



Sunrise Birding LLC
MOROCCO
March 2023
TRIP REPORT



Photos: Bald Ibis, Maghreb Owl, Moussier's Redstart by Gina Nichol.
Group by local nomad.

Morocco - 2023

21st March – 31st March 2023

HIGHLIGHTS

Either for rarity value, excellent views or simply a group favourite.

- Northern Bald Ibis
- Pharaoh Eagle Owl
- Egyptian Nightjar
- Maghreb Owl
- Steppe Eagle
- Thick-billed Lark
- Red-rumped Wheatear
- Moussier's Redstart
- Maghreb Magpie
- Collared Pratincoles
- Great Spotted Cuckoo
- Barbary Falcon
- Maghreb Wheatear
- Hoopoe Lark
- Desert Sparrow
- Tristram's Warbler
- Black-crowned Tchagra
- Bonelli's Eagle
- African Blue Tit
- Red-billed Chough
- Yellow-billed Chough
- Maghreb Lark
- Isabelline Wheatear
- Atlas Wheatear
- Levaillant's Woodpecker
- Crowned Sandgrouse
- Cream-colored Courser
- Blue-cheeked Bee-eater
- Eurasian Hoopoe
- Crimson-winged Finch
- Fulvous Babbler
- African Desert Warbler
- Bar-tailed Lark
- Fat Sand Rat
- Cape Hare
- Vagrant Emperor

SUMMARY:

Morocco conjures up images of palm trees, desert and camels, and indeed we saw all of these. But there was a lot more to this amazing experience. The culture, the colours, the busy Souk, high scenic snow-capped mountains and a wealth of special and restricted birds and other wildlife. There were a couple of surprises on this tour including a Maghreb Owl found during the daytime by Gina, and then maybe the second ever record of a Steppe Eagle, spotted by Suzanne and independently identified by Steve and Christian who were with separate groups. The High Atlas Mountains never fail to impress and we enjoyed some excellent birds including our main target the African Crimson-winged Finch, plus our first proper Moroccan Tagine and some bartering for fossils. The dry stony desert produced the hoped for larks and the sandy desert of the Erb Chebbi found us a sleeping Egyptian Nightjar, Desert Sparrows and Blue-cheeked Bee-eaters among other delights. A little time off one day saw several people experience a camel ride into the desert, and a morning visit to a well, found groups of Spotted and Crowned Sandgrouse.

Day 1 Marrakesh - 21st March

Today was an arrival day for half the group, while others had already been in Morocco for a couple of days. So, starting in Marrakech we all met up at the hotel reception in the late afternoon for a short drive to the famous Moroccan Souk. Here we could walk around the thousands of stalls selling just about everything and giving a little insight into the culture of the country. Through tiny narrow streets we stopped to enjoy a wood carver and the high-quality things he was producing from a chisel and bow run by his feet. A nesting area for Little Swifts allowed us to see close House Buntings, Pallid Swifts, Common Kestrel and a Peregrine Falcon. And as we slowly returned through the bustling square, we saw a bunch of Little Swifts going in up under some roofs. We were now ready to begin our tour after breakfast the next morning.

Day 2 Oukaïmeden - 22nd Marrakesh

This morning after breakfast we boarded our comfortable bus with driver Mohammed and set off to the High Atlas Mountains and the ski resort of Oukaïmeden. Along the way on the outskirts of the city we started seeing

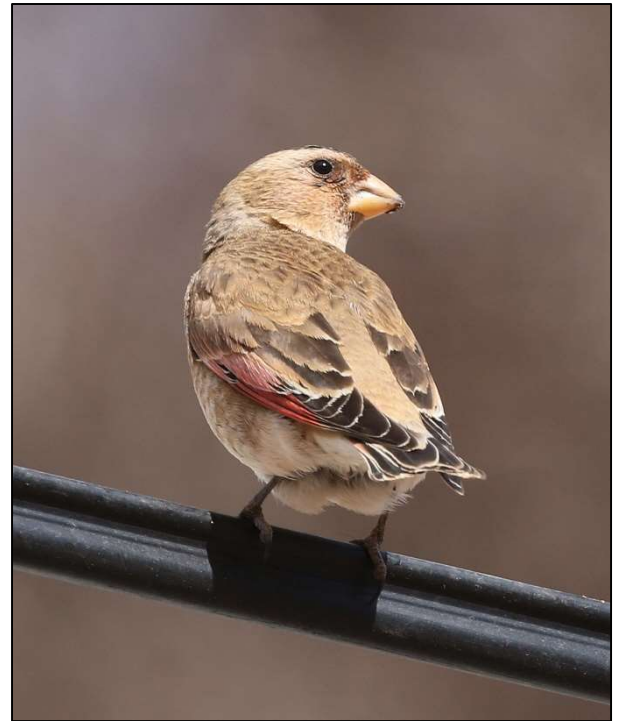
some of the commoner birds such as Maghreb Magpies, several White Storks nesting on poles and a flock of



Black Kites passing overhead. We continued our journey to the mountains making our first proper stop beside a small wooded valley. Here we soon heard the call of our target species the **Levaillant's Woodpecker**. While trying to find it, we spotted a female Blackcap, some African Blue Tits, Woodpigeon, Eurasian Blackbird and a nice close Short-toed Treecreeper. Then, suddenly the Levaillant's Woodpecker appeared in the tree right in front of us and was soon joined by a Great Spotted Woodpecker. This super bright green woodpecker can often be hard species to locate but we had excellent views before moving on. We eventually climbed our way up to the ski resort and the snow line. One of our main target species up here was the

African Crimson-winged Finch. As we prepared our strategy to find this

sought after bird, suddenly a flock of 34 birds flew in and started feeding right beside the café. Several posed nicely on some wires and we enjoyed superb close views as they fed alongside a couple of Rock Sparrows. All around us was a swirling flock of mostly Yellow-billed Choughs with a few Red-billed Chough mixed in among them. Both African Blue Tit and the African race of Chaffinch were easily seen before we jumped back in the bus and continued a short way to an overlook. Along this short drive we stopped for our first Barbary Ground Squirrel, plus a couple of nice looking Rock



Buntings, and Black Wheatears.



Up at the overlook we found a Mistle Thrush and among a huge flock of chough circling high in the sky were two Booted Eagles a light and a dark phase. Then a Short-toed Eagle drifted by the choughs before we got distracted by a **beautiful Moussier's Redstart**. Distant at first, we soon had fabulous close views of this handsome endemic bird. We then walked a short track where three more Moussier's Redstarts appeared and showed very well again. A couple of Black Redstarts were seen and were noted quivering their tails as they normally do. We then found quite a few more Barbary Ground Squirrels and some Atlas Day Geckos. It was now time for lunch at the nearby café where traditional tagines were all cooked and waiting for us. We enjoyed lunch and a little bartering over some fossils and gems while being seranaded by Yellow-billed Choughs.

Afterwards we slowly checked an area for wheatears and instead came up with a nice close group of Horned Larks. Back down the road, a look at a pond found 4 Eurasian Coots and then a little further on we looked down onto a small stream where a pair of Grey Wagtails showed nicely. From here, we went in pursuit of a White-throated Dipper that flew fast downstream. We soon caught up with it and enjoyed super views. Another dipper appeared and Blue Rock Thrushes posed for us on the boulders surrounding the stream. Finally, a few more Black Redstart and Black Wheatears and an aerial display by a flock of Red-billed Choughs and we headed back towards Marrakech to celebrate a great first full day.

Day 3 Marrakesh - Boulemane - 23rd March

After breakfast today we set off toward to Atlas Mountains and our journey south to the desert and Boulemane Dades. This was going to take all day, so a few strategic stops along the way helped to break the journey.

Our first stop along a track that led into a pine forest was soon enlivened by a Spur-thighed Tortoise. We then tracked down a singing Serin followed by a Bonelli's Warbler. A Plain Tiger butterfly flew past, and we found several more Serin, a Coal Tit and another two Bonelli's Warblers. A couple of pale morph Booted Eagles circled around and then some of us found a Moroccan Hairstreak butterfly.



Moving on Gina softly said, "There's an owl" and less than 20ft away was a Maghreb Owl sat beside a tree trunk trying not to be seen. It sat there for about a minute before it decided it did not like a group of people staring at it and so flew off into the trees. The Maghreb Owl is a recent split from Tawny Owl and is a Northwest African endemic found from Morocco to Tunisia and Mauritania. A hugely nocturnal species it is rarely encountered during the day time and most records are of birds heard and not seen. What a great and unexpected find! We moved further on and relocated the Owl as it was being harassed by a group of Chaffinches. The views were a bit more obscured but through the scopes it was great. We left the Owl alone and continued our walk finding a male Western Black-eared

Wheatear and then a male Cirl Bunting.

We then jumped into the bus and continued our long journey. As we wound our way through the scenic Atlas Mountains we eventually went over the top and made a quick stop to check for Seebohm's Wheatear. A couple of Yellow Wagtails were seen among the sheep and then Suzanne spotted a male Wheatear sat on top of a distant rock. We got good scope views of this endemic before it flew off and could not be relocated. Back on the bus again and we moved on and our next stop was at a roadside café/restaurant where we enjoyed a nice local lunch. Onward, our next stop was in an area of desert where there seemed to be nothing at all, but eventually a few birds gave themselves up and we enjoyed several Desert Larks, a Northern Wheatear, Woodchat Shrike, Thekla's Lark, and a male White-crowned Wheatear. Time to finish the last leg of our journey with a brief stop beside a male Common Redstart. We then arrived at Boulemane Dades in time to settle in and meet for our checklist and dinner.

Day 4 Tagdilt Track - Valley - Gorge - 24th March

After a wonderful buffet breakfast, we headed out to the nearby stony desert area known as the Valley of Birds, or Tagdilt Track. As we approached our first stop in this seemingly barren area, a Western Marsh Harrier was spotted, then as we got out, a male Montagu's Harrier flew along in the distance. We heard the call of Greater



Short-toed Larks and soon had a couple running in and out of the low scrub. Later more were seen and better views had.

Next a was a nice close Temminck's Horned Lark, followed by a male Desert Wheatear, and Barn Swallows flew past, as did Pallid Swift. Movement on the ground turned out not to be a bird but instead was a Fat Sand Rat. Once we got our eye in on these little rodents we soon found more. Several lizards were spotted and also some scorpions after lifting a couple of rocks.

Further searching found us House Bunting and some Thekla's Larks and then Christine put up a shout when she spotted our target species a pair of Thick-billed Larks. We had nice scope views as they slowly made their way along a ridge and finally disappeared. Vagrant Emperor Dragonflies were regularly seen flying back and forth and then we moved on to another area of the desert. Here we took a gravel track and came

across a group of elegant looking **Cream-coloured Coursers**. We got out and scoped them and in so doing soon found Northern Wheatears and another of our targets a male **Red-rumped Wheatear**. Desert Wheatears also showed well and then a surprise was an Isabelline Wheatear. While watching the wheatear a huge bright orange North African Spiny-tailed Lizard was spotted on top of a rock, what a creature!!



We then left and headed into town for a nice lunch. While here small flocks of European Bee-eaters, a couple of Red-rumped Swallows and at least one Lesser Kestrel was identified. After lunch, we drove to a nearby wooded valley and our first stop found us plenty of Serins, plus an Iberian Chiffchaff, a Tree Pipit, and then a male Sardinian Warbler. A group of European Bee-eaters perched in a dead tree and looked gorgeous. Further on a Eurasian Hoopoe was seen from the bus so we got out and got brief views of it flying and briefly landing on a cliff face. A Common Nightingale and Cetti's Warbler were heard singing but too far away and too deep in cover to see, continuing on we eventually drove a very scenic gorge where a cup of tea and a very showy **Tristram's Warbler** were order of the day. Further on, we saw Blue Rock Thrush, some African Blue Tits that posed for photos. And then, just as we were about to leave, a Bonelli's Eagle was spotted and eventually watched diving through the sky down onto the cliff face where it was almost impossible to see. Another great day!



Day 5 *Boulemane Dades - Merzouga - 25th March*

Today after breakfast we packed up the bus and headed out. Our first stop beside a rocky gorge had us looking for two specialties. It took a while and we saw Desert Lark, Long-legged Buzzards, Bee-eaters a couple of Sand Martins (Bank Swallow), and a distant Montagu's Harrier, before we walked along the valley bottom seeing Black Wheatears, Desert Wheatear and Northern Wheatears, plus a very showy Eurasian Hoopoe much appreciated by Charlotte. Then we got great looks at target No.1 a male **Maghreb Wheatear** which posed wonderfully for photos. As we made our way back, we needed to get a bit of height to aim our scopes into a high cave. There in the shadows was the head of a Pharoah Eagle Owl, our Target No. 2.

We then drove on and eventually checked an area of desert scrub where a couple of Trumpeter Finches were seen as well as Great Grey Shrike and Spectacled Warbler. A flowering Broom Rape was a nice distracting. We continued our journey arriving at Merzouga early evening.



Day 6 *Erb Chebbi - 26th March*

Today after breakfast we set off to a specific area of desert first seeing a few Brown-necked Ravens then upon arrival, we could see a line of 50 to 60 Spotted Sandgrouse. The birds soon took off and left behind a pair of



Crowned Sandgrouse which showed very nicely. We then moved our position a little where several more Crowned Sandgrouse were walking around.

Leaving this spot, we then drove to a small camp where we walked the garden seeing White-crowned Wheatear and then a Subalpine Warbler. A call then drew our attention to our target bird a male **Desert Sparrow** sat on the fence. We walked a vegetated wadi where a Maghreb's Lark showed well on top of a bush. Then we found Black-eared Wheatear and Richard spotted a very close and obliging Hoopoe Lark. We had fabulous views watching this amazing bird. Continuing on we made our way back to the vehicles seeing a Great Grey Shrike sat on a post.



From here we set off across the stoney desert and among the sand dunes to reach a small hotel beside a dried-up oasis where a Spanish man was banding migrant birds. We walked the nets with him and then watched as he processed an Eastern Olivaceous Warbler and a Subalpine Warbler. He explained what it was that he needed to take notes on in order that they can try and understand what the birds' needs are and what condition each bird is in. We enjoyed some local tea, before heading out to our next spot which was a Bedouin's house.



He then took us a short distance, among the sand dunes and scattered stony patches to an area where we could see a well camouflaged **Egyptian Nightjar** sat in the shade under a small bush. We got great scope views of this very cryptic bird. Walking back, we then found an African Desert Warbler which gave intermittent views as it came up onto small bushes, disappeared inside and then ran like a mouse to another bush. We took our picnic lunch at the Bedouins house before heading back to our hotel on the heat of the day.

Day 7 *Cliffs and desert Rissani - 27th March*



Today after breakfast, we set off to visit the sandgrouse area again. As we arrived two groups of sandgrouse flew off, and then when we got to the wet area where they come in, we could see the reason why. A Peregrine Falcon was perched on the ground. Maybe it had killed one, there was a group of about 20 sandgrouse still present and most were crowned with 3 Spotted among them.

From here we drove to Rissani and went on a walk for Scrub Warbler. We never found it. Great Grey and Woodchat Shrikes were noted, several wheatears and a Bar-tailed Lark showed well. Then on to a rocky area where fossils we seen in the rocks, and then as Gina was buying one, she spotted a Barbary Falcon flying right past us. From here we went to town for lunch. Afterwards we headed to an area of palm trees where we soon encountered a couple of gorgeous **Blue-cheeked Bee-eaters** and a small group of Fulvous Babblers.

Day 8 Travel to Ouarzazate - 28th March

Today was pretty much another travel day as we left the desert behind and headed for Ouarzazate, a stopover before the next day's birding. A stop at a fossil shop had a little birding in some local allotments where we found **Blue-cheeked Bee-eaters** and several Eastern Olivaceous Warblers. Laughing Doves were seen and Barn Swallows flew around.

Our journey through a valley and up over the Anti-Atlas Mountains had people spot White-crowned Wheatears regularly. We arrived at hotel ready for next day.



Day 9 Ouarzazate - Agadir - 29th March

After breakfast we set off to the nearby reservoir. It was pretty dry and we never actually found the lake. We walked a track through the arable fields seeing plenty of Willow Warblers, Subalpine Warblers, European and Blue-cheeked Bee-eaters, and about 50 White Storks in the fields. A flock of Glossy Ibis flew past and groups of Ruddy Shelduck and a pair of Shoveler's were seen in flight. A female Western Marsh Harrier flew low and then a Wryneck was spotted but soon disappeared.

On the small river we found 4 Ferruginous Ducks, and trees full of **Yellow Wagtails** were a delight. Zitting Cisticolas did as their name described and zitted up over the grasses. We noted Sedge Warbler, Common Whitethroat and some Corn Bunting in the area. A kettle of White Storks was joined by two Black Kites and then a flock of about 40 Collared Pratincoles were seen.

We studied the different variations in yellow wagtails and then sharp-eyed Suzanne spotted a raptor flying over. Steve was with her and a few others and got good scope views of it exclaiming it had to be a second year **Steppe Eagle**, we shouted to the other group who were about 100 yards away and later Cristian independently exclaimed Steppe Eagle verifying what we had thought. This may represent only the 2nd record for Morocco. Again, an amazing find!



We then headed back to the vehicles and set off on the long drive to Agadir. A stop among the endemic Aragon trees eventually found our target **Western Orphean Warbler**, we then we continued on to Agadir.

Day 10 Agadir - 30th March

After breakfast we made the drive to the Massa River. Our first stop beside a small bridge soon had us looking at Western Olivaceous Warblers, Willow Warblers, Blackcaps, and a Cirl Bunting. Above us a pair of Plain Martins were seen well, and then we scoped Turtle Dove and an immature Black-crowned Night Heron. Overhead flew another 6 Night Herons and we got good looks at Sardinian Warbler.



We walked around into an area of scrub and it wasn't long before we got super looks at a **Black-crowned Tchagra**. Moussier's Redstart was also seen and a Cetti's Warbler showed. We then made our way towards the Souss-Massa National Park where we stopped briefly for a Little Owl sat on a stone wall. We made our way out into very barren stony coastal plains and found 4 nice Cream-coloured Coursers.

We kept going and eventually there was our quarry, three **Northern Bald Ibis**, walking among the ground with some sheep. As we watched the strange looking, critically endangered birds, several more flew past. A singing Mediterranean Short-toed Lark landed appeared and stayed

long enough so we could all see it perched and go through some of its features.

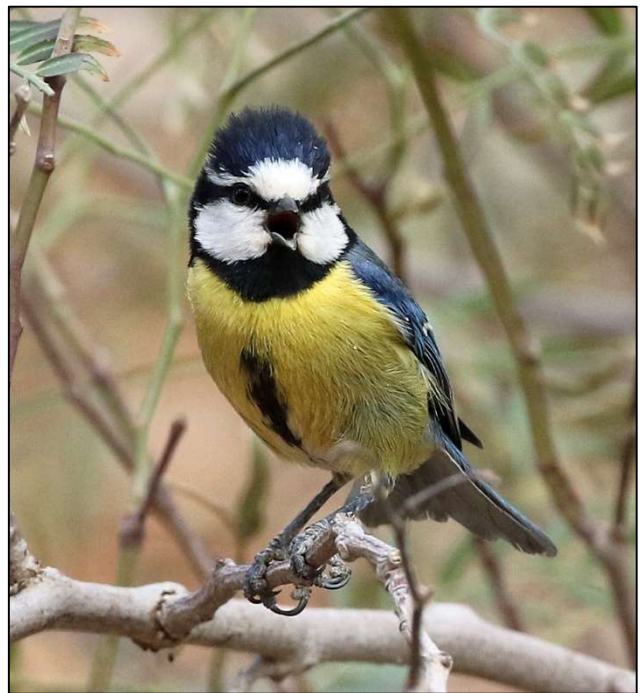
We had lunch beside the coast overlooking an area of both rocky and sandy beach. Out at sea, we spotted two Razorbills and several Northern Gannets flying past, Sandwich Terns were also seen and the occasional Audouin's Gulls flew past. Down on the beach we had a Whimbrel, Sanderling, Ruddy Turnstone. As we enjoyed our lunch, a Common Nightingale landed beside us.

After lunch we headed back towards Agadir and then on to an area where we could view the Sous Estuary. Along the track we saw Whinchats, Woodchat Shrike, Sardinian Warblers, and a pair of Stone Curlew. Then Sandy spotted a different bird, it was a fabulous Great Spotted Cuckoo that flew into a dead tree and posed nicely for us. A Green Sandpiper flushed out of a ditch and then a



flock of Collared Pratincoles flew overhead calling. We walked to the estuary edge and scanned. We soon found several Greater Flamingos, three Eurasian Spoonbills, Curlew, Redshank, Greenshank, Common Ringed Plovers, Grey (Black-bellied) Plover, Dunlin, and Bar-tailed Godwit. Other birds included Oystercatcher, Black-winged Stilt and Pied Avocet, Great Cormorant, and among the flock of Gull-billed Terns were good numbers of Mediterranean Gulls, and some Black-headed Gulls, for comparison. Further searching revealed Little Stints and Curlew Sandpipers, and the Pratincole flock were perched and easily viewed in the scopes. One last spot and we scoped a fine adult Slender-billed Gull and heard a Barbary Partridge.

We celebrated with our final meal and headed back to Marrakesh the next day. Thank you to everyone on this tour. Steve & Gina





BIRDLIST FOR MOROCCO 2023

A = Number of species recorded on tour

B = Number of days out of 10 recorded C = Highest daily count

H = Heard Only N/C = No Count C=Common

This list is in line with IOC WORLD BIRD LIST v (13.2) and as such names may be different from some of the other field guides and taxonomies.

A	SPECIES	SCIENTIFIC NAME	B	C
1	Little Grebe	<i>Tachybaptus ruficollis ruficollis</i>	1	1
2	Northern Gannet	<i>Morus bassanus</i>	1	5
3	Great Cormorant	<i>Phalacrocorax carbo maroccanus</i>	2	5
4	Grey Heron	<i>Ardea cinerea cinerea</i>	2	6
5	Little Egret	<i>Egretta garzetta</i>	1	4
6	Western Cattle Egret	<i>Bubulcus ibis</i>	4	20
7	Black-crowned Night Heron	<i>Nycticorax nycticorax nycticorax</i>	1	7
8	White Stork	<i>Ciconia ciconia ciconia</i>	8	50
9	Northern Bald Ibis	<i>Geronticus eremita</i>	1	9
10	Glossy Ibis	<i>Plegadis falcinellus</i>	1	30
11	Eurasian Spoonbill	<i>Platalea leucorodia</i>	1	3
12	Greater Flamingo	<i>Phoenicopterus ruber</i>	1	6
13	Eurasian Stone-curlew	<i>Burhinus oedicnemus saharae</i>	1	2
14	Ruddy Shelduck	<i>Tadorna ferruginea</i>	2	100
15	Mallard	<i>Anas platyrhynchos platyrhynchos</i>	4	2
16	Ferruginous Duck	<i>Aythya nyroca</i>	4	1
17	Northern Shoveler	<i>Anas clypeata</i>	2	1
18	Osprey	<i>Pandion heliaetus heliaetus</i>	1	2
19	Black Kite	<i>Milvus migrans migrans</i>	3	8
20	Short-toed Snake Eagle	<i>Circaetus gallicus</i>	1	1

21	Western Marsh Harrier	<i>Circus aeruginosus harterti</i>	3	1
22	Montagu's Harrier	<i>Circus pygargus</i>	2	1
23	Eurasian Sparrowhawk	<i>Accipiter nisus punicus</i>	1	1
24	Long-legged Buzzard	<i>Buteo rufinus cirtensis</i>	3	2
25	Steppe Eagle	<i>Aquila nipalensis</i>	1	1
26	Bonelli's Eagle	<i>Hieraaetus fasciatus fasciatus</i>	1	1
27	Booted Eagle	<i>Hieraaetus pennatus</i>	3	2
28	Lesser Kestrel	<i>Falco naumanni</i>	1	1
29	Common Kestrel	<i>Falco tinnunculus tinnunculus</i>	9	2
30	Barbary Falcon	<i>Falco peregrinus pelegrinoides</i>	1	1
31	Peregrine Falcon	<i>Falco peregrinus brookei</i>	2	1
32	Barbary Partridge	<i>Alectoris barbara spatzi</i>	1	H
33	Common Moorhen	<i>Gallinula chloropus chloropus</i>	2	2
34	Eurasian Coot	<i>Fulica atra atra</i>	2	4
35	Eurasian Oystercatcher	<i>Haematopus ostralegus ostralegus</i>	1	20
36	Black-winged Stilt	<i>Himantopus himantopus</i>	1	12
37	Pied Avocet	<i>Recurvirostra avosetta</i>	1	12
38	Cream-colored Courser	<i>Cursorius cursor</i>	3	14
39	Collared Pratincole	<i>Glareola pratincola pratincola</i>	2	40
40	Black-bellied Plover	<i>Pluvialis squatarola squatarola</i>	1	10
41	Common Ringed Plover	<i>Charadrius hiaticula</i>	1	50
42	Little Ringed Plover	<i>Charadrius dubius curonicus</i>	2	2
43	Bar-tailed Godwit	<i>Limosa lapponica lapponica</i>	1	6
44	Whimbrel	<i>Numenius phaeopus phaeopus</i>	1	2
45	Eurasian Curlew	<i>Numenius arquata arquata</i>	1	1
46	Common Redshank	<i>Tringa totanus robusta</i>	1	10
47	Common Greenshank	<i>Tringa nebularia</i>	1	3
48	Green Sandpiper	<i>Tringa ochropus</i>	2	1
49	Common Sandpiper	<i>Actitis hypoleucos</i>	1	1
50	Ruddy Turnstone	<i>Arenaria interpres interpres</i>	1	3
51	Sanderling	<i>Calidris alba alba</i>	1	20
52	Little Stint	<i>Calidris minuta</i>	1	2
53	Curlew Sandpiper	<i>Calidris ferruginea</i>	1	2
54	Dunlin	<i>Calidris alpina schinzii</i>	1	30
55	Ruff	<i>Philomachus pugnax</i>	1	1
56	Common Snipe	<i>Gallinago gallinago gallinago</i>	1	1
57	Audouin's Gull	<i>Ichthyaetus audouinii</i>	1	6
58	Yellow-legged Gull	<i>Larus michahellis</i>	2	150
59	Lesser Black-backed Gull	<i>Larus fuscus graellsii</i>	1	65
60	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	1	8
61	Slender-billed Gull	<i>Chroicocephalus genei</i>	1	1
62	Mediterranean Gull	<i>Ichthyaetus melanocephalus</i>	1	25
63	Gull-billed Tern	<i>Gelochelidon nilotica nilotica</i>	1	60
64	Sandwich Tern	<i>Thalasseus sandvicensis</i>	1	10
65	Common Tern	<i>Sterna hirundo hirundo</i>	1	1
66	Razorbill	<i>Alca torda</i>	1	2
67	Spotted Sandgrouse	<i>Pterocles senegallus</i>	2	60
68	Crowned Sandgrouse	<i>Pterocles coronatus</i>	3	20
69	Rock Dove/Feral Pigeon	<i>Columba livia domestica</i>	10	N/C

70	Common Woodpigeon	<i>Columba palumbus palumbus</i>	5	10
71	European Turtle Dove	<i>Streptopelia turtur turtur</i>	1	2
72	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	10	20+
73	Laughing Dove	<i>Streptopelia senegalensis phoenicophila</i>	6	2
74	Pharaoh Eagle Owl	<i>Bubo ascalaphus</i>	2	1
75	Maghreb Owl	<i>Strix mauritanica</i>	1	1
76	Little Owl	<i>Athene noctua saharae</i>	1	2
77	Egyptian Nightjar	<i>Caprimulgus aegyptius saharae</i>	1	1
78	Pallid Swift	<i>Apus pallidus</i>	6	50+
79	Little Swift	<i>Apus affinis</i>	4	10
80	Great Spotted Cuckoo	<i>Clamator glandarius</i>	1	2
81	Blue-cheeked Bee-eater	<i>Merops persicus chrysocercus</i>	2	8
82	European Bee-eater	<i>Merops apiaster</i>	6	10
83	Eurasian Hoopoe	<i>Upupa epops</i>	4	3
84	Wryneck	<i>Jynx torquilla</i>	1	1
85	Great Spotted Woodpecker	<i>Dendrocopos major mauritanus</i>	1	1
86	Levaillant's Woodpecker	<i>Picus vaillantii</i>	1	1
87	Bar-tailed Lark	<i>Ammomanes cincturus arenicolor</i>	1	1
88	Desert Lark	<i>Ammomanes deserti payni</i>	4	3
89	Greater Hoopoe Lark	<i>Alaemon alaudipes alaudipes</i>	4	3
90	Thick-billed Lark	<i>Ramphocoris clotbey</i>	1	2
91	Greater Short-toed Lark	<i>Calandrella cinerea rubiginosa</i>	3	30
92	Mediterranean Short-toed Lark	<i>Alaudala rufescens minor</i>	1	1
93	Maghreb Lark	<i>Galerida macrorhyncha randonii</i>	4	3
94	Thekla's Lark	<i>Galerida theklae aguirrei</i>	5	3
95	Horned Lark	<i>Eremophila alpestris atlas</i>	1	16
96	Temminck's Lark	<i>Eremophila bilopha</i>	1	1
97	Sand Martin	<i>Riparia riparia riparia</i>	2	2
98	Brown-throated Martin	<i>Riparia paludicola mauritanica</i>	1	2
99	Barn Swallow	<i>Hirundo rustica rustica</i>	8	10
100	Red-rumped Swallow	<i>Hirundo daurica rufula</i>	2	4
101	Common House Martin	<i>Delichon urbica</i>	3	4
102	White Wagtail	<i>Motacilla alba</i>	1	1
103	Western Yellow Wagtail (Blue-headed)	<i>Motacilla flava flava</i>	2	80
104	Western Yellow Wagtail (Ashy-headed)	<i>Motacilla flava cinereocapilla</i>	1	2
105	Western Yellow Wagtail (Yellow-crowned)	<i>Motacilla flava flavissima</i>	1	1
106	Grey Wagtail	<i>Motacilla cinerea</i>	1	2
107	Tree Pipit	<i>Anthus trivialis</i>	1	1
108	Common Bulbul	<i>Pycnonotus barbatus barbatus</i>	10	C
109	Eurasian Wren	<i>Troglodytes troglodytes kabyloorum</i>	1	1
110	Blue Rock Thrush	<i>Monticola solitarius</i>	3	6
111	Eurasian Blackbird	<i>Turdus merula mauretanicus</i>	10	5
112	Mistle Thrush	<i>Turdus viscivorus deichleri</i>	1	1
113	Zitting Cisticola	<i>Cisticola juncidis</i>	2	4
114	Cetti's Warbler	<i>Cettia cetti cetti</i>	3h	1
115	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	1	1
116	Common/African Reed Warbler	<i>Phylloscopus scirpaceus/baeticatus</i>	1	2
117	Eastern Olivaceous Warbler	<i>Iduna pallida reiseri</i>	3	3
118	Western Olivaceous Warbler	<i>Iduna opaca</i>	1	4

119	Willow Warbler	<i>Phylloscopus trochilus</i>	2	8
120	Iberian Chiffchaff	<i>Phylloscopus ibericus</i>	1	1
121	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	2	2
122	Eurasian Blackcap	<i>Sylvia atricapilla</i>	5	3
123	Common Whitethroat	<i>Sylvia communis communis</i>	2	1
124	African Desert Warbler	<i>Sylvia deserti</i>	1	1
125	Western Orphean Warbler	<i>Sylvia hortensis hortensis</i>	1	2
126	Eastern Subalpine Warbler	<i>Curruca cantillans cantillans</i>	3	3
127	Sardinian Warbler	<i>Sylvia melanocephala</i>	2	10
128	Spectacled Warbler	<i>Sylvia conspicillata</i>	1	1
129	Tristram's Warbler	<i>Curruca deserticola maroccana</i>	1	1
130	Common Nightingale	<i>Luscinia megarhynchos</i>	1	1
131	Black Redstart	<i>Phoenicurus ochruros gibralteriensis</i>	1	2
132	Common Redstart	<i>Phoenicurus phoenicurus</i>	5	1
133	Moussier's Redstart	<i>Phoenicurus moussieri</i>	2	4
134	European Stonechat	<i>Saxicola torquata</i>	1	2
135	White-crowned Wheatear	<i>Oenanthe leucopyga leucopyga</i>	6	4
136	Black Wheatear	<i>Oenanthe leucura riggenbachi</i>	5	6
137	Northern Wheatear	<i>Oenanthe oenanthe</i>	7	6
138	Atlas Wheatear	<i>Oenanthe seebohmi</i>	1	1
139	Maghreb Wheatear	<i>Oenanthe halophila</i>	1	1
140	Red-rumped Wheatear	<i>Oenanthe moesta</i>	1	1
141	Western Black-eared Wheatear	<i>Oenanthe hispanica</i>	4	3
142	Desert Wheatear	<i>Oenanthe deserti homochroa</i>	2	4
143	White-throated Dipper	<i>Cinclus cinclus</i>	1	4
144	Fulvous Babbler	<i>Turdoides fulvus moroccanus</i>	1	8
145	Coal Tit	<i>Periparus ater atlas</i>	1	1
146	Great Tit	<i>Parus major excelsus</i>	1	1
147	African Blue Tit	<i>Cyanistes teneriffae ultramarinus</i>	2	3
148	Short-toed Treecreeper	<i>Certhia brachydactyla mauretunica</i>	1	1
149	Black-crowned Tchagra	<i>Tchagra senegalus cucullatus</i>	1	1
150	Great Grey Shrike	<i>Lanius excubitor algeriensis</i>	2	2
151	Great Grey Shrike	<i>Lanius excubitor elegans</i>	3	2
152	Woodchat Shrike	<i>Lanius senator</i>	4	4
153	Maghreb Magpie	<i>Pica mauritanica</i>	5	10
154	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax barbarus</i>	2	100
155	Yellow-billed Chough	<i>Pyrrhocorax graculus graculus</i>	1	50
156	Brown-necked Raven	<i>Corvus ruficollis</i>	3	10
157	Common Raven	<i>Corvus corax tingitanus</i>	1	1
158	Spotless Starling	<i>Sturnus unicolor</i>	5	8
159	House Sparrow	<i>Passer domesticus tingitanus</i>	10	10
160	Spanish Sparrow	<i>Passer hispaniolensis</i>	1	1
161	Desert Sparrow	<i>Passer simplex saharae</i>	1	2
162	Rock Sparrow	<i>Petronia petronia barbara</i>	2	4
163	Chaffinch	<i>Fringilla coelebs africana</i>	3	4
164	European Greenfinch	<i>Carduelis chloris</i>	1	1
165	European Goldfinch	<i>Carduelis carduelis</i>	1	1
166	Common Linnet	<i>Carduelis cannabina mediterranea</i>	1	3
167	European Serin	<i>Serinus serinus</i>	3	6

168	African Crimson-winged Finch	<i>Rhodopechys alienus</i>	1	34
169	Trumpeter Finch	<i>Bucanetes githagineus zedlitzi</i>	1	3
170	Cirl Bunting	<i>Emberiza cirrus</i>	2	1
171	House Bunting	<i>Emberiza sahari</i>	8	4
172	Corn Bunting	<i>Emberiza calandra</i>	1	3
173	Rock Bunting	<i>Emberiza cia</i>	2	4

A	OTHER SPECIES	SCIENTIFIC NAME	B	C
1	Clouded Yellow	<i>Colias croceus</i>	3	3
2	Small White	<i>Pieris rapae</i>	5	6
3	Painted Lady	<i>Vanessa cardui</i>	2	1
4	Scarce Swallowtail	<i>Iphiclides podalirius</i>	1	1
5	Moroccan Hairstreak	<i>Tomares mauretanicus</i>	1	1
6	Plain Tiger	<i>Danaus chrysippus</i>	2	1
7	African Migrant	<i>Catopsilia florella</i>	4	6
8	Migratory Locust	<i>Locusta migratoria</i>	2	1
9	Striped Hawk Moth	<i>Hyles livornica</i>	6	5
10	Cape Hare	<i>Lepus capensis</i>	1	1
11	Fat Sand Rat	<i>Psammomys obesus</i>	1	3
12	Barbary Ground Squirrel	<i>Atlantoxerus getulus</i>	2	8
13	Spur-thighed Tortoise	<i>Testudo graeca</i>	1	1
14	Bibron's Agama	<i>Agama impalearis</i>	1	1
15	North African Spiny-tailed Lizard	<i>Uromastyx acanthinura</i>	3	4
16	Olivier's Sand Lizard	<i>Mesalina olivieri</i>	2	4
17	Atlas Day Gecko	<i>Quedenfeldtia trachyblepharus</i>	1	3
18	Mediterranean Turtle	<i>Mauremys leprosa</i>	1	1
19	Vagrant Emperor	<i>Anax ephippiger</i>	6	20
20	Red-veined Darter	<i>Sympetrum fonscolombii</i>	1	2
21	Common Yellow Scorpion	<i>Buthus occitanus</i>	1	2
22	Tricolor Daisy	<i>Glebionis carinata</i>	1	C
23	Atlas Cedar	<i>Cedrus atlantica</i>	2	C
24	Argon Tree	<i>Argania spinosa</i>	2	C

