

BIRDS

Little Grebe *Tachybaptus ruficollis*

c10 at Tamri; c50 at Oued Massa on both visits, including parties in tight feeding flocks.

Cory's Shearwater *Calonectris diomedea*

We had very good views of several off Tamri; birds were also visible in Agadir from Hotel Anezi early in the week but not later; in addition there was a heavy passage off Sidi Ifni.

Balearic Shearwater *Puffinus mauretanicus*

One flew north off Agadir on 25th but was 'leader-only'.

Gannet *Morus bassanus*

We noted greater than expected numbers at all coastal sites early in the week, but only saw odd ones later.

Cormorant *Phalacrocorax carbo*

Seen daily at suitable localities, max. c50 at Oued Massa, where we saw several adults of the Moroccan race *P.c.maroccanus* (white breast, dark belly).

Squacco Heron *Ardeola ralloides*

One at Oued Massa on both visits, from the 'overlook' en route to the reserve entrance.

Cattle Egret *Bubulcus ibis*

Noted most days, generally in small groups of 10-20. We were especially interested in the birds accompanying the Bald Ibis.

Little Egret *Egretta garzetta*

Single figure counts at Tamri and Oueds Massa and Sous.

Grey Heron *Ardea cinerea*

Seen most days, generally in small numbers.

Purple Heron *Ardea purpurea*

One in flight at Oued Massa from the 'overlook' on 24th; another was seen (and much enjoyed) perched in the same area on 28th.

Glossy Ibis *Plegadis falcinellus*

Seen at Oued Massa on both visits, max. c70 on 24th: a memorable sight as the flock flew down river.

Bald Ibis *Geronticus eremita*

On our first morning we spotted 13 at Aourir flying towards us from the south, and followed them as they flew all the way along the coast to Tamri where they joined others to form a flock of c95 birds. We had wonderful views of birds in flight, bathing at the lagoon, feeding by the road and perched on the clifftop. Voted *Bird of the Trip* by some margin!

Spoonbill *Platalea leucorodia*

Six at Tamri, c10 at Oued Massa (including colour-ringed birds) and c10 at Oued Sous.

Greater Flamingo *Phoenicopterus ruber*

Seven at Tamri; tens rather than the expected hundreds at Oued Massa; this species didn't disappoint at Oued Sous where hundreds were present as usual.

Ruddy Shelduck *Tadorna ferruginea*

Only noted at Tamri where we had fine views of 10.

Wigeon *Anas penelope*

Two at Tamri on 23rd were relatively unexpected.

Gadwall *Anas strepera*

Five at Oued Massa on our second visit were distant and unmemorable.

Teal *Anas crecca*

We found two at Oued Massa on our first visit, near the 'shelter'.

Mallard *Anas platyrhynchos*

Two at Tamri; numerous at Oued Massa.

Pintail *Anas acuta*

Five at Tamri; small numbers at Oued Massa.

Shoveler *Anas clypeata*

Small numbers at Oued Massa; we also saw c20 at Oued Sous on our first visit.

Marbled Teal *Marmaronetta angustirostris*

This is one of the real target birds at Oued Massa and we found c50 on our first visit, some of which were seen at close range as we walked towards the sea.

Pochard *Aythya ferina*

Seen in numbers at Oued Massa on both visits.

Ferruginous Duck *Aythya nyroca*

Two at Oued Massa on 28th were welcome but distant.

Common Scoter *Melanitta nigra*

One flew north off Sidi Ifni on 26th.

Black-winged Kite (Black-shouldered Kite) *Elanus caeruleus*

Seen at Oued Massa on both visits, including great views from the village bridge on 24th; one was also seen briefly in Asrir.

Short-toed Eagle *Circaetus gallicus*

One was seen distantly (but well) from the viewpoint at Barrage Youssef-ben-Tachfine.

Marsh Harrier *Circus aeruginosus*

A good showing: up to two at Oued Massa, singles on both visits to Oued Sous and one at Barrage Youssef-ben-Tachfine.

Sparrowhawk *Accipiter nisus*

Singles at Massa, Asrir and Sidi Bibi.

Long-legged Buzzard *Buteo rufinus*

Distant singles at Agadir Kasbah, the irrigation channel en route to Barrage Youssef and Oued Sous; close views of two in the desert c35 km SW of Guelmim. The African race *B.r.cirtensis* is 20% smaller and less long-winged than some other races.

Tawny Eagle *Aquila rapax*

A juvenile gave super views as it drifted overhead near the Café de la Poste bridge at Massa.

Golden Eagle *Aquila chrysaetos*

Two adults perched for us on the hillside near Tamri lagoon.

Booted Eagle *Hieraaetus pennatus*

A dark phase bird appeared inconveniently at lunchtime near the Café de la Poste bridge at Massa but was nonetheless enjoyed by many.

Bonelli's Eagle *Hieraaetus fasciatus*

An unprecedented sequence of sightings involved a juvenile at Massa on both visits, including breathtaking views from the village bridge, two adults in Paradise Valley, and another juvenile at Oued Sous on our last morning.

Osprey *Pandion haliaetus*

Seen on the Agadir Kasbah, at Oueds Massa and Sous on both visits, and at Barrage Youssef-ben-Tachfine.

Kestrel *Falco tinnunculus*

Seen daily in small numbers.

Eleonora's Falcon *Falco eleonora*

A pale phase bird was seen twice near the reserve entrance at Oued Massa on 24th.

Lanner *Falco biarmicus*

One was seen at Asrir village; the following day two more were found in the desert c35 km SW of Guelmim, including one on the ground near the road. The local race is *F.b.erlangeri*.

Peregrine *Falco peregrinus*

We had several sightings: one perched on a pylon on Agadir Kasbah; two drifted over Tamri; another spiralled with a Barbary Falcon in Paradise Valley; best of all, one sat

on top of Hotel Anezi enjoying its view from the highest building in Agadir and allowing us to observe the distinguishing features of the race *F.p.brookei* including the brown patch on the head.

Barbary Falcon *Falco peregrinoides*

Singles were well-watched at Agadir Kasbah and in Paradise Valley.

Barbary Partridge *Alectoris barbara*

Some had more success than others with this species, but the combined tally included flight views at Oued Massa (beyond the reserve entrance) and Immouzzar (in the car park) and one running up a slope at Oued Massa (near the overlook).

Moorhen *Gallinula chloropus*

Normally only seen at Oued Massa, we also recorded this species at Tamri (c10) and in the Palace drainage channel (1-2).

Coot *Fulica atra*

c50 at Tamri and hundreds at Oued Massa.

Oystercatcher *Haematopus ostralegus*

Up to 20 seen on each visit to Oued Sous.

Black-winged Stilt *Himantopus himantopus*

c50 at Oued Massa on both visits including a memorable flock of 21 flying down river past the 'overlook'. c15 on each visit to Oued Sous.

Avocet *Recurvirostra avosetta*

Three at Oued Sous on our last morning.

Stone Curlew *Burhinus oediconemus*

Several were heard on our dusk visit to Oued Sous.

Cream-coloured Courser *Cursorius cursor*

c25 were greatly enjoyed c33 km SW of Guelmim: we had super views both on the ground and in flight.

Ringed Plover *Charadrius hiaticula*

Three at Oued Massa on 24th; seen in numbers at Oued Sous on 29th.

Kentish Plover *Charadrius alexandrinus*

Two at Oued Massa on 24th; one at Sidi Ifni; seen in numbers on both visits to Oued Sous.

Grey Plover *Pluvialis squatarola*

Seen in numbers on both visits to Oued Sous.

Knot *Calidris canutus*

Two at Oued Massa on 24th; several at Oued Sous on 29th.

Sanderling *Calidris alba*
c10 at Sidi Ifni; up to 10 at Oued Sous.

Little Stint *Calidris minuta*
Three at Oued Massa near the 'shelter' on 24th.

Curlew Sandpiper *Calidris ferruginea*
Singles at Oued Massa (near the 'shelter') on 24th and at Oued Sous on 29th.

Dunlin *Calidris alpina*
One at Tamri; five at Oued Massa on 24th; small numbers at Oued Sous on both visits.

Snipe *Gallinago gallinago*
One at Oued Sous, near the Palace drainage channel, on our dusk visit.

Black-tailed Godwit *Limosa limosa*
Up to 30 at Oued Massa on each visit with rather greater numbers on both visits to Oued Sous.

Bar-tailed Godwit *Limosa lapponica*
Seen in numbers at Oued Sous on both visits.

Whimbrel *Numenius phaeopus*
Four at Oued Sous on 27th.

Curlew *Numenius arquata*
Single figure counts at Oueds Massa and Sous.

Ruff *Philomachus pugnax*
Singles at Tamri and, the following day, at Oued Massa.

Redshank *Tringa totanus*
One at Tamri; two at Oued Massa (24th); seen in numbers at Oued Sous on both visits.

Greenshank *Tringa nebularia*
One at Tamri; two at Oued Massa (24th); seen in small numbers at Oued Sous on both visits.

Green Sandpiper *Tringa ochropus*
Singles c35km SW of Guelmim (in a roadside pond) and at Oued Sous on our first visit.

Common Sandpiper *Tringa hypoleucos*
Singles at Oued Massa on both visits, along the irrigation channel near Barrage Youssef and at Oued Sous on 29th.

Arctic Skua *Stercorarius parasiticus*
We had several good views of birds at close range – virtually all sightings were of birds on the coast loafing or chasing terns with very few on passage offshore. Three

at Tamri on 23rd; two at Sidi Ifni on 26th; two at Oued Sous on 27th with one there on 29th. One of the Sous birds was very pale-headed.

Mediterranean Gull *Larus melanocephalus*

A first-winter bird was well-watched at Oued Sous on our first visit.

Black-headed Gull *Larus ridibundus*

Numerous at Oued Sous, with very few elsewhere.

Grey-headed Gull *Larus cirrocephalus*

A first-winter bird found at Oued Massa on 24th, and seen both over the lagoon near the sea and from the village bridge, was a true vagrant. Just three records are listed in *The Birds of Morocco*.

Slender-billed Gull *Larus genei*

Two were found at Oued Sous on our last morning and were much-enjoyed as they swam in typical pose.

Audouin's Gull *Larus audouinii*

Seen in numbers at all suitable coastal locations.

Lesser Black-backed Gull *Larus fuscus*

Very common on the coast – the most numerous gull.

Yellow-legged Gull *Larus cachinnans michahellis*

Fairly common along the coast.

Gull-billed Tern *Sterna nilotica*

One gave a good (but brief) fly-past at Oued Sous late in the day on our first visit there. The same, perhaps, was seen there on our last morning flying up river.

Royal Tern *Sterna maxima*

Two perched birds on the beach at Tamri on 23rd dwarfed the Sandwich Terns and were an exciting find as we settled down to lunch!

Lesser Crested Tern *Sterna bengalensis*

Singles were noted at Oued Sous on both visits, in flight on 27th and perched splendidly on 29th.

Sandwich Tern *Sterna sandvicensis*

We saw surprisingly few – small numbers were present all along the coast, but at Oued Sous we saw fewer than 10 when five years ago we would have expected to find hundreds.

Common Tern *Sterna hirundo*

Up to five on both visits to Oued Sous; two at Oued Massa on 28th.

Black Tern *Chlidonias niger*

Five at Oued Massa on both visits, with up to three at Oued Sous.

Black-bellied Sandgrouse *Pterocles orientalis*

We found 25 near Asrir, including a small number 'scoped on the ground; equally memorable were the 100+ flying overhead in flocks against blue skies near the irrigation channel en route to Barrage Youssef: we enjoyed hearing the bubbly calls and the whirring wings.

Rock Dove (Feral Pigeon) *Columba livia*

Common and widespread: noted every day.

Woodpigeon *Columba palumbus*

One near Paradise Valley; up to 30 at Oued Sous.

Collared Dove *Streptopelia decaocto*

Seen daily in small numbers.

Laughing Dove *Streptopelia senegalensis*

One on Agadir Kasbah was well-watched. The Fulvous Babbler site at Asrir held at least four. We also saw five in and around Massa village on our second visit there.

Little Owl *Athene noctua*

A roosting bird was 'scoped in the trees near the reserve entrance at Oued Massa on our first visit. We also saw singles en route to/from Guelmim.

Long-eared Owl *Asio otus*

One, perhaps two, were seen perched and in flight after dark at Oued Sous in the trees near the car park. This species breeds in the area.

Red-necked Nightjar *Caprimulgus ruficollis*

One showed briefly at dusk (6.25 pm) along the track to the car park at Oued Sous on 27th.

Alpine Swift *Tachymarptis melba*

Six were seen over a prolonged period from the irrigation channel en route to Barrage Youssef.

Swift *Apus apus*

One was noted near Guelmim on 26th but was missed by most of us.

Little Swift *Apus affinis*

20 nesting in a roadside open-fronted garage at Sidi Bibi provided one of the spectacles of the trip. The early risers also saw 30 from Hotel Anezi on 29th – prior to that there had been no sign of any swifts in Agadir.

Kingfisher *Alcedo atthis*

One at Tamri; two at Oued Massa on both visits.

Wryneck *Jynx torquilla*

Two near the top of Agadir Kasbah showed splendidly.

Bar-tailed Desert Lark *Ammomanes cincturus arenicolor*

One just beyond Asrir; four more c29 km SW of Guelmim. The views were superb.

Desert Lark *Ammomanes deserti payni*

Rain put paid to our dusk attempt to find this species near the junction SE of Guelmim along the Assa road, so we had to return the following morning, and it took longer than expected to find our usual pair – but once the birds had been located they showed very well at close range.

Hoopoe Lark *Alaemon alaudipes*

We found good numbers (perhaps a total of 10) between km33 and km29 SW of Guelmim including birds song-fighting, digging and running: memorable as always.

Thick-billed Lark *Rhamphocoris clotbey*

Three in the cultivated area just beyond Asrir gave good 'scope views to many of the group.

Lesser Short-toed Lark *Calandrella rufescens*

As on our last trip, this was the only lark which we recorded but failed to see properly – several were singing along the road between the main road and Massa village and another was noted c33 km SW of Guelmim.

Crested Lark *Galerida cristata*

One was located in the agricultural fields near the Café de la Poste bridge in Massa village. Close observations allowed the distinguishing characteristics to be seen – in particular, study of the bill shape and call proved crucial.

Thekla Lark *Galerida theklae*

Very common in a wide range of habitats.

Temminck's Horned Lark *Eremophila bilopha*

Andrew found two c33km SW of Guelmim but the windy conditions unfortunately led to us failing to relocate them.

Brown-throated Sand Martin (Plain Martin) *Riparia paludicola*

Up to 10 on each visit to Oued Massa – we had good views from the village bridge on 24th.

Sand Martin *Riparia riparia*

One over the desert SW of Guelmim was our only sighting.

Crag Martin *Hirundo rupestris*

c30 in Paradise Valley en route to Immouzzar; one at Barrage Youssef-ben-Tachfine.

Swallow *Hirundo rustica*

Seen on five dates, mainly in small numbers – this was much the commonest hirundine.

House Martin *Delichon urbica*

Single figure counts on both visits to Oued Massa.

Tawny Pipit *Anthus campestris*

One gave excellent views to some of the group along the main road c37km SW of Guelmim.

Meadow Pipit *Anthus pratensis*

Two fly-overs at Oued Sous on our last morning were our only records.

Yellow Wagtail *Motacilla flava*

20 at Tamri were obliging as they fed on the tracks in the bushes adjacent to the lagoon.

Grey Wagtail *Motacilla cinerea*

Singles in Paradise Valley and, later the same day, in the Palace drainage channel pond at Oued Sous.

White Wagtail *Motacilla alba*

Surprisingly we saw just two, both males of the distinctive Moroccan race *M.a. subpersonata*: one at Oued Massa by the village bridge, and another (which showed superbly) in the Palace drainage channel pond at Oued Sous on our last morning.

Common Bulbul *Pycnonotus barbatus*

Common, widespread, and noisy.

Redstart *Phoenicurus phoenicurus*

A male near the top of Agadir Kasbah was one of our first birds.

Moussier's Redstart *Phoenicurus moussieri*

First found on the top of Agadir Kasbah and seen daily thereafter in small numbers in a variety of habitats and locations. We had some wonderful views.

Whinchat *Saxicola rubetra*

Two on Agadir Kasbah; singles at Oued Massa on both visits.

Stonechat *Saxicola rubicola*

Seen most days in small numbers.

Wheatear *Oenanthe oenanthe*

There appeared to have been a small fall between Agadir Kasbah and Tamri on our first day. Thereafter seen most days in only small numbers until we found 10 at Oued Sous on our last morning.

Desert Wheatear *Oenanthe deserti*

It proved to be harder work than usual to obtain good views of this species but eventually we found a cracking male SW of Guelmim, having previously had only glimpses from the bus. The race *O.d.homochroa* is supposedly more gingery than others.

Red-rumped Wheatear *Oenanthe moesta*

Conversely, this species was surprisingly showy – we found our first just beyond Asrir and saw several more both SE and SW of Guelmim.

White-crowned Black Wheatear *Oenanthe leucopyga*

Two as usual in Asrir village: this is always our first stake-out in the desert and we've never been let down!

Black Wheatear *Oenanthe leucura*

A very good showing. Five on Agadir Kasbah, with several more en route to Tamri the same day; two between Sidi Ifni and Guelmim; several en route to Immouzzar; two near Barrage Youssef-ben-Tachfine. This subspecies *O.l.syenitica* apparently has a wider tail band than other races and is less black.

Blue Rock Thrush *Monticola solitarius*

We saw more than expected: several between Agadir Kasbah and Tamri; two at Oued Massa on both visits; one in the Anti-atlas Mountains; several en route to Immouzzar.

Blackbird *Turdus merula*

Seen daily in small numbers, but rarely perched for long enough to see whether we could detect differences between this race *T.m.mauritanicus* (the female has a yellow bill and is greyer) and the one at home.

Cetti's Warbler *Cettia cetti*

Heard in numbers, but rarely seen, at Tamri and Oued Massa.

Fan-tailed Warbler *Cisticola juncidis*

We had wonderful views of several: at Tamri near the lagoon, at Oued Sous near the Palace drainage channel and in the agricultural areas at Oued Massa.

Reed Warbler *Acrocephalus scirpaceus*

Two near Hotel Anezi on 23rd with one at Tamri the same day; four at Oued Massa near the village bridge on 24th; one at Oued Massa near Café de la Poste on 28th.

Tristram's Warbler *Sylvia deserticola*

Our patience was rewarded with great views of one in the hills just short of Immouzzar; some of us saw another further down (near the ammonite shop with a good view) later the same day.

Spectacled Warbler *Sylvia conspicillata*

Two were seen very well on Agadir Kasbah; other singles were seen briefly near Asrir (at the Desert Lark site), near the main road 38 km SW of Guelmim and at the Barrage Youssef viewpoint.

Sardinian Warbler *Sylvia melanocephala*

Very common and widespread - seen daily. We had some super views, especially at Oued Sous on our last morning.

Garden Warbler *Sylvia borin*

One or two at Hotel Anezi on 25th and 27th.

Blackcap *Sylvia atricapilla*

Surprisingly scarce, with just two sightings: one in Paradise Valley and another at Oued Sous.

Chiffchaff *Phylloscopus collybita*

Several were seen on our first day at Agadir Kasbah and Tamri, but this species wasn't seen again until we found two at Oued Massa on our second visit.

Willow Warbler *Phylloscopus trochilus*

Two at Tamri; one at Oued Massa on our second visit.

Pied Flycatcher *Ficedula hypoleuca*

Three at Oued Massa on 24th; one in the Anti-atlas Mountains on 25th; one near Immouzzet on 27th.

Fulvous Babbler *Turdoides fulvus*

At least eight were coaxed out of the Prickly Pears in Asrir village and gave stunning views.

Blue Tit *Parus (caeruleus) ultramarinus*

A pair was finally found in trees at Oued Sous on our last morning. The blue mantle and dark cap make this race distinctly different from the one we see in the UK and indeed most authorities now make it a full species: African Blue Tit (including the ones on the Canaries) or Ultramarine Blue Tit (the North African race).

Great Tit *Parus major*

Seen in very small numbers on four dates.

Black-crowned Tchagra *Tchagra senegala*

We had stunning views of individuals at Tamri, in scrub near the lagoon, and Oued Sous, in a bush near the Palace drainage channel. Others were heard at Agadir Kasbah and Oued Massa.

Southern Grey Shrike *Lanius meridionalis*

Seen daily in small numbers. We had superb views of both the grey-fronted coastal race *L.m.algeriensis* (first seen at Agadir Kasbah) and the white-fronted race *L.m.elegans* (first seen along the main road 29 km SW of Guelmim).

Magpie *Pica pica*

Seen daily in small numbers. The North-west African race *P.p.mauritanica* is clearly identifiable by the blue spot behind the eye and the very long tail.

Raven *Corvus corax*

Seen only on the first day, with two at Tamri and two more on the return journey. The North-west African race *C.c.tingitanus* apparently has a slightly shorter tail than other races.

Spotless Starling *Sturnus unicolor*

Seen daily. Birds were seen well at Oued Massa in particular, including some in winter plumage which were disconcertingly 'spotty'!

House Sparrow *Passer domesticus*

Very common and widespread.

Spanish Sparrow *Passer hispaniolensis*

Surprisingly scarce, but we did manage distant views of a flock at Asrir as well as very close observations of birds at Oued Sous near the car park.

Chaffinch *Fringilla coelebs*

Seen most days in small numbers. It often proved difficult to get good views, but at several places those interested could see clearly the features of the distinctive North African race *F.c.africana* – the male has crown/nape blue-grey, mantle bright green, breast/belly pale pink, etc.

Serin *Serinus serinus*

Seen daily except when in the desert areas; we found a large flock at Tamri near the lagoon and also had great views of bathing birds in the Palace drainage channel pond at Oued Sous on our last morning.

Greenfinch *Carduelis chloris*

We had sightings of one at Asrir, five in Paradise Valley and one at Sidi Bibi.

Goldfinch *Carduelis carduelis*

Seen on four dates in a variety of habitats.

Linnet *Carduelis cannabina*

Small fly-by flocks were noted at Oued Massa on our first visit and Oued Sous on our last morning.

Crossbill *Loxia curvirostra*

We had prolonged views of half a dozen birds on wires and in the pines just short of Immouzer and were able to discuss whether the song, call or plumage (greyer?) of this race *L.c.poliogyna* were different from those of UK birds!

Trumpeter Finch *Rhodopechys githaginea*

Two seen in flight by Andrew c38 km SW of Guelmim sadly eluded the rest of us.

Cirl Bunting *Emberiza cirlus*

Two singing males gave wonderful views near Immouzer; two more were seen briefly in the agricultural area just before the reserve entrance at Oued Massa.

Rock Bunting *Emberiza cia*

Two in the Anti-atlas Mountains en route to Guelmim eventually showed fairly well to some of the group, despite the poor light.

House Bunting *Emberiza striolata*

This species proved to be harder work than usual, but most of us eventually had excellent views at Asrir, Sidi Ifni or on the way back from Immouzzar. The North African race *E.s.sahari* is very different from the one seen in the Middle East.

Corn Bunting *Miliaria calandra*

Singles were seen briefly in the desert near Asrir and at Oued Massa near Café de la Poste.

(155 species)

TOP TEN BIRDS OF THE TRIP

1 st	Bald Ibis
2 nd	Little Swift
3 rd	Black-winged Stilt
4 th	Bonelli's Eagle
5 th	Cream-coloured Courser
6 th	Long-legged Buzzard
7 th	Black-bellied Sandgrouse
8 th =	Glossy Ibis
8 th =	Grey-headed Gull
10 th	Greater Flamingo

BUTTERFLIES

Small White *Artogeia rapae*

Noted at Oued Massa.

Clouded Yellow *Colias crocea*

One at Oued Massa near the reserve entrance; another near the Café de la Poste bridge.

Lang's Short-tailed Blue *Leptotes pirithous*

One at Oued Massa was a reward for those who made it right down to the end of the lagoon near the sea.

African Grass Blue *Zizeeria knysna*

Several noted at Oueds Massa and Sous.

Painted Lady *Vanessa cardui*

Common and widespread.

Speckled Wood *Pararge aegeria aegeria*

Noted at Oued Massa on both visits – this race is a golden colour and looks very different from the one in the UK.

False Mallow Skipper *Carcharodus tripolinus*

This tiny butterfly was seen along the track at Oued Massa near the seaward end of the lagoon and was new for all who saw it.

(7 species)

DRAGONFLIES

Sahara Bluetail *Ischnura saharensis*

A blue-tailed damselfly seen near the bridge near Massa village on 24th was positively identified as this species due to the green thorax.

Blue-eye (Goblet-marked Damselfly) *Erythromma lindenii*

Five of these blue damselflies were seen near the Café de la Poste bridge in Massa village on 28th.

Migrant Hawker *Aeshna mixta*

One was seen near the viewpoint at Barrage Youssef-ben-Tachfine on 28th; c10 more were found near the Café de la Poste bridge in Massa village the same day.

Blue Emperor (Emperor Dragonfly) *Anax imperator*

Singles at Oued Massa (at the village bridge on 24th and another at the Café de la Poste bridge on 28th), and in Paradise Valley on 27th.

Lesser Emperor *Anax parthenope*

Noted at Tamri on 23rd, Oued Massa on 24th and 28th and near the Barrage Youssef viewpoint on 28th.

Epaulet Skimmer *Orthetrum chrysostigma*

We had excellent views of several in Paradise Valley on 27th, noting the waisted abdomen. Another blue skimmer at Oued Sous on 29th was probably this species.

Red-veined Darter *Sympetrum fonscolombii*

Noted in numbers at Tamri on 23rd (near the lagoon), at Oued Massa on both visits (24th/28th) and at Oued Sous near the Palace drainage channel on 29th.

Broad Scarlet (Scarlet Darter) *Crocothemis erythraea*

Two at Oued Massa on 24th; another at Oued Sous along the Palace drainage channel on 29th.

Violet Dropwing (Violet-marked Darter) *Trithemis annulata*

Seen only at Oued Massa, with two from the village bridge on 24th and greater numbers at the Café de la Poste bridge on 28th.

Red-veined Dropwing *Trithemis arteriosa*

This thin, red, dragonfly was observed in Paradise Valley on 27th.

Orange-winged Dropwing *Trithemis kirbyi ardens*

Several were seen and photographed at Paradise Valley on 27th; also noted at Oued

Sous near the Palace drainage channel. This was the stunning red dragonfly with orange inner wings.

Ringed Cascader *Zygonyx torridus*

At least three of this yellow/black dragonfly were noted in Paradise Valley on 27th.

(12 species)