species of Phasmids (Stick-Insects) which had been described in old scientific papers. These are known locally as "God-horses" or "Cheval-de-Bois" (Horse of Wood) on various Caribbean Islands. Three species were found.

In **2009**, having got involved with Moth Recording in the UK, we returned to the south of the island to see what the Moths were like in Grenada, and here is the pictorial record of the species we recorded at our second Hotel at Grand Anse. *The Blue Horizons Garden Resort* is a small, quiet hotel with 32 suite and studio rooms in well-kept tropical grounds 300m back from the main beach hotel area. It is backed by wild woodland on a hillside and looks across the bay into the busy harbour of St. George's, the island's capital, where Cruise Ships come and go every day.

The Manager of the Hotel kindly allowed us to choose from a number of rooms available, and we chose one at the back of the Hotel on the hillside close to the wild area (top right in the picture here), which was ideal for our activity. We ran a small portable net moth-trap on the verandah fitted with 2 x 25W Ultra-violet Economizer bulbs on five nights whilst we were there, which produced a soft dark blue light visually, that would not be intrusive to other guests. During this period, around 40 species came to the trap over our stay, and were sorted, photographed, and mostly released in the morning.







Information about Caribbean Moths is quite sparse, particularly with the families of the smaller species, so many of the species recorded are uncertain or not yet identified. We have managed, with the help of a few web-sites and other references, managed to identify a proportion of the species we recorded, particularly by comparing them with known species on adjacent islands, which can make identification a little easier.











We must record here our thanks to the Owner of the Hotel, as well as the Managers and Staff, who were all interested in what we had found there, and made our stay really pleasant. The following pages show a pictorial list of the species we recorded, followed by a table of the nightly numbers.





SPHINGIDAE:

| | | |
|---|---|---|
|  |  |  |
| <p>Gr60: 150mm w/s Pseudosphinx tetrio</p> | <p>Gr69: 150mm w/s Manduca rustica</p> | <p>Gr70: 70mm w/s Erinnyis oenotrus</p> |
| | |  |
| | | <p>Gr80: 100mm w/s Eumorpha vitis</p> |




















GEOMETRIDAE:

| | | | |
|---|---|--|---|
|  |  |  |  |
| <p>Gr05: 25mm w/s ?</p> | <p>Gr11: 20mm w/s Semithosa everiata</p> | <p>Gr21: 14mm w/s Ptychamalia perlata</p> | <p>Gr34: 18mm w/s Synchlora isolata</p> |
|  |  |  |  |
| <p>Gr41: 20mm w/s ?</p> | <p>Gr66: 20mm w/s Pleuroplucha molitaria</p> | <p>Gr71: 30mm w/s Disclisioprocta stellata</p> | <p>Gr76: 42mm w/s Erastria decrepitaria</p> |





NOCTUIDAE:

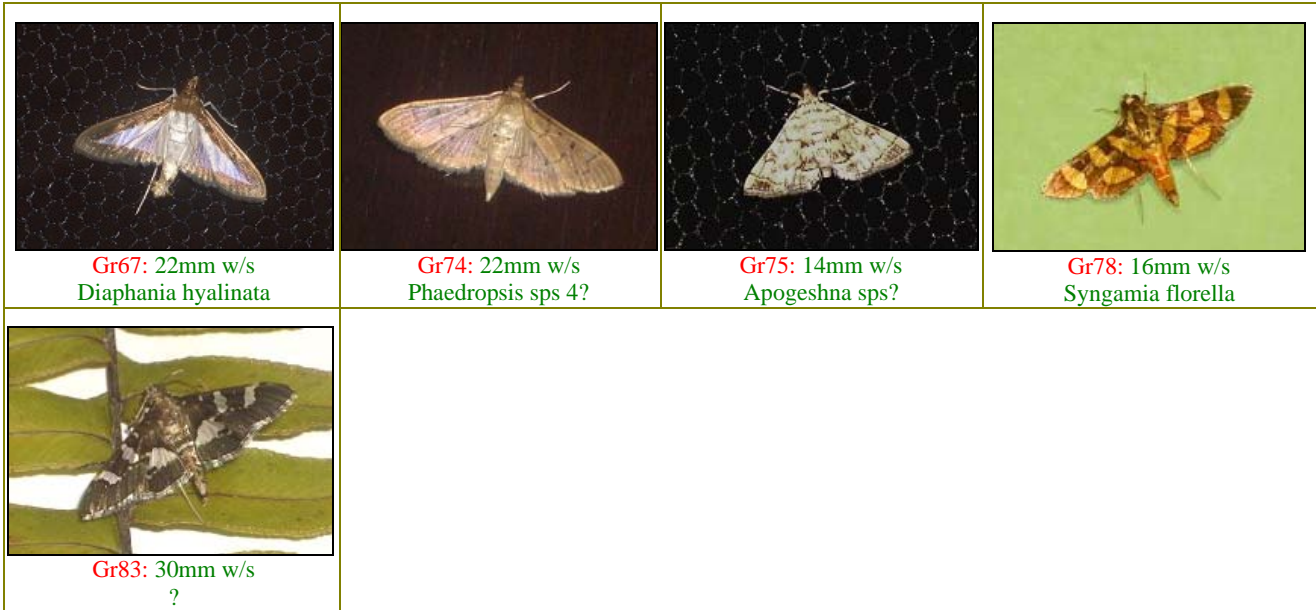
| | | | |
|---|---|--|---|
|  |  |  |  |
| <p>Gr01: 40mm w/s Coenipeta bibitrix</p> | <p>Gr08: 24mm w/s Elaphria sps?</p> | <p>Gr10: 42mm w/s Melipotis famelica</p> | <p>Gr19: 24mm w/s Herminiinae sps?</p> |

NOCTUIDAE (Ctd):

| | | | |
|---|---|--|---|
|  |  |  |  |
| Gr30: 30mm w/s <i>Cydosia nobilitella</i> (Male) | Gr43: 34mm w/s <i>Leucania humidicola</i> | Gr62: 30mm w/s <i>Leucania inconspicua</i> | Gr61: 34mm w/s <i>Melipotis acontioides</i> |
|  |  |  |  |
| Gr62: 30mm w/s <i>Panula inconstans</i> | Gr63: 30mm w/s <i>Mocis</i> sp? | Gr64: 30mm w/s <i>Isogona scindens</i> | Gr65: 24mm w/s ? |
|  |  |  |  |
| Gr68: mm w/s <i>Melipotis</i> sps | Gr72: 32mm w/s ? | Gr73: 28mm w/s <i>Concana mundissima</i> | Gr77: 28mm w/s <i>Elaphria agrotina</i> |
|  |  |  |  |
| Gr79: 24mm w/s <i>Elaphria fuscimacula</i> | Gr81: 40mm w/s <i>Anicla infecta</i> | Gr82: 40mm w/s <i>Paectes arcigera</i> | Gr84: 30mm w/s <i>Bagisara tristicta</i> |
|  |  |  |  |
| Gr85: 28mm w/s <i>Elaphria</i> sps. | Gr86: 22mm w/s <i>Motya abseuzalis</i> ? | Gr89: mm w/s <i>Melipotis ochrodes</i> | Gr90: 64mm w/s <i>Ophisma tropicalis</i> |

PYRALIDAE:

| | | | |
|---|---|--|---|
|  |  |  |  |
| Gr02: 30mm w/s <i>Alatuncusia bergii</i> | Gr12: 20mm w/s <i>Glaphyria sequestrialis</i> | Gr17: 18mm w/s <i>Palpita isoscelalis</i> | Gr24: 20mm w/s <i>Synclera</i> sp? |



OTHER FAMILIES:



Blue Horizons Garden Resort Species Population Records

| Ref. | Name | Fam. | 13th | 14th | 15th | 16th | 17th | 18th | Ref. | Name | Fam. | 13th | 14th | 15th | 16th | 17th | 18th | |
|------|---------------------------|------|------|------|------|------|------|------|------|---------------------------|------|------|------|------|------|------|------|----|
| Gr01 | Coenipeta bibitrix | Noct | 2 | 1 | 1 | 3 | 3 | | Gr67 | Diaphania hyalinata | Pyra | 1 | 1 | | | | | |
| Gr02 | Alatuncusia bergii | Pyra | 1 | 2 | | 1 | 1 | | Gr68 | Melipotis sps | Noct | 1 | 1 | | | | | |
| Gr05 | Pale Green, Brown Borders | Geom | | | | | 1 | | Gr69 | Manduca rustica | Sphi | | 1 | | | | | |
| Gr06 | Small Silvery-buff "T" | ? | 14 | 2 | 2 | 2 | 2 | | Gr70 | Erinnyis oenotrus | Sphi | | 1 | | | 1* | | |
| Gr08 | Small Orange, Bn Borders | Noct | 1 | | 3 | 1 | | | Gr71 | Disclisoprocta stellata | Geom | | 1 | | | | | |
| Gr10 | Melipotis famelica | Noct | 1 | 1 | | | | | Gr72 | Plain Buff & Bn | Noct | | 1 | | | | | |
| Gr11 | Semithosa everiata | Geom | 6 | 1 | 1 | | 2 | | Gr73 | Concana mundissima | Noct | | 1 | | | | | |
| Gr12 | Glaphyria sequistrialis | Pyra | 4 | 4 | 2 | | 1 | | Gr74 | Phaedropsis sps4? | Pyra | | 1 | | | | | |
| Gr14 | Small pale, grey spots | ? | | 1 | 1 | 1 | | | Gr75 | Apogeshna sps | Pyra | | 1 | | | | | |
| Gr17 | Palpita isoscelalis | Pyra | 2 | 2 | 3 | | 2 | | Gr76 | Erastria decrepitaria | Geom | | 1m | | | | | |
| Gr19 | Herminiinae sps | Noct | 1 | | | | | | Gr77 | Elaphria agrotina | Noct | | 1 | 1 | 1 | | | |
| Gr21 | Ptychamalia perlata | Geom | 2 | | | | | | Gr78 | Syngamia florella | Pyra | | 2 | | | | | |
| Gr24 | Synclera sps | Pyra | | 2 | | | | | Gr79 | Elaphria fuscimacula | Noct | | 2 | 6 | 3 | | | |
| Gr30 | Cydosia nobilitella | Noct | | | | 1 | 1 | | Gr80 | Eumorpha vitis | Sphi | | 1* | | | | | |
| Gr34 | Synchlora isolata | Geom | 2 | | | | | | Gr81 | Anicla infecta | Noct | | | 1 | | | | |
| Gr41 | Small Pale Gy/Gn moth | Geom | 5 | 4 | 7 | | 2 | | Gr82 | Paectes arcigera | Noct | | | 1 | | | | |
| Gr43 | Leucania humidicola | Noct | 2 | 1 | 2 | 1 | | | Gr83 | Black, white patches | Pyra | | | 1 | | | | |
| Gr47 | Leucania inconspicua | Noct | | 1 | | | | | Gr84 | Bagisara tristicta | Noct | | | | 1 | | | |
| Gr60 | Pseudosphinx tetrio | Sphi | 1* | | | | | | Gr85 | Elaphria sps | Noct | | | | 1 | | | |
| Gr61 | Melipotis acontioides | Noct | 1 | | | | | | Gr86 | Motya abseuzalis? | Noct | | | | 1 | | | |
| Gr62 | Panula inconstans | Noct | 1 | | | | 1 | | Gr87 | Small buff with dark band | ? | | | | 1 | | | |
| Gr63 | Mocis sps | Noct | 1 | | | | | | Gr88 | Phazaca sps | ? | | | | 1 | | | |
| Gr64 | Isogona scindens | Noct | 1 | | | | 1 | | Gr89 | Melipotis ochrodes | Noct | | | | | | 2 | |
| Gr65 | Small Bn, wide bk border | Noct | 3 | | | 3 | | | Gr90 | Ophisma tropicalis | Noct | | | | | | | 1* |
| Gr66 | Pleuroplucha molitaria | Geom | 5 | 4 | | | | | | | | | | | | | | |

* Found attracted to garden lights in Reception Car Park.