

MADEIRA

Sea-bird gallore

2-8/8 2011



Bugio Petrel *Pterodroma [feae] deserta*

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Introduction

Birding Madeira is easy to plan. The Birding Madeira web-site (www.madeira.seawatching.net) gives excellent and detailed information about the island and its birds including whatever practicality. Moreover, the new initiative Madeira Wind Birds (www.madeirawindbirds.com) provides excellent, well-organized pelagics which allow you to get in perfect close-up contact with all the tricky sea-birds of the NE Atlantic – with due respect to season. The Company is run by Hugo Romano and Catarina Fagundes. Check out their web-site and see what fit into your own plans. Our pelagic in the days 4-6/8 was a stimulating international gathering of one Dutch, one British, three German and three Danish birders – besides the two Portuguese organizers – a fantastic experience only to be recommended. We booked our hotel through Madeira Wind Birds and stayed at Dom Pedro Hotel in Machico – good value for the money. Our flight-tickets were booked over the net. We flew the Portuguese TAP for which reason we had a change of plane in Lisbon on both legs – a hectic and only a 45 min stop-over when flying out (including a change of terminal by bus) but a relaxed 2 h stop-over on the home-flight. For the week, a car with free mileage was booked along with the air-tickets. Everything worked without problems.

As a valuable preparation for a trip, we can recommend the 'Petrels night and day' by Magnus Robb, Killian Mullarney & The Sound Approach from 2008. This exceptionally well-produced book is a grandiose introduction to sea-birds in the NE Atlantic with all possible kinds of information including colour-plates of all species, multiple photos of high quality and 2 CDs with excellent sound-recordings – and none the least an inspiring and refreshing attempt to reappraise the systematics of the species involved. The well-written text has remarkable twist and turns for a bird-book but all in all it is one of the most original publications for years about any European group of birds. In addition the 2010-paper from Birding World by Shirihi, Bretagnolle & Zino (23 (6): 239-275) prepares you on how tricky it is to separate the two *Pterodroma*-species.

For birds in general, the Collins Bird Guide is sufficient for Madeira. The new 'Field Guide to the Birds of Macaronesia by Garcia-de-Rey (2011) is less detailed on the identification issues but holds up-dated information on the distribution of all species. Systematics of birds is at flux in these years. None the least systematics of seabirds are very much discussed – and this does make the field ID even more challenging. Madeira holds at the moment two endemic land-birds (Long-toed Pigeon, Madeira Firecrest) and the distinct subspecies of Chaffinch could end up being split as well – either as another endemic or part of some 'Atlantic Chaffinch'. Most endemic subspecies of other passerines on Madeira are not very distinct compared to their European counterparts – except perhaps the Linnet. For most endemic subspecies brief notes on ID characters has been included in this report – either information from Birds of Western Palaearctic (non-passeriformes) or from Vaurie (1959; The Birds of the Palaearctic Fauna – Passeriformes).

Itinerary:

- 2/8 Flight Copenhagen-Lisbon. Lisbon-Funchal. Funchal Airport (13.45-14.45), Dom Pedro Hotel (Machico) (15-16), drive to Funchal Harbour (16.00-16.30), Funchal Harbour (16.30-18.00), Ponta de Cruz (18.30-20.00), Ponta de Garajau (20.30-23.00).
- 3/8 Early morning: Dom Pedro Hotel – morning walk to river mouth. Most of day exploration of the inner part of the island with stop near Cabeco Gordo, Ribeiro Frio with walk to Balcoes, drive after Ribeiro Frio, walk start of vally to Pico da Noqueira (car no admittance), then by car to south-coast with stop by Lugar de Baxio. Early evening at Dom Pedro Hotel (Machico). Night-trip to Pico de Arieiro (walk 22.30-23.55 to breeding site for Zino's Petrel)
- 4/8 Walk along river (Machico) (09.00-09.30), sea-watch from Dom Pedro Hotel (09.00-12.00), sea-watch from cliff E of Dom Pedro Hotel (11.15-11.50), stop in Canical (12.45-13.30), Pelagic (15.00-22.15).
- 5/8 Morning: Drive to Porta da Sol, and short stop by Botanical Garden. Afternoon: Pelagic (14.55-21.45)
- 6/8 Dry valley W of Canical (10.00-12.00), Pelagic (15.05-22.00).
- 7/8 Drive Machico-Sao Vicente, river outlet Sao Vicente, Ponto Moniz (12.00-12.45), Ponta do Pargo (13.15-15.45), Ponto Moniz – sea watching (16.20-20.00)
- 8/8 Pico de Arieiro, Balcoes (only the start of the track), Ponto Muniz – sea-watching (13.45-19.45), Santa (14.00-18.45).

Acknowledgement

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During the trip we managed to get photos of 23 species of birds, two species of reptiles and five species of butterflies. For the species in question this is indicated by an * in front of the name. A good number of bird photos (by Christoph Moning & Erling Krabbe) from the trip have been published on the NetFugl web-site, www.netfugl.dk.

BIRDS

1. ***Bugio Petrel** *Pterodroma [feae] deserta*. 4/8 2 Pelagic, 5/8 2 Pelagic. **Endemic breeding species.**
2. ***Zino's Petrel** *Pterodroma madeira*. 3/8 2-3 seen + 10+ heard Pico de Arieiro, 4/8 3 Pelagic. 6/8 2 Pelagic. **Endemic breeding species**. The visit to near the breeding-site was a moving experience – ghostly sounds in a dramatic landscape above the clouds. Visual contact with the birds restricted to feelings of dark bullets passing the stars on the dark sky.

Un-identified Petrel *Pterodroma deserta/madeira*. 2/8 1 W Ponta de Cruz, 4/8 14 sea-watch from Dom Pedro Hotel, 2 sea-watch from cliff E of Dom Pedro Hotel, 4 Pelagic, 5/8 6 Pelagic.
3. ***Bulwer's Petrel** *Bulweria bulwerii*. 2/8 11 E 1 W Ponta de Cruz, 4/8 11 sea-watch from Dom Pedro Hotel, 3 sea-watch from cliff E of Dom Pedro Hotel, 75+ Pelagic, 5/8 750+ Pelagic, 6/8 150+ Pelagic, 7/8 6 Ponto Moniz, 8/8 8 E Ponto Moniz.
4. ***Cory's Shearwater** *Calonectris [diomedea] borealis*. 2/8 2 Dom Pedro Hotel (Machico), 25 Funchal Harbour, 250+ (mainly E) Ponta de Cruz, 10 + 50+ heard Ponta de Garajau, 3/8 + Dom Pedro Hotel, 30 Lugar de Baxio, 300+ (early evening) Dom Pedro Hotel, 4/8 800 sea-watch from Dom Pedro Hotel, 400 sea-watch from cliff E of Dom Pedro Hotel, 400 Pelagic, 5/8 3 Ponta do Sol, 40+ Pelagic, 6/8 50 Pelagic, 7/8 10 Porto do Pango, 600 Porto Moniz, 8/8 300 Porto Moniz.
5. **Great Shearwater** *Puffinus gravis*. 8/8 1 E (17.52) Porto Moniz.
6. **Manx Shearwater** *Puffinus puffinus*. 4/8 1 sea-watch from Dom Pedro Hotel, 1 Pelagic, 7/8 1 dead main road by Funchal Airport, 5 Porto Muniz, 8/8 4 W Porto Moniz.
7. **Baroli's Shearwater** *Puffinus [assimilis] baroli*. 8/8 1 W (19.14) + 1 possible W (14.22) Porto Moniz. **Macaronesian endemic breeding species.**
8. ***White-faced Storm-Petrel** *Pelagodroma marina hypoleuca*. 5/8 2 Pelagic. Likely to be of the subspecies *hypoleuca* endemic to Salvage south of Madeira.
9. ***Madeiran Storm Petrel** *Oceanodroma castro*. 2/8 1 heard Ponta de Garajau, 5/8 2 Pelagic, 6/8 2-4 Pelagic. Photos of one bird shows this to have worn, still unmoulted primaries - this indicates a bird from the summer-breeding population around Madeira (as expected). According to the recent and still highly disputed systematics of the Band-rumped Storm Petrels in the NE Atlantic this is a **Macaronesian endemic species**.
10. ***Wilson's Storm Petrel** *Oceanites oceanicus*. 4/8 1 Pelagic, 5/8 2 Pelagic, 6/8 1 Pelagic.
11. **Grey Heron** *Ardea cinerea*. 4/8 2 mig. N along the coast sea-watch from Dom Pedro Hotel
12. ***Little Egret** *Egretta garzetta*. 3/8 1 Dom Pedro Hotel, 1 Lugar de Baxio, 4/8 1 Walk along river (Machico), 2 sea-watch from Dom Pedro Hotel, 6/8 1 Machico, 7/8 1 Ponto do Pango.
13. ***Yellow-crowned Night Heron** *Nyctanassa violacea*. 2/8 1 2K Funchal Harbour. Long-staying Nearctic vagrant seen since February, see photo. 3rd record for the West Palaearctic.
14. ***Mallard** *Anas platyrhynchos*. 2/8 1 male Funchal Harbour, 3/8 2 (domestic) Lugar de Baxio, 7/8 2 (+ very obvious domesticated ducks) Sao Vicente. Wild origin doubtful.
15. ***Green-winged Teal** *Anas carolinensis*. 7/8 1 male eclipse Outlet of Janela river (near Ribeira da Janela). A long-staying individual in shady company with domestic Mallards, Muscovy Ducks and one discoloured Swan Goose. Wild or captive origin?
16. **Sparrowhawk** *Accipiter nisus granti*. 7/8 1 (during driving) N of Camara de Lobos. Macaronesian endemic subspecies which is 5-10% smaller, male slightly darker, more heavily and broader barred below.



17. **Common Buzzard** *Buteo buteo*. 2/8 1 drive to Funchal Harbour, 3/8 1 near Ribeira Brava, 6/8 2 Canical, 7/8 2 Ponta Moniz, 4 Ponta do Pargo. *Formerly classified as an endemic subspecies ('harterti') but this no longer maintained.*
18. ***Kestrel** *Falco tinnunculus canariensis*. 2/8 2 drive to Funchal Harbour, 2 Ponta de Garajau, 4/8 1 Walk along river (Machico), 7/8 1 Ponta Moniz, 6 Ponta do Pargo. *Macaronesian endemic subspecies shared between Madeira and West/Central Canary Islands. Smaller (10 %) and darker. Crown of adult male darker grey, more heavily streaked, rest of upperparts deeper chestnut with darker spots, underparts deeper cream. Adult female more heavily barred above, upper tail-coverts tending to grey-blue.*
19. **Red-legged Partridge** *Alectoris rufa*. 7/8 16 Ponto do Pargo. *Introduced species.*
20. ***Common Coot** *Fulica atra*. 3/8 4 Lugar de Baxio.
21. **Moorhen** *Gallinula chloropus*. 4/8 1 ad 1 pull River in Machico.
22. **Whimbrel** *Numenius phaeopus*. 8/8 28 W Ponto Moniz.
23. **Turnstone** *Arenaria interpres*. 2/8 9 Funchal Harbour, 3/8 4 Dom Pedro Hotel, 4/8 15 Walk along river (Machico), 5/8 3 Ponta do Sol.
24. **Arctic Skua** *Stercorarius parasiticus*. 6/8 1 (immature, light phase) Pelagic.
25. ***Yellow-legged Gull** *Larus michahellis atlantis*. 2/8 2 Funchal Airport, 1 Dom Pedro Hotel (Machico), 800 Funchal Harbour, 40 Ponta de Cruz, 200 Ponta de Garajau, 3/8 1 near Cabeco Gordo, 1 drive after Ribeiro Frio, 2+10 Lugar de Baxio, 4/8 50 Walk along river (Machico) -sea-watch from Dom Pedro Hotel , 40 Canical, 15 Pelagic, 5/8 10 Ponta do Sol, 10 Pelagic, 7/8 10 Ponta do Pargo, 25 Ponta Moniz (near Ribeira da Janela), 8/8 15 Ponto Moniz. *Macaronesian endemic subspecies.*
26. **Lesser Black-backed Gull** *Larus fuscus*. 2/8 1 ad Funchal Harbour, 4/8 1 sea-watch from cliff E of Dom Pedro Hotel, 3 Canical, 6/8 2 Canical.
27. **Black-headed Gull** *Larus ridibundus*. 5/8 1 2K Ponta da Sol.
28. ***Common Tern** *Sterna hirundo*. 2/8 3 Near Cabeco Gordo, 4 Funchal Harbour, 1 ad 1 1K Ponta de Cruz, 5/8 6 Ponta do Sol, 7 ad 3 1K Pelagic, 7/8 4 Outlet of Janela river (near Ribeira da Janela), 6 Ponta do Pargo, 10 Ponta Muniz, 8/8 4 Ponta Moniz.
29. ***Arctic Tern** *Sterna paradisaea*. 4/8 1 sea-watch from Dom Pedro Hotel, 6-10 Pelagic, 7/8 2 Ponta Moniz, 8/8 4 Ponta Moniz.
30. ***Roseate Tern** *Sterna dougallii*. 5/8 4 ad 2 1K Ponta do Sol.
31. **Sandwich Tern** *Sterna sandvicensis*. 8/8 2 Ponta Moniz.
32. **Barn Owl** *Tyto alba schmitzi*. 2/8 2 Ponta de Garajau. *Endemic subspecies: Rather small with heavy tarsus and toes and lower half of tarsus and all toes bare except for heavy bristles (in contrast to alba/guttata with toes and tarsus largely feathered).*
33. ***Rock Dove** *Columba livia atlantis*. *Rock Pigeons are met with around the islands and many are of domestic origin. Wild-types at least noted on the following coastal sites: 4/8 1 sea-watch from cliff E of Dom Pedro Hotel, 5/8 10 Ponta da Sol, 6/8 25 Canical. Systematic position problematic; derived either from feral birds or melanistic mutant: with many black spots on upperparts and with white or grey rump, or completely black on back and upperwing.*
34. ***Long-toed Pigeon** *Columba trocaz*. 3/8 2 near Cabeco Gordo, 20 Ribeiro Frio , 5 walk start of vally to Pico da Noqueira, 8/8 1 Balcoes, 12 Santa. **Endemic species**
35. **Collared Dove** *Streptopelia decaocto*. 5/8 2 Canical.
36. **Pallid Swift** *Apus pallidus brehmorum*. 2/8 11 Ponta de Cruz (subspecies shared with SW Europe)
37. **Plain Swift** *Apus unicolor*. 2/8 15 Funchal Airport, 5 Dom Pedro Hotel (Machico), 20 Funchal Harbour, 20 Ponta de Cruz, 75+ Ponta de Garajau, 3/8 20 Dom Pedro Hotel , 20 Ribeiro Frio , 40 walk start of vally to Pico da Noqueira , 50 early evening at

Dom Pedro Hotel , 4/8 50 Walk along river (Machico), 5/8 75 Ponta do Sol, 7/8 + Outlet of Janela river (near Ribeira da Janela), 25 Ponta do Pargo, + Outlet of Janela river (near Ribeira da Janela), 8/8 15 Balcoes. **Macaronesian endemic species.**

38. **Grey Wagtail** *Motacilla cinerea schmitzi*. 2/8 2 Drive after Ribeiro Frio, 2 Walk the start of Valley to Pico da Noqueira , 3/8 2 Ribeiro Frio , 2 Lugar de Baxio, 4/8 30 Walk along river (Machico), 5/8 1 Ponta do Sol, 6/8 1 Canical, 7/8 2 Outlet of Janela river (near Ribeira da Janela), 1 Ponta Muniz. *Endemic subspecies: Distinctly darker slaty-grey on upperparts and ear coverts, white supercilium reduced to narrow stripe behind eye, white stripe on lower cheeks narrow and indistinct, black on throat deeper, under parts often deep yellow.*
39. **Madeiran Berthelot's Pipit** *Anthus berthelotii*. 2/8 1 Ponta de Garajau, 5/8 4 Canical, 7/8 2 Ponta do Pargo, 8/8 3 Pico de Arierio. **Macaronesian endemic species.** *Madeiran subspecies sometimes given subspecific status 'madeirensis' being slightly longer billed.*
40. **Blackcap** *Sylvia atricapilla heineken*. 3/8 3 Dom Pedro Hotel , 1 near Cabeco Gordo, 1+ Ribeiro Frio , + walk start of vally to Pico da Noqueira , 4/8 4 Walk along river (Machico), 6/8 1 male Canical, 7/8 1 Ponta do Pargo, 8/8 5 Balcoes, 10 Santa. *Weakly defines subspecies also found in SW Spain: Darker and smaller. A melanistic form occurs, which we didn't see: Male with head, neck, throat and chest uniform black, belly dark olive-brown, female darker olive-brown , underparts dark olive-brown with paler olive-grey chin and central belly, juvenile like adult, but chin to chest dull dark grey with faint dusky spots, flank dark olive-brown, and belly grey) .*
41. **Spectacled Warbler** *Sylvia conspicillata orbitalis*. 6/8 1 female/juvenile Canical. *Macaronesian endemic subspecies being darker and more richly coloured above and below. Madeiran birds sometimes separated as endemic subspecies 'bella'.*
42. **Blackbird** *Turdus merula cabreræ*. 3/8 2 Dom Pedro Hotel , 2 near Cabeco Gordo, + Ribeiro Frio , 1 drive after Ribeiro Frio, 4/8 2 Walk along river (Machico), 5/8 1 Ponta do Sol, 6/8 1 Canical, 7/8 2 Ponta do Pargo, 1 Ponta Muniz, 8/8 2 Balcoes, 5 Santa. *Macaronesian endemic subspecies being marginally smaller and rounder-winged than nominate, male glossier and deeper black, female also blacker, especially below.*
43. ***Robin** *Erithacus rubecula*. 3/8 2 + h Ribeiro Frio, 8/8 1 Balcoes.
44. ***Madeira Firecrest** *Regulus madeirensis*. 3/8 25+ Ribeiro Frio, 8/8 15+ Balcoes, 10 Santa. **Endemic species.**
45. ***Chaffinch** *Fringilla coelebs madeirensis*. 3/8 1 near Cabeco Gordo, 35+ Ribeiro Frio , + drive after Ribeiro Frio, + walk start of vally to Pico da Noqueira , 8/8 10 Balcoes, 10 Santa. *Endemic subspecies with male slaty blue above, with a varying amount of green on the mantle (can have a tinge of brown across the back) and rump, bill heavy, white areas on the two outer rectrices larger and purer. Systematic of chaffinches is not clarified yet but the Madeiran subspecies may well end up being split.*
46. **Goldfinch** *Carduelis carduelis parva*. 3/8 2 ad 1 juv (begging) Dom Pedro Hotel , 4/8 10 Walk along river (Machico) , 5 Canical, 6/8 5 Canical, 7/8 3 Ponta do Pargo. *The subspecies has a distribution from SW Europe, but the smaller bill and usually weaker, shorter and more slender bill are not valid field characters.*
47. ***Linnet** *Carduelis cannabina guentheri* (formerly *nana*). 5/8 1 Canical, 6/8 2 Canical, 7/8 40 Ponta do Pargo. *This endemic subspecies is quite distinct even in non-breeding plumages being darker and more richly coloured, males chestnut on mantle and darker buff on the flanks, females darker buff and more heavily streaked below. It should also be smaller than Linnets on the mainland.*
48. **Canary** *Serinus canarina* (monotypic). 2/8 6 drive to Funchal Harbour, 1 Ponta de Cruz, 3/8 2 Dom Pedro Hotel , 4/8 25 Walk along river (Machico) , 10 Canical, 5/8 2 Canical, 7/8 2 Porto Moniz, 8/8 1 Balcoes. **Macaronesian endemic.**
49. **Common Waxbill** *Estrilda astrild*. 3/8 5 Lugar de Baxio, 4/8 25+ Walk along river (Machico). *Introduced.*
50. **Rock Sparrow** *Petronia petronia*. 5/8 40 Canical, 6/8 20 Canical. *Has been classified as an endemic subspecies ('madeirensis'), which should be somewhat darker on rump and crown; no difference in measurements.*
51. **Spanish Sparrow** *Passer hispaniolensis*. 4/8 20 Canical, 6/8 10 Canical. *Introduced.*



MAMMALS

1. **Leisler's Bat** *Nyctalus leisleri*. 2/8 10+ Ponta de Garajau. The species was seen and heard well (a typical *Nyctalus*-call but with a slight higher frequency (26-27 kHz) than e.g. the Noctule Bat *Nyctalus noctula*). The population on Madeira is described as an endemic subspecies, *verrucosus*. The bat-detector was used at a few other locations visited after dark: Pico de Arieiro, Machico and the harbour at Ponta de Sao Lourenco. The two other Madeiran bats, Madeira Pipistrelle *Pipistrellus maderensis* and Grey Long-eared Bat *Plecotus austriacus*, were not recorded.
2. **Rabbit** *Oryctolagus cuniculus*. Not seen but faeces recorded in three area: 3/8 Vally to Pico da Noqueira, 6/8 W of Canical, 7/8 Ponta do Pargo. Introduced species.
3. **Brown Rat** *Rattus norvegicus*. 8/8 1 road-kill Santa. Introduced species.
4. **Bottle-nosed Dolphin** *Tursiops truncatus*. 4/8 15 sea-watch from cliff E of Dom Pedro Hotel, 15 in fading light at the end of the Pelagic. The latter flock perhaps included some Atlantic Spotted Dolphin *Stenella frontalis* but insufficient light prevented final identification.
5. **Bryde's Whale** *Balaenoptera edeni*. 4/8 2 baleen whales most likely this species was seen during sea-watch from Dom Pedro Hotel/cliff E of Dom Pedro Hotel. In addition, blow from an unidentified whale was seen from Dom Pedro Hotel on 3/8 and the corpse of dead whale was drifting at sea at Ponta do Sol on 5/8.

Madeira is known for a slowly increasing population of the threatened Monk Seal *Monachus monachus*. We didn't see the species and we were never near the main stronghold on Deserta Island (which is strongly protected with only very restricted access). At the moment, there seems not to be any regularity in observations of the species, which however with luck can be seen along the shores of the main island – even at Funchal harbour.

REPTILES

1. ***Madeira Lizard** *Lacerta dugesii*. Widespread and not always noted: 2/8 1 Dom Pedro Hotel (Machico), 3 (black) Ponta de Cruz, 1 Ponta de Garajau, 3/8, 4/8 15 Machico, 10 Canical.
2. ***Logger-head Turtle** *Caretta caretta*. 5/8 3 Pelagic.

AMPHIBIANS

1. **Spanish Green Frog** *Rana perezi*. 4/8 20 River in Machico, 6/8 5 + hundreds of tadpoles W of Canical, 7/8 heard River in Machico. Introduced species.

BUTTERFLIES

1. **Monark** *Danaus plexippus*. 2/8 2 drive to Funchal Harbour, 3/8 2 Dom Pedro Hotel, 4/8 1 Canical, 5/8 1 Jardim Botanico, 6/8 50+ Canical, 7/8 2 Ponta do Pargo. Regularly seen from the car and not always noted.
2. **Madeira Brimstone** *Gonepteryx [cleopatra] maderensis*. 3/8 2 Balcoes, 8/8 1 Balcoes. **Endemic species.**
3. ***Clouded Yellow** *Colias crocea*. Common in the highland: 3/8 25 driving in the highland, 4/8 2 Walk along river (Machico), 7/8 5 Ponta do Pargo, 8/8 common Pico de Arieiro.
4. **Little White** *Pieris rapae*. 3/8 10 Balcoes, 100+ after Balcoes, 50+ vally to Pico da Noqueira, 4/8 5 Walk along river (Machico), 7/8 5 Ponta do Pargo.
5. ***Long-tailed Blue** *Lampides boeticus*. 3/8 10 near Cabeco Gordo, 5/8 5 Jardim Bontanico, 7/8 10+ Ponta do Pargo, 8/8 1 Pico de Arieiro.
6. ***Madeira Grayling** *Hipparchia [aristaeus] madeirensis*. Common in the highlands, where mainly seen in rather open areas: 3/8 5 near Cabeco Gordo, 2 Balcoes, 8/8 5 Pico de Arieiro. **Endemic species.**
7. ***Madeira Speckled Wood** *Parage xiphia*. 3/8 3 Balcoes, 15 Vally to Pico da Noqueira, 8/8 1 Balcoes. **Endemic species.**
8. ***Speckled Wood** *Parage aegeria*. 3/8 20 Balcoes, 40 Vally to Pico da Noqueira, 7/8 drive Porto Muniz to Ponta do Pargo, 8/8 1 Balcoes.

ADDITIONAL NOTES

We have no expertise in grasshoppers, but at least 15 large brownish grasshoppers of a species - looking like *White-faced Bush Cricket *Decticus albifrons*- were recorded at Ponta do Pargo on 7/8 and an all green one - looking like **Phaneroptera nana* - was seen near Canical on 6/8. Only dragonfly seen and identified was three Blue Emperor *Anax imperator* at Lugar de Baxio on 4/8. And finally two beautiful reddish crabs were recorded 2/8 at Ponta de Cruz - probably the species Sally Light-foot Crab *Grapsus adscensionis*.

