



Rockjumper Birding Tours

Worldwide Birding Adventures

Morocco Trip Report The Atlas to Sahara

9th February to 18th February 2010



Trip Report Compiled by Tour Leader Mark Beevers

Trip Summary

A pre-dawn start saw the tour depart from the ancient city of Marrakech towards the ski-resort of Oukaimeden in search of some very special high altitude species. *En route* we stopped at the village of Ait Ourir, where occasionally Western Jackdaws have been seen, here at the southern edge of their range. We couldn't find any Jackdaws, but a short stop by the river produced a pair of smart Little Ringed Plovers and two White Wagtails of the race *subpersonata*, also known as Moroccan Wagtail. Onwards and upwards we stopped again a little higher up where we had excellent close views of our first regional endemic, Levillant's Woodpecker. Also here was the *mauritanus* race of

Great-spotted Woodpecker, a singing Winter Wren and a fine pair of Cirl Buntings. Just before we reached Oukaimeden another stop produced a pair of Firecrests, a couple of dapper White-throated Dippers, a bulky Hawfinch and a flock of forty Rock Sparrows. Mistle Thrushes were singing and in the garden of the hotel we found African Blue Tits and Black Redstart. After our first of many tagine lunches we set off in search of the specialities of the area, and we soon had exceptional views of Horned Lark (of the *atlas* race), Red-billed and Alpine Choughs. Careful searching produced several wintering Ring Ouzels and then one of our major targets was discovered, an Alpine Accentor, which only stayed briefly before diving down the cliff face. Along the snowline we found our final target when we had very close and prolonged views of African Crimson-winged Finch. Having secured all our targets for the area, we were able to leave Oukaimeden early the following morning, but not before several of the group managed to see an adult Lammergeier leave its roost, a rare sighting in Morocco.



A long travel day to Agadir still managed to produce a few species including Barbary Partridge, a very nice Bonelli's Eagle near the Tin Mal Mosque, which we visited briefly and where we also saw our first Moussier's Redstart, another regional endemic. A Great-spotted Cuckoo flew across the road in front of us as we arrived in Agadir, and we made it to Oued Souss with a few minutes of daylight to spare. Here in the falling gloom we picked out seven Mediterranean Gulls and a Pied Avocet, and then as night descended two Eurasian Stone Curlews flew overhead, as did a probable Long-eared Owl. Our final bird for the day was an obliging Red-necked Nightjar that sat atop a tree, allowing everyone good views.

A trip to Oued Massa National Park is always productive, and our visit was no different. Even before we reached the parking lot we'd seen sixty Glossy Ibis leaving their roost, Pochard and Tufted Ducks, and heard Common Quail, Water Rail, Cetti's Warbler and Corn Bunting. We set off walking towards the river mouth and were soon rewarded with superb views of a Black-crowned Tchagra, followed shortly afterwards by excellent looks at both a juvenile Great-spotted Cuckoo and one of three Eurasian Wrynecks that we found during the morning. Good numbers of diving ducks were present, and close scrutiny revealed thirty-six Marbled Teal, a male Ferruginous Duck and the rarest bird of the trip, a vagrant Lesser Scaup. More excitement came in the shape of two Black-necked Grebes, two Eurasian Wigeon, twenty-one Common Cranes, another Eurasian Stone Curlew, three Spotted Redshank and three hundred Audouin's Gulls, whilst the walk back produced a juvenile Spoonbill and a female Eurasian Marsh Harrier. The afternoon was reserved for another special species, the critically endangered Northern Bald Ibis (or Waldrapp as it is also known). We searched the area around Tamri and quickly found a flock of sixty-seven of these charismatic birds feeding close to the road,



allowing us prolonged views. Nearby sea-watching at Cap Rhir started with a bang when Dan found a party of six Black (Common) Scoter flying north. There was also a strong movement of Northern Gannets, while another four hundred Audouin's Gulls were counted on the Oued Tamri.

As we had to collect some missing baggage from the airport the following day, we took the opportunity to visit the Oued Souss during daylight – and what an excellent decision that proved to be! We added nine species of shorebird to the trip list, including Snowy (Kentish) and Ringed Plovers, Knot, Bar-tailed Godwit, Little Stint and a rare Temminck's Stint. Surprisingly, Great



Egret is a rarity in Morocco, so two in a small pool were a very good find, while at the mouth of the estuary we located a stately Osprey and a couple of Slender-billed Gulls. Once the missing baggage had been recovered we set off on the long drive to Boulmane du Dades, punctuated by regular roadside stops. Highlights included our only Woodchat Shrike, as well as other southern European species such as Eurasian Hoopoe, Red-rumped Swallow and Southern Grey Shrike. Long-legged Buzzard was added to the trip list, and we also found a small flock of delightful Trumpeter Finches. Our first White-crowned Black Wheatears started to appear and, as night fell and we arrived in Boulmane, two Little Owls were seen from the vehicle by a few participants.

Boulmane was to be our base for the next two nights, and the town is ideally situated to allow an early visit to another special site, the famous Tagdilt Track. We were out at first light and quickly secured both Temminck's Horned Lark and Red-rumped Wheatear, the two commonest birds in the area. It was then time to search for the specials and our first target to fall was the nomadic Thick-billed Lark. This species can be tricky, but we nonetheless managed to locate about 20 between a couple of locations. Other Larks included Bar-tailed Lark, two Greater Short-toed Larks and four Eurasian Skylarks.



Birds of prey were represented by at least sixty-two Black Kites around the rubbish tip and a single Long-legged Buzzard and Lanner Falcon. We then tried a different area, this time more sandy, and quickly found some gorgeous Cream Coloured Coursers and displaying Hoopoe Larks, both of which are desert specialities. Then a flock of twenty Crowned Sandgrouse landed and allowed prolonged scope views. Another tricky target here is Mourning Wheatear, (sometimes split as Maghreb Wheatear). Specific information lead us to the aptly named "Wheatear Wall" where after a bit of searching, a stunning Male Mourning Wheatear was located; and, in the same area, we also found a male Northern Wheatear and Desert Wheatear. Black-bellied Sandgrouse was our final target species here and a total of nineteen were found in another area before we left for the impressive Dades Gorge. Our primary goal was Tristram's Warbler, and we quickly located a male that gave good views to all. Here we also had very good looks at Barbary Partridge and were able to compare Rock and House Bunting, while a flock of 25 migrating Black Kites flew over.

Our first location the following day was another impressive Gorge, this time the Todra Gorge which held more Barbary Partridge, our only Desert Larks of the trip and more Tristram's Warblers. More surprising, however, was a male Ring Ouzel. We also had a good look at three Common Gundis



(which reminded most people of Rock Hyrax). Mid-morning then saw us start the long drive to Midelt, and shortly after lunch we stopped at a desert area that looked as though it may be interesting. It was a good call indeed, because while watching a pair of Spectacled Warblers a party of eleven Fulvous Babblers gave excellent views, and we also discovered a small flock of Trumpeter Finches. Nearby we stopped at a stakeout for Streaked Scrub Warbler which we saw almost as soon as we left the bus! Other birds there included two Thick-billed Larks, ten Thekla Larks and two more Fulvous Babblers. We

continued on our way to Midelt, stopping briefly at Barrage Hassan Addakhil near Er-Rachidia to check the wildfowl. These included about forty Ruddy Shelduck and three hundred Marbled Teal.



The following Morning we were at the Zeida Plain at dawn, and already several Dupont's Larks were singing their Oriole-like song. After a bit of work we all eventually got good scope views of this, one of the most difficult-to-see Larks in Africa. Two Lesser Short-toed Larks were also located, as was another Cream-coloured Courser. After a late breakfast we then set off south towards the town of Erfoud, the gateway to the vast Sahara Desert. The decision to stop at an area of cultivated land paid good dividends as we found at least two Calandra Larks and three Corn Buntings, whilst the chance sighting of a large raptor a few kilometres further on caused another roadside stop that produced twenty-two migrating Short-toed Eagles along with three Egyptian Vultures. Continuing further south we had a close look at another recent split, Maghreb Lark (split from Crested Lark) before finally arriving at our very nice accommodation in Erfoud.



Erg Chebbi marks the start of the Sahara, an area with incredible sand dunes only accessible by four-wheel drive vehicles. A number of special birds occur in the area, and we started our day off with great views of a male Africa Desert Warbler. We then commenced a search for Houbara Bustard that we failed to locate; but in doing so we came across many more Cream-coloured Coursers, three Hoopoe Larks, a flock of fifty-one Thick-billed Larks and thirty Greater Short-toed Larks. Moving on to one of the many auberges that line the base of the dunes we easily found a number of Brown-necked Ravens, but had to work hard before we discovered a female Desert Sparrow, a species with a liking for camel dung! After lunch we went to Merzouga, a famous desert wetland. Some years it isn't there, often it is quite small, but this year because of the wet winter it spanned a huge area and held thousands of birds. Unfortunately, however, very strong winds and blowing sand meant viewing was almost impossible, though we nonetheless persevered and found eight hundred Greater Flamingos, five Black Storks, four Common Shelduck, four hundred Marbled Teal, twenty Ferruginous Ducks, at least eleven Marsh Harriers and three Ruff. The conditions then proved impossible, so we relocated to Rissani where we managed to find an adult Pharaoh Eagle Owl sheltering high in a crevice on a cliff face.

Next day saw the start of our return journey to Marrakech via Ouarzazate. We stopped at a site where we had previously seen a couple of Spotted Sandgrouse, and we quickly had very distant



views of three. As these were poor views we waited in the area and soon were rewarded with many small flocks totalling an impressive one hundred and fifteen birds. Many were seen on the ground while others flew overhead calling. This was certainly a memorable morning, especially since back up species included Egyptian Vulture, Osprey, Fulvous Babbler and Trumpeter Finch. In Ouarzazate we ended the day at another wetland, Barrage El Mansoor Eddahbi, where we had a flock of one hundred and fifty White Storks as well as eighty Black Kites, ten Marsh Harriers, two Little Stints, thousands of Barn

Swallows held up by the weather, and ten or so Sedge Warblers.

Our final day of the tour saw us delayed by flooded bridges, a moderate snow fall as we drove over the Tizi-n-Tichka Pass, and a storm in Marrakech. At the highest point of the pass we found three Horned Larks (unusual here) as well as a few Thekla Larks. We then lunched in the small village of Toufliht, but not before watching a Bonelli's Eagle soaring overhead. The woodland around the village gave up Levillant's and Great-spotted Woodpeckers, Great, Coal and African Blue Tit,



Short-toed Treecreeper and several Red Crossbills; and then just as we were about to leave, one final scan of the wooded hillside turned up a pair of Northern Goshawks, yet another scarce breeding bird in Morocco. We returned to Marrakech in torrential rain, passing Black-billed Magpies and Spotless Starlings on the way.

And so ended our winter tour to this fascinating country. Morocco is a land of many contrasts with stony deserts, impressive gorges, ancient Kasbahs and medinas, and stunning sand dunes. Best of all, the country harbours many interesting and unusual birds, and we managed to see all the north-west African endemics as well as some very special breeding species. The excellent birding, coupled with some superb accommodation and food, ensured that we all had a very successful trip!



Photo credits (in order of appearance): Tristram's Warbler, Levillant's Woodpecker, Moussier's Redstart, Greater Hoopoe Lark, Northern Bald Ibis and Calandra Lark by Adam Riley, Cream-coloured Courser by Werner Suter, and Horned Lark by Adam Riley.

Annotated List of Birds Recorded

Nomenclature and taxonomy follows the IOC List of Please cite: Gill, F. and M. Wright. 2006. Birds of the World: Recommended English Names. Princeton NJ: Princeton University Press.

Total species recorded: 183

Pheasants, Fowl & Allies Phasianidae

Barbary Partridge

Alectoris barbara

Recorded on four dates during the tour with excellent scope views of seven in Dades Gorge and two in Todra Gorge.

Common Quail

Coturnix coturnix

Three were heard calling at Oued Massa.

Ducks, Geese & Swans Anatidae

Common Shelduck

Tadorna tadorna

Four were seen at Merzouga and four also at Barrage El Mansoor Eddahbi near Ouarzazate.

Ruddy Shelduck

Tadorna ferruginea

Recorded on five dates during the tour from Oued Tamri (2); Hassan Addokhil near Er-Rachidia (max 40); Merzouga (200) and Barrage El Mansoor Eddahbi near Ouarzazate

Eurasian Wigeon

Anas penelope

Two females were seen at Oued Massa.

Mallard

Anas platyrhynchos

Recorded on three dates during the tour at Oued Massa (three); Hassan Addokhil near Er-Rachidia (2 pairs) and a peak of ten at Barrage El Mansoor Eddahbi near Ouarzazate.

Northern Shoveler

Anas clypeata

Recorded on four dates during the tour from Hassan Addokhil near Er-Rachidia (max 8), Merzouga (200) and Barrage El Mansoor Eddahbi near Ouarzazate (30).

Northern Pintail

Anas acuta

About 20 were seen at Merzouga.

Eurasian Teal

Anas crecca

100 were seen at Merzouga and 30 were present at Barrage El Mansoor Eddahbi near Ouarzazate.

Marbled Duck

Marmaronetta augustirostris



First seen at Oued Massa where 36 were counted. Then some impressive counts made at Hassan Addokhil near Er-Rachidia (max 500) and Merzouga (500). Six were also seen at Barrage El Mansoor Eddahbi near Ouarzazate.

Common Pochard*Aythya ferina*

30 at Oued Massa with 200 at Hassan Addokhil near Er-Rachidia and 200 at Merzouga.

Ferruginous Duck*Aythya nyroca*

A male was at Oued Massa and 20 were seen at Merzouga.

Tufted Duck*Aythya fuligula*

50 were at Oued Massa and singles were at Hassan Addokhil near Er-Rachidia and Merzouga.

Lesser Scaup*Aythya affinis*

A major surprise for the trip was the discovery of a male of this North American species at Oued Massa. Enquiries to date have revealed just one previous record of this species for Morocco (April 5th 2004).

Black Scoter*Melanitta nigra*

Six which flew north past Cap Rhir was a bit of a surprise but nevertheless a very welcome sighting.

Grebes Podicipedidae**Little Grebe***Tachybaptus ruficollis*

Recorded on four dates during the tour from Oued Massa (15), Hassan Addokhil near Er-Rachidia and Merzouga (20)

Great Crested Grebe*Podiceps cristatus*

20 were seen at Hassan Addokhil near Er-Rachidia, Merzouga and Barrage El Mansoor Eddahbi near Ouarzazate.

Black-necked Grebe*Podiceps nigricollis*

Two were seen at Oued Massa.

Flamingos Phoenicopteridae**Greater Flamingo***Phoenicopterus ruber*

60 were seen at Oued Souss, an immature was at Hassan Addokhil near Er-Rachidia and c800 were seen at Merzouga.

NOTE: The Greater Flamingo (P. roseus) and the Caribbean Flamingo (P. ruber) are now considered monotypic species according to Clements.

Storks Ciconidae**White Stork***Ciconia ciconia*

Recorded on nine dates during the tour with birds on nests in many towns. Numbers were generally less than 50 but 150 counted at Barrage El Mansoor Eddahbi near Ouarzazate.

Black Stork*Ciconia nigra*

Five were seen at Merzouga and four were seen migrating north at Toufliht.

Ibises & Spoonbills Threskiornithidae**Northern Bald Ibis (Cr)***Geronticus eremita*

An impressive count of 67 was made near Tamri.

Glossy Ibis*Plegadis falcinellus*

60 were counted leaving their roost at Oued Massa.

Eurasian Spoonbill*Platalea leucorodia*

Recorded on four dates during the tour with single birds at Oued Massa and Merzouga and 15 at Oued Souss.

Hérons & Bitterns Ardeidae

[Western] Cattle Egret*Bubulcus ibis*

Recorded on nine dates during the tour with four counts in excess of 100 the highest being 145 at Ait Ourir whilst en route to Oukaimeden.

NOTE: This group may be split into 2 species, the nominate Common Cattle Egret (which is what we recorded in Morocco) and the Asian/Australasian Eastern Cattle Egret E. coromanda. This split is as yet not recognized by Clements.

Grey Heron*Ardea cinerea*

Recorded on seven dates during the tour with the highest counts coming from Oued Souss (20), Oued Massa (20) and Barrage El Mansoor Eddahbi near Ouarzazate (20).

Little Egret*Egretta garzetta*

Recorded on seven dates during the tour with the highest counts being 100 seen at Oued Souss and 100 at Merzouga.

[Western] Great Egret*Ardea alba*

Two were found at Oued Souss. This species appears to still be a rare species that is considered by the Moroccan rare birds committee.

Gannets Sulidae**Northern Gannet***Morus bassanus*

Recorded off the mouth of the Oued Massa and from Cap Rhir where 160 flew north in 15 minutes. (An estimated 250 were seen during the day and many birds were seen plunge-diving).

Cormorants & Shags Phalacrocoracidae**Great Cormorant***Phalacrocorax carbo maroccanus*

Recorded on seven dates during the tour from Oued Souss (max six), Oued Massa (30), Hassan Addokhil near Er-Rachidia (max 40), Merzouga (max 50) and Barrage El Mansoor Eddahbi near Ouarzazate (300).

Ospreys Pandionidae**[Western] Osprey***Pandion haliaetus*

One was seen at the mouth of Oued Souss and one flew over the group east of Tinejdad whilst we were watching the Spotted Sandgrouse.

Kites, Hawks & Eagles Accipitridae**Black Kite***Milvus migrans*

Recorded daily from the 13th with notable counts of at least 62 at the Tagdilt Track, 25 migrating over Dades Gorge, 80 at Barrage El Mansoor Eddahbi near Ouarzazate and 59 migrating north over Toufliht.

Bearded Vulture (Lammergeier)*Gypaetus barbatus*

One of the surprises of the trip an adult was seen early morning at Oukaimeden.

Egyptian Vulture*Neophron percnopterus*

Three adults flew northwest with migrating Short-toed Eagles north of Er-Rachidia and an adult flew over the group east of Tinejdad.

Short-toed Snake Eagle*Circaetus gallicus*

22 were seen flying in a north-westerly direction, north of Er-Rachidia.

Western Marsh Harrier*Circus aeruginosus*

A female was seen at Oued Massa, 11 were counted at Merzouga and nine were seen at Barrage El Mansoor Eddahbi near Ouarzazate.

Eurasian Sparrowhawk*Accipiter nisus*

Single birds were seen at Ait Ourir on the way to Oukaimeden, near Asni, at Tinejdad, and north of Er-Rachidia.

Northern Goshawk*Accipiter gentilis*

A pair was found on the Tizi-n-Tichka pass, a scarce bird in Morocco.



Long-legged Buzzard*Buteo rufinus*

Recorded daily between the 12th and 17th from Taliouine (one), Tagdilt Track (two), Dades Gorge (one), between Goulmina and Er-Rachidia (six), between Midelt and Erfoud (four), Erg Chebbi (one) and between Erfoud and Ouarzazate (four).

Bonelli's Eagle*Aquila fasciata*

One was seen near the Tin Mal Mosque and another was watched over Toufliht.

Falcons & Caracaras Falconidae**Common (Eurasian) Kestrel***Falco tinnunculus*

Up to six recorded daily throughout the tour from many locations including Oued Massa, Tamri, Oukaimeden, Boulmane, Tinerhir; Goulmina and Erfoud.

NOTE: Some authorities split this species into Common Kestrel, F. tinnunculus which we observed (occurring in East Africa and the Palaearctic region) and Rock Kestrel, F. rupicolus that occurs in Southern Africa. Clements does not as yet recognize these splits.

Lanner Falcon*Falco biarmicus*

One was seen at the Tagdilt Track, three were seen between Midelt and Er-Rachidia and one was seen east of Tinejdad.

Peregrine Falcon*Falco peregrinus*

Single females were seen near Agadir and north of Er-Rachidia.

Barbary Falcon*Falco pelegrinoides*

One was seen as we came off the Tizi-n-Test Pass and another was seen west of Er-Rachidia.

Rails, Crakes & Coots Rallidae**Water Rail***Rallus aquaticus*

Three were heard calling at Oued Massa but despite our best efforts they could not be coaxed into view.

Common Moorhen*Gallinula chloropus*

Ten were seen at Oued Massa.

Eurasian Coot*Fulica atra*

Recorded on four dates during the tour with 50 at Oued Massa, 200 at Hassan Addokhil near Er-Rachidia, 1000 at Merzouga and 500 at Barrage El Mansoor Eddahbi near Ouarzazate

Cranes Gruidae**Common Crane***Grus grus*

A total of 21 birds were found at Oued Massa including four which flew low overhead calling loudly, a magnificent sight.

Oystercatchers Haematopodidae**Eurasian Oystercatcher***Haematopus ostralegus*

15 were seen at Oued Souss.

Stilts & Avocets Recurvirostridae**Black-winged Stilt***Himantopus himantopus*

Ten seen at Oued Massa, a maximum of 30 were located at Oued Souss and 20 were present at Merzouga.

Pied Avocet*Recurvirostra avosetta*

One was found amongst the above species at Oued Souss.

Plovers Charadriidae**Grey (Black-bellied) Plover***Pluvialis squatarola*

80 were counted at Oued Souss.



Common Ringed Plover*Charadrius hiaticula*

An estimated 100 were at Oued Souss.

Little Ringed Plover*Charadrius dubius*

Two were seen on the river at Ait Ourir on the way to Oukaimeden, one was heard calling at Oued Souss, one was at Merzouga and four were at Barrage El Mansoor Eddahbi near Ouarzazate.

Kentish (Snowy) Plover*Charadrius alexandrinus*

About 50 were seen at Oued Souss.

Sandpipers & Snipes Scolopacidae**Common Snipe***Gallinago gallinago*

One flew over Oued Massa.

*Note: New World race delicata of Common Snipe has been raised to species level, Wilson's Snipe Gallinago delicata.***Black-tailed Godwit***Limosa limosa*

One flew along Oued Massa with Black-winged Stilts.

Bar-tailed Godwit*Limosa lapponica*

Six were seen at the mouth of the Oued Souss.

Eurasian Curlew*Numenius arquata*

15 were seen at Oued Souss.

Spotted Redshank*Tringa erythropus*

Three were at the mouth of the Oued Massa and one was heard calling at Oued Souss.

Common Redshank*Tringa totanus*

50 or so were seen at Oued Souss.

Common Greenshank*Tringa nebularia*

Six were seen at Oued Souss.

Green Sandpiper*Tringa ochropus*

Three were present at Oued Massa and two were seen at Oued Souss.

Common Sandpiper*Actitis hypoleucos*

Single birds were heard calling at Oued Souss, one was seen at Oued Massa and four were located at Barrage El Mansoor Eddahbi near Ouarzazate.

Ruddy Turnstone*Arenaria interpres*

Two were found amongst the wader flock at Oued Souss.

Red Knot*Calidris canutus*

Seven were found at Oued Souss.

Sanderling*Calidris alba*

Five were running amongst the gulls at the mouth of Oued Massa and about 30 were present at Souss.

Little Stint*Calidris minuta*

Four were found at Oued Souss and two were seen at Barrage El Mansoor Eddahbi near Ouarzazate.

Temminck's Stint*Calidris temminckii*

One was found at Oued Massa.

Dunlin*Calidris alpina*

25 were present at Oued Souss.

Ruff*Philomachus pugnax*

Three were eventually located in the Sandstorm at Merzouga.

Coursers & Pratincoles Glareolidae**Cream-colored Courser***Cursorius cursor*

15 were located on the Tagdilt Track, one was seen on the Zeida Plain and about 25 were present in the Erg Chebbi area.



Gulls, Terns & Skimmers Laridae**Slender-billed Gull***Chroicocephalus genei*

Two were located at Oued Souss.

Black-headed Gull*Chroicocephalus ridibundus*

Seven Recorded on five dates during the tour with a maximum of 100 at Oued Souss, 20 at Merzouga and 20 at Barrage El Mansoor Eddahbi near Ouarzazate.

Audouin's Gull*Ichthyaetus audouinii*

Two large flocks were seen on the same day with 300 at Oued Massa and 400 at Oued Tamri.

Mediterranean Gull*Ichthyaetus melanocephalus*

Seven birds in first winter plumage were at Oued Massa on our first visit with eight on our second. The only other bird seen was a first winter at Agadir Harbour.

Yellow-legged Gull*Larus michahellis*

Only recorded at the coast where birds were seen at Oued Massa, Oued Souss and Oued Tamri. By far the highest numbers were at Agadir harbour where about 300 were seen.

Lesser Black-backed Gull*Larus fuscus*

This species was found in large numbers at the coast with 300 at Oued Massa, Agadir harbour and Oued Tamri and 1000 at Oued Souss. One was seen inland at Barrage El Mansoor Eddahbi near Ouarzazate.

Sandwich Tern*Thalasseus sandvicensis*

12 were at Oued Massa, one was at Agadir Harbour and 30 were seen at Oued Souss.

Skuas Stercorariidae**Skua sp.***Stercorariidae sp.*

One bird seen distantly from Cap Rhir landed on the sea before it could be identified to species level.

Sandgrouse Pteroclididae**Spotted Sandgrouse***Pterocles senegallus*

A total of 115 were counted near Erfoud many of which landed allowing reasonably close views whilst the bubbling calls of others echoed all around us. One of the most memorable events of the tour.

Black-bellied Sandgrouse*Pterocles orientalis*

20 or more were seen on the ground and in flight at the Tagdilt Track.

Crowned Sandgrouse*Pterocles coronatus*

At least 19 gave very good views at the Tagdilt Track. We enjoyed scope views of three species of Sandgrouse on the ground during this tour. This was exceptional as most tours record only one species and occasionally two.

Pigeons & Doves Columbidae**Common (Rock) Pigeon***Columba livia*

Recorded every day in all towns with birds in wild plumage noted at Oukaïmeden and in both Todra and Dades Gorges.

Common Wood-Pigeon*Columba palumbus*

Recorded on five dates during the tour with records from Oued Souss, Oued Massa, en route to Oukaïmeden (about 10) and Toufliht.

Eurasian Collared-Dove*Streptopelia decaocto*

A common resident that was recorded daily in many towns

Laughing Dove*Spilopelia senegalensis*

We recorded this species on four dates during the tour from Oued Massa, en route to Ouarzazate, between Boulmane du Dades and Er-Rachidia and near Erfoud. No more than four a day seen.



Cuckoos Cuculidae**Great Spotted Cuckoo***Clamator glandarius*

The first flew across the road in front of the vehicle as we drove into Agadir but then a juvenile gave excellent scope views at Oued Massa.

Owls Strigidae**Pharaoh Eagle Owl***Bubo ascalaphus*

An adult gave excellent scope views despite the very strong wind at the roost site near Rissani.

Little Owl*Athene noctua*

Just two birds were seen as we drove into Boulmane du Dades.

Long-eared / Short-eared Owl*Asio otus / flammeus*

One was seen very briefly in the dark but the view was so short that the bird couldn't be confidently identified to species though it is likely that it was a Long-eared Owl.

Nightjars Caprimulgidae**Red-necked Nightjar***Caprimulgus ruficollis*

One gave great views by spotlight at Oued Massa as it perched on top of a tree.

Swifts Apodidae**Alpine Swift***Tachymarptis melba*

We saw one of these powerful flyers at Oued Massa.

Pallid Swift*Apus pallidus*

We saw a number of swifts but most were too distant to allow confident identification. However two of this species were seen at Oued Massa, one was at Merzouga and ten were over Barrage El Mansoor Eddahbi near Ouarzazate.

Little Swift*Apus affinis*

One was seen in Agadir and ten were over Marrakech on our last day.

Kingfishers Alcedinidae**Common Kingfisher***Alcedo atthis*

Two of these beautiful Kingfishers were seen at Oued Massa.

Hoopoes Upupidae**Eurasian Hoopoe***Upupa epops*

These early migrants were recorded on seven dates during the trip with a maximum daily count of six on two dates. Some of the places we recorded them included Ait Ourir en route to Oukaimeden, the Taliouine lunch stop, Todra Gorge, north of Er-Rachidia, Er-Rachidia (six), Erg Chebbi and the Ouarzazate area.

Clements only recognizes two species of Hoopoe; Eurasian U. epops and Madagascar U. marginata. One further species, is widely recognized namely African U. africana and a 4th is sometime recognized, West/Central African U. senegalensis. We only recorded the nominate Palaearctic form U. e. epops.

Woodpeckers Picidae**Eurasian Wryneck***Jynx torquilla*

Probably three were seen at Oued Massa including one which gave great views at close range and which was even heard giving its piping call.

Great Spotted Woodpecker*Dendrocopos major*

One was seen on the way up to Oukaimeden and another was seen at Toufliht.

Levaillant's Woodpecker*Picus vaillantii*

One gave stunning views on the way up to Oukaïmeden whilst another called in the valley below and another showed more distantly at Tizi-n-Tichka pass. A north-west African endemic.

Bushshrikes Malaconotidae

Black-crowned Tchagra

Tchagra senegalus

Several birds were seen and heard at Oued Massa at least one of which gave good close views.

Shrikes Laniidae

Southern Grey Shrike

Lanius meridionalis

A common bird with records of up to ten birds on at least eight dates although usually seen whilst travelling. Most birds were of the coastal *algeriensis* race but birds of the interior *elegans* race were seen 43km west of Er-Rachidia and around Erfoud.

NOTE: Southern Grey Shrike, L. meridionalis of Europe and N.Africa has been split further into Steppe Grey Shrike, L. pallidirostris of Asia and migrant to East Africa. Clements recognizes the split from Northern Shrike but not the further splits of the Southern Grey Shrike group.

Woodchat Shrike

Lanius senator

One was found during our lunch break at Taliouine, another early migrant.

Crows & Jays Corvidae

Eurasian Magpie

Pica pica mauritanica

Common in the Agadir area with ten noted on two dates whilst two more were seen as we entered Marrakech. This race has a striking area of blue around the eye.

Red-billed Chough

Pyrhocorax pyrrhocorax

Up to 100 were seen on the two days that we were at Oukaïmeden and they often gave good views.

Alpine (Yellow-billed) Chough

Pyrhocorax graculus

More common than the preceding species with up to 300 present on the two days that we were at Oukaïmeden. Their call is more reminiscent of a passerine than a corvid.

Brown-necked Raven

Corvus ruficollis

At least 15 of this true desert loving species were seen near Erg Chebbi and several gave sufficiently good views to allow us to see the brown neck.

Northern (Common) Raven

Corvus corax

Three were seen at Oukaïmeden whilst two were also present at Tamri. Further sightings included one near Goulmina, six at Zeida Plain, 10 between Er-Rachidia and one near Rissani.

Tits Paridae

Coal Tit

Periparus ater

Four were seen on the way up to Oukaïmeden with three recorded on the way down the following day. Four or more also showed well at Toufliht on our final day.

Great Tit

Parus major

Single birds were seen on the way up and down from Oukaïmeden and two were seen at the lunch stop in Taliouine. Two more were seen at Toufliht.

African Blue Tit

Cyanistes teneriffae

Six were seen on the way up to and down from Oukaïmeden, two were seen at Toufliht and one or two were seen on two other dates.

Larks Alaudidae

Greater Hoopoe-Lark

Alaemon alaudipes

At least ten were seen at the Tagdilt Track, one was at the Zeida Plain, three were near Erg Chebbi and one was noted 53km east of Tinejdad.

Thick-billed Lark

Ramphocoris clotbey



About 35 of these nomadic larks were seen at the Tagdilt Track where scope views were obtained, two were seen whilst travelling towards Er-Rachidia and at least 51 were seen together but distantly near Erg Chebbi. A good showing for this sometimes difficult to get to grips with species.

Calandra Lark *Melanocorypha calandra*

After much searching we eventually found two of this species singing on recently tilled land rather than in the desert.

Bar-tailed Lark *Ammomanes cinctura*

Four were found on the Tagdilt Track, six were seen in the vicinity of Erg Chebbi and four were seen 53km east of Tinejdad. Their presence was often given away by their call which sounded like a swinging gate.

Desert Lark *Ammomanes deserti*

Not really a lark of the deserts preferring rocky places we found three in Todra Gorge and another was seen north of Er-Rachidia.

Greater Short-toed Lark *Calandrella brachydactyla*

Two were seen at the Tagdilt Track, one was found west of Er-Rachidia, a loose flock of 30 was near Erg Chebbi and four seen east of Tinejdad.

Lesser Short-toed Lark *Calandrella rufescens*

Remarkably scarce we found just three west of Er-Rachidia and two gave good views at Zeida Plain.

Dupont's Lark *Chersophilus duponti*

Our freezing dawn visit to the Zeida Plain was rewarded with great scope views of three of this very hard to see lark. Others were heard giving their Oriole-like call in the half light.

Crested Lark *Galerida cristata*

A common & widespread lark except in the true desert areas we saw this species on at least six dates with ten at Oued Souss (and whilst travelling) and 15 at the Tagdilt Track.

Magrheb Lark *Galerida randonii*

Two individuals of this recently split (from Crested Lark) species were observed about 10km north of Erfoud.

Thekla Lark *Galerida theklae*

Ten were seen west of Er-Rachidia, three were seen at Zeida and six were seen in snow as we crossed Tizi-n-Tichka pass. This species is not nearly as common as the Crested Lark and prefers higher altitudes.

Eurasian Skylark *Alauda arvensis*

Four were seen at the Tagdilt Track where it is an irregular visitor.

Horned (Shore) Lark *Eremophila alepstris*

About 30 showed exceptionally well at Oukaimeden having been forced down by recent snows and more unusually three were seen at the top of Tizi-n-Tichka Pass again following a period of heavy snow. This species is rarely recorded from the latter site.

Temminck's Lark *Eremophila bilopha*

At least 20 were seen at the Tagdilt Track where it is one of the commonest species encountered.

Bulbuls Pycnonotidae

Common Bulbul *Pycnonotus barbatus*

Recorded throughout Morocco in many places, we only missed it on one day.

NOTE: Another very confusing polytypic species complex. Several Asian and African forms have already been recognized as distinct species within the super-species. Several other forms (including ones which we recorded i.e. Egyptian Bulbul P. arsinoe and Dark-capped Bulbul P. tricolor) are likely to be recognized as distinct once genetic analysis and further study is completed.

Swallows Hirundinidae

Sand Martin (Bank Swallow) *Riparia riparia*



Small numbers were recorded on six dates from a number of sites such as Oued Massa, Oued Souss, Hassan Addokhil near Er-Rachidia and Barrage El Mansoor Eddahbi near Ouarzazate but by far the highest count came from Merzouga where 500+ were seen.

Barn Swallow *Hirundo rustica*

Daily records throughout the tour in small numbers except for at Barrage El Mansoor Eddahbi near Ouarzazate where thousands were present following bad weather

Eurasian Crag Martin *Ptyonoprogne rupestris*

Six were seen at Tizi-n-Test, four were in Dades Gorge with ten in Todra Gorge, seven were in the mountains north of Er-Rachidia and ten were at Barrage El Mansoor Eddahbi near Ouarzazate.

(Common) House Martin *Delichon urbicum*

Recorded on six dates during the tour from places such as Oued Massa, Tagdilt Track, Todra Gorge, Hassan Addokhil near Er-Rachidia (30) and Erg Chebbi but once again the highest count came from Barrage El Mansoor Eddahbi near Ouarzazate where 100 were seen.

Red-rumped Swallow *Cecropis daurica*

Two were seen at a roadside stop on the way to Ouarzazate, one was near Tinejdad, four were found at Hassan Addokhil near Er-Rachidia and ten were amongst masses of hirundines at Barrage El Mansoor Eddahbi near Ouarzazate.

Cettia Bush Warblers & Allies Cettidae

Cetti's Warbler *Cettia cetti*

One was seen briefly at Oued Massa and another was heard singing at Todra Gorge.

Leaf Warblers & Allies Phylloscopidae

Common Chiffchaff *Phylloscopus collybita*

Recorded on at least nine dates on the tour from many locations but by far the largest numbers were seen at Barrage El Mansoor Eddahbi near Ouarzazate where at least 50 were present in the Tamarisk bushes.

NOTE: Most authorities split; including Clements have split the Chiffchaff complex into 4 full species. The nominate form which we recorded is known as Common Chiffchaff P. collybita.

Reed Warblers & Allies Acrocephalidae

Sedge Warbler *Acrocephalus schoenobaenus*

At least ten were found sheltering from the strong wind along the shore of Barrage El Mansoor Eddahbi near Ouarzazate.

Cisticolas & Allies Cisticolidae

Zitting Cisticola *Cisticola juncidis*

Two were seen at Oued Massa and one was seen the following day at Oued Souss.

(Streaked) Scrub Warbler *Scotocerca inquieta*

A male was quickly found west of Er-Rachidia and showed well to all.

Babblers Timaliidae

Fulvous Babbler (Chatterer) *Turdoides fulva*

11 of these gregarious birds were found west of Er-Rachidia, and another east of Tinejdad. This species is endemic to north-west Africa.

Sylviid Babblers Sylviidae

Eurasian Blackcap *Sylvia atricapilla*

Recorded on five dates (both males and females) during the tour from Ait Ourir on the way to Oukaimeden, near Oukaimeden, Oued Massa, Taliouine and Todra Gorge but no more than three seen in a day.



African Desert Warbler*Sylvia deserti*

A male was found at our usual site near Erg Chebbi, a recent split from Asian Desert Warbler.

Tristram's Warbler*Sylvia deserticola*

Four of these delightful warblers were seen in the Dades Gorge with another two in the Todra Gorge.

Spectacled Warbler*Sylvia conspicillata*

A pair showed very well west of Er-Rachidia and another was seen east of Tinejdad.

Sardinian Warbler*Sylvia melanocephala*

One was heard at Asni, at least three were seen at Oued Massa, one was at Oued Souss and two were seen at Todra Gorge.

Goldcrests & Kinglet's Regulidae**[Common] Firecrest***Regulus ignicapilla*

Two were seen at Oukaimeden on the two dates that we were in the area.

Wrens Troglodytidae**Winter Wren***Troglodytes troglodytes*

One seen well by everyone on the way up to and down from Oukaimeden, one was at the start of the Todra Gorge, and two were heard at Toufliht.

Treecreepers Certhiidae**Short-toed Treecreeper***Certhia brachydactyla*

One gave excellent views on the Tizi-n-Tichka Pass.

Starlings Sturnidae**Spotless Starling***Sturnus unicolor*

This species was seen on the first four days of the tour at Marrakech, Agadir, Oued Massa and again in Marrakech at the end of the tour with up to 30 noted daily.

Thrushes & Allies Turdidae**Ring Ouzel***Turdus torquatus*

About six were seen at Oukaimeden but more unusual was a male in Todra Gorge.

Common (Eurasian) Blackbird*Turdus merula*

A common species that was seen daily throughout the tour with up to 20 a day recorded.

Song Thrush*Turdus philomelos*

Two were seen whilst travelling over Tizi-n-Test and one was found at Oued Massa.

Mistle Thrush*Turdus viscivorus*

Up to six were seen on the two days that we were around Oukaimeden.

Chats, Old World Flycatchers Muscicapidae**European Robin***Erithacus rubecula*

One was seen on the way down from Oukaimeden and another was seen at Oued Massa. Others were heard at Taliouine and at Toufliht.

Black Redstart*Phoenicurus ochruros*

Recorded on seven dates during the tour usually one or two per day but six were seen in Todra Gorge. Other sites included Oukaimeden, the Tin Mal Mosque, Taliouine and near Ouarzazate.

Moussier's Redstart*Phoenicurus moussieri*

This beautiful north-west African endemic was seen on four dates with the first being recorded at Tin Mal Mosque. Others were seen at Oued Massa (at least four), Oued Souss, near Ouarzazate and west of Er-Rachidia (at least five).

European (Common) Stonechat*Saxicola rubicola*

At least six were seen at Oued Massa and five were seen on the 12th including a very obliging (and photogenic) pair at Taliouine. Single birds were seen on four other dates also.

Red-rumped Wheatear *Oenanthe moesta*

This is the common Wheatear of the Tagdilt Track and we saw 20+ here with ease. A male was seen there the following morning as we travelled through and others were recorded at the Zeida Plain and east of Tinejdad. The male of this species is stunning.

Northern Wheatear *Oenanthe oenanthe*

A male of the northern European race at the Tagdilt Track was rather surprisingly the only one of the trip.

Desert Wheatear *Oenanthe deserti*

The first two were an adult and a first winter male at the Tagdilt Track and these were followed by five in the Erg Chebbi area and a female of Tinejdad.

Mourning Wheatear *Oenanthe lugens*

After a bit of searching we eventually found the male of a well known pair at a site on the Tagdilt Track.

NOTE: Some authorities have recently split Mourning Wheatear into two species namely Mourning Wheatear, O. lugens of the Middle East and Maghreb Wheatear, O. halophila of North West Africa. We observed the latter species in Morocco however this split is not yet widely accepted and IOC and Clements do not accept it as yet.

White-crowned (White-tailed) Wheatear *Oenanthe leucopyga*

This is the common Wheatear of the lowland desert areas and we recorded the species on five dates with good numbers seen whilst travelling including 30 between Erfoud and Tinejdad and 20 in the Erg Chebbi / Merzouga area.

Black Wheatear *Oenanthe leucura*

Unlike the previous species this species favours a higher altitude and also a more rocky terrain. Small numbers were seen on six dates during the tour at Oukaïmeden, Asni, Dades Gorge (four) and between Midelt and Er-Rachidia.

Blue Rock-Thrush *Monticola solitarius*

Single birds were seen at Asni, near Tamri, Dades Gorge, south of Midelt, between Erfoud and Tinejdad whilst three were seen on the 12th between Taliouine and Boulmane du Dades.

Dippers Cinclidae

White-throated Dipper *Cinclus cinclus*

A pair was seen well along a mountain stream at Oukaïmeden.

Old World Sparrows Passeridae

House Sparrow *Passer domesticus*

A common species that was seen throughout the tour

Spanish Sparrow *Passer hispaniolensis*

Seven were seen at Oued Massa and another four were seen west of Er-Rachidia.

Desert Sparrow *Passer simplex*

After what seemed like an eternity we eventually found a cooperative female at Erg Chebbi.

Rock Sparrow (Petronia) *Petronia petronia*

At least 50 were in the Oukaïmeden area and some gave very good views. One was seen there the following day as we left the area.

Accentors Prunellidae

Alpine Accentor *Prunella collaris*

One of the principal targets at Oukaïmeden we were all very pleased to see one below the radio mast, albeit that it was only present briefly before flying down the hillside.

Wagtails & Pipits Motacillidae

[Western] Yellow Wagtail *Motacilla flava*



Three were seen at the rubbish dump on the Tagdilt Track, a male was found at Merzouga and 40 or more were present around the shores of Barrage El Mansoor Eddahbi near Ouarzazate. All were of the Spanish race *iberiae*.

Grey Wagtail*Motacilla cinerea*

Recorded on six dates during the tour at Ait Ourir (two), en route to Oukaimeden (three over two dates), Oued Massa, Todra Gorge and Tizi-n-Tichka.

White Wagtail*Motacilla alba*

This species was a very common bird during the tour with birds seen every day in double-figures with a peak count of 150 at Merzouga. Other high counts were 60 at Oued Souss (flying to roost), 50 at the Tagdilt Track and 50 at Barrage El Mansoor Eddahbi near Ouarzazate. We also found several of the sub-species *subpersonata*, two were found by the river at Ait Ourir on the way up to Oukaimeden and singles were seen at Hassan Addokhil near Er-Rachidia and at Barrage El Mansoor Eddahbi near Ouarzazate.

NOTE: Some authorities have recently split Moroccan Wagtail, M. subpersonata. IOC and Clements do not accept this split.

Meadow Pipit*Anthus pratensis*

Two were seen at Ait Ourir on the way to Oukaimeden, singles were heard calling at Oued Massa and Oued Souss and four were at the start of the Todra Gorge.

Tree Pipit*Anthus trivialis*

One was found at the rubbish tip on the Tagdilt Track and at least one was present at Barrage El Mansoor Eddahbi near Ouarzazate.

Finches Fringillidae**Common Chaffinch***Fringilla coelebs*

Ten were seen at Ait Ourir on the way to Oukaimeden and up to 20 were around the Oukaimeden area. Two were seen at Oued Massa and about ten were around Toufliht.

European Serin*Serinus serinus*

Recorded on six dates during the tour and often heard singing. Ten or more were seen at Oued Massa and six were in the Todra Gorge.

European Greenfinch*Carduelis chloris*

Up to two were seen close to Oukaimeden, four were seen at Oued Massa, a very photogenic male were seen at Taliouine and one was seen at Toufliht.

European Goldfinch*Carduelis carduelis*

Recorded on six dates during the tour with five between Marrakech and Ait Ourir, six at Oued Massa and two whilst travelling on the 12th. Three were seen in Todra Gorge, one flew over the Zeida Plain and one was heard east of Tinejdad.

Common (Eurasian) Linnet*Carduelis cannabina*

Recorded on six dates during the tour in small numbers but with ten at Oued Massa, 20 south of Midelt and five near Zibzate (south of Midelt).

[African] Crimson-winged Finch*Rhodopechys alienus*

Stunning views were obtained of c30 at Oukaimeden near the ski-lift on our first day in the area. They were feeding in company with Horned Larks and Rock Petronias

Trumpeter Finch*Bucanetes githaginea*

The first to be recorded were a party of ten that we found whilst travelling towards Ouarzazate. Then four were seen at the rubbish dump on the Tagdilt Track, c25 were seen west of Er-Rachidia, seven were found around Erg Chebbi and two were east of Tinejdad. An above average showing for this species.

Red Crossbill*Loxia curvirostra*

Four of these unusual finches were found in the Toufliht area.

Hawfinch*Coccothraustes coccothraustes*

One was found on our first day at Oukaimeden with three or four located the following morning. At least one provided very good views.



Buntings & Allies Emberizidae**Corn Bunting***Emberiza calandra*

One was heard singing at Oued Massa and three or more were found at Zibzate, south of Midelt.

Rock Bunting*Emberiza cia*

Two pairs were located in the Oukaïmeden area, three were seen in Dades Gorge and one was flushed from the road at Tizi-n-Tichka. In Dades Gorge we were able to compare them with House Buntings.

Cirl Bunting*Emberiza cirlus*

A pair was found on the way up to Oukaïmeden with the male being seen again the following day.

House Bunting*Emberiza sahari*

One or two were seen on eight dates during the trip but the pair that gave the most outstanding views were those that frequented the dining room of the hotel at Erfoud, true House Buntings!

Annotated List of Mammals Recorded

Nomenclature and taxonomy follows J. Kingdon *The Kingdon Field guide to African Mammals* (1997) Academic Press.

Total: 6 species**Hedgehogs Erinaceidae****Algerian Hedgehog***Atelerix algirus*

One, unfortunately dead, was found in a drain east of Tinejdad.

Ground Squirrels Rodentia**Barbary Ground-Squirrel***Alantocerus getulus*

This endearing rodent was recorded on five dates.

Gerbils Gerbillinae**North African Gerbil***Psammomys obesus*

Four were seen in the Tagdilt Track area and also around Erg Chebbi and between Erfoud and Ouarzazate.

Gundis Ctenodactylidae**Common Gundi***Ctenodactylus gundi*

Three of these Hyrax like mammals were seen in the Dades Gorge with four the following day in Todra Gorge.

Dogs & Allies Canidae**Red Fox***Vulpes vulpes*

One was seen very briefly at Oukaïmeden.

Pigs Suidae**Wild Boar***Sus scrofa*

One was seen in a cultivated area alongside Oued Massa.

Goats Caprinae

A number were seen climbing Argan Trees in the Souss River Valley!



Annotated List of Butterflies Recorded

Nomenclature and taxonomy follows T Tolman and R Lewington Collins Butterfly Guide-The most complete guide to the butterflies of Britain and Europe. Published by Collins.

Total: 6 species

Pieridae

Small White

Artogeia rapae

Recorded at Ait Ourir and Boumalne du Dades

Large White

Pieris brassicae

Recorded on six dates with a peak count of ten on the 17th, mainly in the Boulmane du Dades

Greenish Blacktip

Elphinstonia charlonia

Three of these delicate butterflies were seen east of Tinejdad.

Brimstone

Gonepteryx rhamni

One was seen at Toufliht.

Nympholidae

Painted Lady

Vanessa cardui

Recorded on three dates with a peak count of four at Boumalne du Dades

Desert Fritillary

Meitaea deserticola

Four were seen and photographed 43km west of Er-Rachidia.

Annotated List of Dragonflies Recorded

Nomenclature and taxonomy follows Klaas Douwe, B Dijkstra and R Lewington Field Guide to the Dragonflies of Britain and Europe.

True Dragonflies Anisoptera

Vagrant Emperor

Anax ephippiger

One was identified at Hassan Addokhil near Er-Rachidia but many other large dragonflies were seen even over the desert and they were most probably this species.

Annotated List of Moths Recorded

Nomenclature and taxonomy follows P Waring, Martin Townsend. Field Guide to the Moths of Britain and Ireland. Published by British Wildlife Publishing.

Hawkmoths Sphingidae

Hummingbird Hawkmoth

Macroglossum stellatorum

Singles were seen at Tin Mal Mosque, and in Dades Gorge and two were by the lunch stop in Boulmane du Dades.

Annotated List of other wildlife recorded

Green Toads Bufonidae

European Green Toad

Bufo viridis

At least four were found at Auberge Yasmina at Erg Chebbi. Rather strange seeing toads in the desert. Presumably the recent heavy rains enticed them out.

Turtles Geoemydidae

Stripe-necked Terrapin

Mauremys caspica

Six were seen at Oued Massa.



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