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Kazakhstan Nature Trip Report 2009

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Kazakhstan Nature Trip Report

(Species: 288 birds, 15 mammals, 13 reptiles, 1 amphibian, 4 invertebrates)











Mangghystau Province (March 23rd to June 2nd 2009)

Almaty Province (May 30th & June 3rd to 5th 2009)

March 2010

NARC -EAD: National Avian Research Center - Environment Agency of Abu Dhabi



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Introduction

Between March 23rd and June 2nd 2009 we went to the Mangghystau Province in west Kazakhstan, in the framework of ecological research and conservation programmes of the Macqueen's Bustard (*Chlamydotis macqueeenii*), coordinated by the National Avian Research Center (NARC). This mission gave us the opportunity to observe an important diversity of birds. Because European ornithologists usually favour the south-east mountainous provinces characterized by both European and Asian bird species (migrant or sedentary), the Mangghystau Province is one the least visited. Consequently, some of our observations concern bird species for which few mentions exist for the Mangghystau Province or for which the last observation dates several decades ago. Some observations are even the first recorded ones for this province (e.g. Lammergeier).

As we were based in Fetisovo, most of our observations took place on the Caspian Sea shore (near Fetisovo and Kendirli) and on the Fetisovo Plateau, mainly characterized by an *Artemisia sp.* steppe but also by vast depressions such as the Vpadina Kaundy. As detailed in the "Itinerary" section, several days were devoted to the Bozashchy Peninsula (North of Mangghystau Province) also characterized by *Artemisia sp.* steppe, to an area lining the Ustjurt Nature Reserve on its West part, and to some places of the Almaty Province. Places we visited were mapped using satellite photographs (copyright: GoogleEarth 2009) and our itinerary is detailed below.

Our team comprised 10 to 15 observers (10 from March 23rd to April 21st and 15 from May 13th to 29th) with 2 observers per vehicle (4x4 Toyota).

In this document, each species is associated to 2 numbers in brackets. The first one informs about the species status using the following code:

- 5 breeding
- 4 likely breeding
- 3 migrant
- 2 wintering
- 1 unknown

The second number gives the total number of observations recorded for the species during the mission.

Itinerary¹

- March 23rd, arrival at Kendirli camp
- March 23rd to June 1st at Kendirli camp and working mainly at Fetisovo Plateau
- May 5th to 8th at Bozashchy Peninsula (6 observers)
- May 8th to 11th at Bozashchy Peninsula (8 observers)
- 25th & 26th May at the West border of the Ustjurt Nature Reserve
- 29th May, 2 observers left Kendirli camp to Aktau and then Almaty
- 30th May, Almaty Province (Almaty & Almaty Lake)
- June 1st at Aktau

- June 2nd, Aktau and departure to Almaty

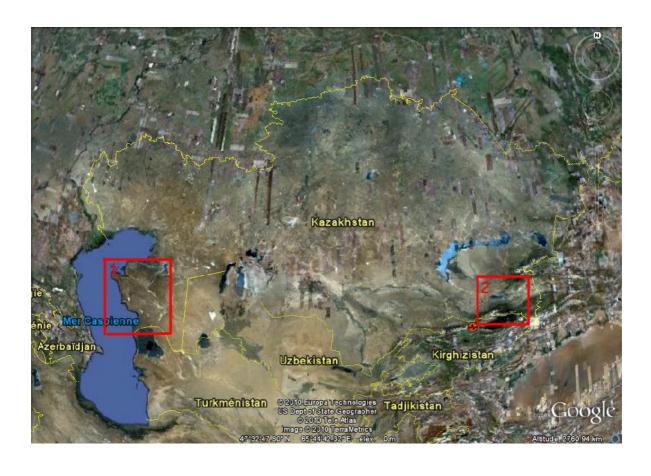
- June 3rd, Sogety Mountains, Dolina Zamkov (Sharyn National Park) and Saty (Kolsai National Park)
- June 4th & 5th in the Kolsai National Park (Kolsai Lakes & Kaïndy Lake)
- June 5th, back to Almaty.

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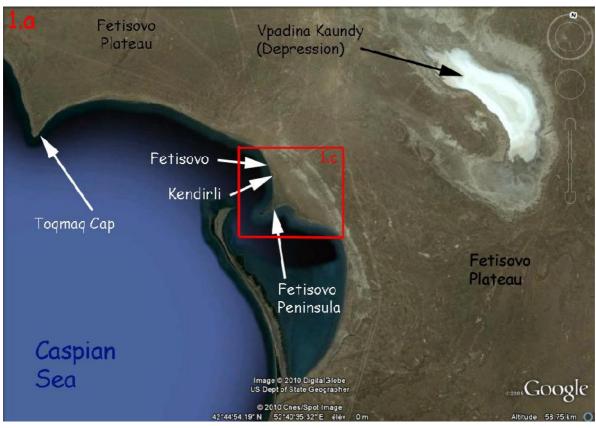
¹ Bozashchy is equivalent to Buzachi and Bozaschi, Ustjurt to Ustyurt and Ust-urt, Aktau to Aqtau, Dolina Zamkov to Charyn Canyon, Sharyn National Park to Charyn National Park, Saty to Satö, Kolsai to Kulsai, and Mangghystau to Mangistau.

Field Guides & other books used

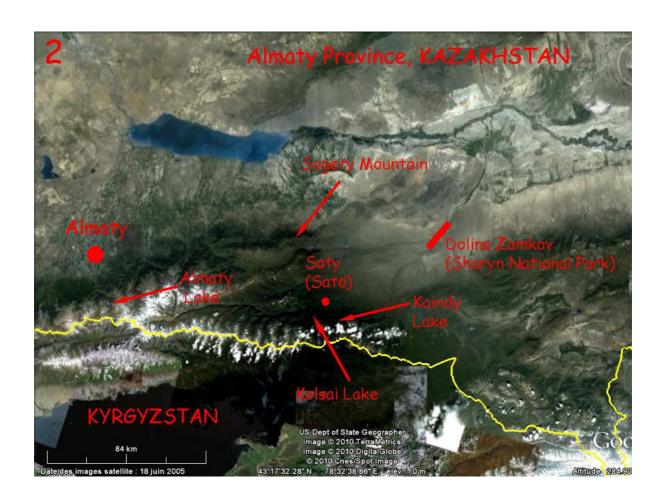
- The Birds of Kazakhstan by A. Wassink & G.J. Oreel
- Le Guide Ornitho : les 848 espèces d'Europe en 4000 dessins by L. Svensson & P.J. Grant
- Birds of the Middle East (Helm Field Guides) by R.F. Porter, S. Christensen, & P. Schiermacker-Hansen
- Birds of the Indian Subcontinent by R. Grimmett, C. Inskipp & T. Inskipp
- Birds of the Palearctic: Passerines (Collins Field Guide) by N. Arlott
- Guide des limicoles : d'Europe, d'Asie et d'Amérique du Nord by D.W. Taylor
- Guide des rapaces diurnes : Europe, Afrique du Nord et Moyen-Orient by B. Génsbøl
- Gulls of Europe, Asia and North America by Klaus Malling Olsen and Hans Larsson
- Les Oiseaux d'Europe by L. Jonsson
- Pipits & Wagtails of Europe, Asia and North America by Per Alström and Krister Mild
- Sylvia Warblers by Hadoram Shirihai, Gabriel Gargallo and Andreas J. Helbig
- The Reptiles of the Western Palearctic by Roberto Sindaco & Valery K. Jeremcenko















Birds' synthesis

Mangghystau Province Trip, from the 23rd March to the 2nd June 2009

Mute Swan Cygnus olor (3) (7)

Seven observations between 29/3 and 23/5 at Fetisovo Peninsula with a maximum of 7 birds observed on 3/5.

Whooper Swan Cygnus cygnus (3) (3)

20/5: 1 adult at the Fetisovo Peninsula. 21/5: 1 adult at the Fetisovo Peninsula. 27/5: 1 adult at the Fetisovo Peninsula.

Greylag Goose Anser anser (3) (4)

A few birds have been observed at the Fetisovo Peninsula between 28/3 and 8/4. One bird observed at Zhangaözen Lagoon Water Station on 31/3.

Common Shelduck Tadorna tadorna (1) (25)

Common but not very numerous at the Fetisovo Peninsula and at Zhangaözen Lagoon Water Station especially between 24/3 and 8/4. Maximum of 20 birds on May 1st at Fetisovo Peninsula.

Ruddy Shelduck Tadorna ferruginea (1) (18)

Fairly common but not very numerous at the Fetisovo Peninsula and at Zhangaözen Lagoon Water Station.

Red-crested Pochard Netta rufina (3) (9)

24/3: a flock at the Fetisovo Peninsula.

31/3: a flock at Zhangaözen Lagoon Water Station.

1/4: a flock at the Fetisovo Peninsula.

8/4: a flock at the Fetisovo Peninsula.

28/4: 300 birds at Zhangaözen Lagoon Water Station, including breeding pairs (10 chicks at least)

5/5: a flock at the Fetisovo Peninsula.

Common Goldeneye Bucephala clangula (3) (4)

24/3: a few birds at the Fetisovo Peninsula.

26/3: 90 birds at the Fetisovo Peninsula.

6/4: 3 birds at the Fetisovo Peninsula.

8/4: a few birds at the Fetisovo Peninsula.

Mallard Anas platyrhynchos (4) (23)

Common but not very numerous at the Fetisovo Peninsula and at Zhangaözen Lagoon Water Station especially between the 24/3 and the 8/4. Last sighting: one pair at Fetisovo Peninsula on the 19th May.

Northern Pintail Anas acuta (3) (19)

Common species at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station especially between 24/3 and 5/5. Only 1 observation (22/5) between 6/5 and 29/5.

Gadwall Anas strepera (3) (12)

Fairly common species at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station especially between 24/3 and 8/4. Just a few observations have been noticed until 27/5.

Northern Shoveler Anas clypeata (3) (22)

Common species at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station especially between 24/3 and 8/4. Observations decreased after 8/4 even if more than 500 birds have been recorded on 28/4 at Zhangaözen Lagoon Water Station.

Eurasian Wigeon Anas penelope (3) (21)

Common species but not very numerous at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station especially between 24/3 and 28/4. Only 2 observations have been recorded (19/5 and 21/5) between 28/4 and 29/5.

Common Teal Anas crecca (3) (17)

Common at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station especially between 24/3 and 6/4. Then after this date, only 5 observations recorded: 14/4, 28/4, 1/5, 3/5 and 4/5.

Garganey Anas querquedula (3) (26)

Common species at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station especially between 24/3 and 8/4 and 23/4 and 27/5. One breeding male has been observed several days around 7/5 at Kendirli Water Station.



Garganey male on May 7th at Kendirli Water Station (photo: Christophe Gouraud).

Common Pochard Aythya ferina (3) (5)

Six observations at the Fetisovo Peninsula and Zhangaözen Lagoon Water Station between 24/3 and 5/5. Maximum of 20 birds at Zhangaözen Lagoon Water Station on 28/4.

Ferruginous Duck Aythya nyroca (3) (3)

31/3: 1 male non-breeding at Zhangaözen Lagoon Water Station.

28/4: 2 males non-breeding at Zhangaözen Lagoon Water Station.

22/5: 1 male non-breeding at Zhangaözen Lagoon Water Station.

Tufted Duck Aythya fuligula (3) (5)

31/3: 1 at the Fetisovo Peninsula.

14/4: 1 at the Fetisovo Peninsula.

28/4: 2 non-breeding birds, 1 male and 1 female, at Zhangaözen Lagoon Water Station.

5/5: 1 at the Fetisovo Peninsula.

22/5: one record at Fetisovo Peninsula

White-winged Scoter Melanitta fuscus (3) (3)

24/3: 10 to 20 birds above the Caspian Sea near Kendirli.

25/3: 10 to 20 birds above the Caspian Sea near Kendirli.

8/4: 5 birds above the Caspian Sea near Kendirli.

White-headed Duck Oxyura leucocephala (4) (5)

31/3: 30 at Zhangaözen Lagoon Water Station.

28/4: 14 at Zhangaözen Lagoon Water Station. 13 males and 1 female.

5/5: several birds observed at Zhangaözen Lagoon Water Station.

6/5: 7 at Zhangaözen Lagoon Water Station. 6 males and 1 female.

22/5: 32 (23 males and 9 females) at Zhangaözen Lagoon Water Station which is an exhaustive census this day.

All these observations includ displaying males.

Red-breasted Merganser Mergus serrator (3) (12)

Flocks mainly observed at the Fetisovo Peninsula and Toqmaq Cap between 24/3 and 31/3. Only 6 observations recorded between 1/4 and 24/5 with a maximum of 43 birds on 24/5 at Toqmaq Cap.

Chukar Alectoris chukar (4) (8)

Seven observations in the cliffs of the Caspian Sea between Toqmaq Cap and Fetisovo between 26/3 and 24/5. One observation on 11/5 in the steppe close to Shetpe.

Chukar on May 21th in the cliffs of the Caspian Sea between Toqmaq Cap and Fetisovo (photo: Christophe Gouraud).



Common Quail Coturnix coturnix (3) (1)

13/5: 1 in the steppe of Fetisovo Plateau.

Arctic Loon Gavia arctica (3) (2)

21/5: 1 at the Fetisovo Peninsula. 24/5: max 66 at Toqmaq Cap.

Little Grebe Tachybaptus ruficollis (3) (1)

28/4: 2 at Zhangaözen Lagoon Water Station.

Great Crested Grebe Podiceps cristatus (3) (32)

Common on the Caspian Sea near Kendirli. Observed between 23/3 and 24/5. Most of the observations are between 23/3 and 25/4 with for example 50 birds observed 24/4.

Horned Grebe Podiceps auritus (3) (1)

6/5: 1 seen in breeding dress at Zhangaözen Lagoon Water Station.

Black-necked Grebe *Podiceps nigricollis* (3) (8)

8 observations between 23/3 and 2/06:

- on the Caspian Sea at Kendirli in April and at Aktau (on March 23rd and June 2nd)
- at Zhangaözen Lagoon Water Station with 50 birds seen 28/4.

Red-necked Grebe Podiceps grisegena (3) (4)

28/4: 22 at Zhangaözen Lagoon Water Station.

6/5: 2 at Zhangaözen Lagoon Water Station.

22/5: 1 at Zhangaözen Lagoon Water Station.

24/5: 10 at Toqmaq Cap.

Great White Pelican Pelecanus onocrotalus (3) (2)

8/4: 1 at the Fetisovo Peninsula.

13/4: 1 at the Fetisovo Peninsula.

Dalmatian Pelican Pelecanus crispus (3) (1)

27/4: 1 immature at the Fetisovo Peninsula.

Great Cormorant Phalacrocorax carbo (3) (40)

Common on the Capsian Sea near Kendirli between 23/3 and 4/5. Observations are scarcer from 5/5 to 24/5. Breeding birds: around 30 breeding pairs on an islet at the top of Fetisovo Peninsula on May 19th.

Pygmy Cormorant Phalacrocorax pygmeus (1) (1)

One record in Caspian Sea at Aktau on June 2nd.

Little Bittern Ixobrychus minutus (3 and 4) (6)

8/5: 1 migrant male and 1 migrant female (separated observations) in the steppe of Bozashchy

13/5: 1 migrant at Kendirli Water Station

17/5: 1 migrant male at Kendirli Water Station

20/5: 1 migrant female at Kendirli Water Station

2/06: one record at Aktau of a possible breeding bird because of the late date

Great Bittern Botaurus stellaris (3) (4)

3/4: 1 migrant in steppe of Fetisovo Plateau

8/4: 1 migrant in steppe of Fetisovo Plateau

9/4: 1 migrant in steppe of Fetisovo Plateau

11/4: 1 migrant in steppe of Fetisovo Plateau

Great Bittern during a stopover on April 9th in the steppe of Fetisovo Plateau (photo: Christophe Gouraud).



Black-crowned Night-heron Nycticorax nycticorax (3) (8)

Eight observations of 1 to 4 birds (7/5) at Kendirli between 15/4 and 20/5. Most of the birds observed were adults.

Squacco Heron Ardeola ralloides (3) (2)

20/5: 2 migrants at Kendirli Water Station.

27/5: 1 migrant at Kendirli Water Station.

Great Egret Casmedrodius albus (3) (5)

15/4: 1 at Fetisovo Peninsula.

6/5: 1 at Zhangaözen Lagoon Water Station.

21/5: 1 at Fetisovo Peninsula.

22/5: 3 at Zhangaözen Lagoon Water Station.

27/5: 1 at Fetisovo Peninsula.

Little Egret Egretta garzetta (3) (3)

1/5: 4 at the Fetisovo Peninsula.

19/5: 2 at the Fetisovo Peninsula.

22/5: 7 at the Fetisovo Peninsula.

Grey Heron Ardea cinerea (3) (36)

Common at the Fetisovo Peninsula and at Kendirli between 24/3 and 27/5. 35 birds flying have been observed on 6/4 above the steppe of Fetisovo Plateau. One bird observed in the steppe of Bozashchy on 8/5.

Purple Heron Ardea purpurea (3) (17)

No observation before 18/4 and then fairly common until 27/5 at Kendirli, at Zhangaözen Lagoon Water Station and at the Fetisovo Peninsula with a maximum of 4 birds observed on 13/5 near Zhangaözen. One bird observed in the steppe of Bozashchy on 9/5.

Cattle Egret Bubulcus ibis (3) (6)

Six observations between 1/5 and 22/5 at Kendirli with a maximum of 5 birds on 1/5.

Eurasian Spoonbill Platalea leucorodia (3) (4)

19/5: 12 at Kendirli.

20/5: 6 at the Fetisovo Peninsula.

23/5: 5 at the Fetisovo Peninsula.

24/5: 5 at the Fetisovo Peninsula.

Glossy Ibis *Plegadis falcinellus* (3) (7)

Seven observations between 31/3 and 22/5 with a maximum of 21 birds observed at Zhangaözen Lagoon Water Station on 6/5.

Greater Flamingo *Phoenicopterus roseus* (1) (15)

Fairly common at the Fetisovo Peninsula between 24/3 and 22/5 with a maximum of 200 birds on 1/5. 7 birds have been observed at Zhangaözen Lagoon Water Station on 28/4.

Black Kite Milvus migrans (3) (4)

Uncommon migrating species:

- 1 (subspecies unknown) at Zhangaözen Lagoon Water Station on the 31st March
- 1 subspecies *migrans* in the steppe of Fetisovo Plateau on the 18th April
- 1 subspecies *migrans* at Kendirli Water Station on the 3rd May
- 1 subspecies *lineatus* at Kendirli Water Station on the 16th May

White-tailed Eagle Haliaeetus albicilla (3) (1)

Only one record: one immature bird flying to the north along the coast of the Caspian Sea, at Fetisovo, on the 27th March.

Lammergeier Gypaetus barbatus (1) (1)

One record of a immature bird breaking a bone, in the Mangghystau Tauy north of Shetpe, seen from the road, flying over a big mountain, on the 11th May.

Egyptian Vulture Neophron percnopterus (4) (10)

Uncommon species, probably breeding around Vpadina Kaundy and the depression more East. Two adults have been observed near the Ustyurt Nature Reserve on the 25th May and probably a pair was feeding on the rubbish dump of Beket Ata on the 26th May (photo: Arnaud Le Nevé).

One immature observed in the Mangghystau Tauy on the 8^{th} May.



Eurasian Griffon Vulture Gyps fulvus (1) (1)

Only one sighting of 1 adult near the Ustvurt Nature Reserve on the 25th May.

Eurasian Black Vulture Aegypius monachus (1) (1)

Only one sighting of 2 adults near the Ustyurt Nature Reserve on the 25th May.

Short-toed Eagle Circaetus gallicus (4) (3)

Uncommon species despite the high density of snakes in steppe and near the coastline, but these observations are maybe relative to a local breeding pair as they are already late in spring?

- 1 bird on the 2nd May around Kendirli
- 1 bird in the steppe of Fetisovo Plateau the 18th May
- 1 bird flying near the Water Station of Kendirli on the 21st May.

Marsh Harrier Circus aeruginosus (5) (37)

Breeding species at Fetisovo Peninsula with a displaying male together with a female over the reedbed of Fetisovo Peninsula on the 29th April and regular observations from end of April to mid-May at this place.

Common migrating birds elsewhere in steppe of Fetisovo Plateau in March and April. First record on the 25th March and last record on the 24th May at Kendirli.

Hen Harrier Circus cyaneus (3) (13)

Migrating species between the 25th March to the 8th May in steppe of Fetisovo Plateau and Bozashchy.

Pallid Harrier Circus macrourus (3) (64)

Common migrating species from the 26th March to the 10th May, and daily observation from the 26th March to the 23rd April in steppe of Fetisovo and Bozashchy.

Montagu's Harrier Circus pygargus (3) (4)

Uncommon migrating species in steppe of Fetisovo and Bozashchy, but maybe under-noticed (some possible confusions with the Pallid Harrier)? Observed from the 7th April to the 20th May.

Shikra Sparrowhawk Accipiter badius (3) (4)

Uncommon migrant species observed only at Kenlirli between the 12th and the 23rd May. All the observation concern only one or two different immature birds.

(Photo: Arnaud Le Nevé on the 17th May)



Eurasian sparrowhawk Accipiter nisus (3) (19)

Migrating species seen near Fetisovo and Kendirli, in the steppe of Bozashchy between the 23rd March and the 15th May. Some possible confusions with *Accipiter badius*.

Common buzzard Buteo buteo vulpinus (3) (3)

Only 3 observations are related for this species:

- one bird on Kendirli on the 4th April
- one bird in steppe of Fetisovo on the 5th Apri
- one migrating bird to the north at the Lagoon of Zhangaözen Water Station on the 28th April.

Long-legged Buzzard Buteo rufinus (5) (62)

Common raptor in steppe of the Fetisovo Plateau and Bozashchy, and near the Ustyurt Nature Reserve. Breed on coastal cliff near Fetisovo and at Vpadina Kaundy at least.

A traffic of migrant birds could be observed at the end of March to early April.

Steppe Eagle Aquila nipalensis (5) (29)

Observed between the 30th March to the 22nd May in steppe of Fetisovo Plateau and Bozashchy.

Five nest areas have been found in steppe of Fetisovo Plateau with a minimum of two breeding sites with young chicks observed. The nests are directly made on the ground with some scrub vegetation and branchs with few scraps of platic.

Moreover, many juvenile birds have been observed early in the season, probably some migrant birds.



(Photo: Jonathan Ollivier)

Osprey Pandion haliaetus (3) (2)

Only two Ospreys have been observed on the 17th and 22nd April: one seen near the coastline of Kendirli and the other landed in steppe of Fetisovo and in flight.

Golden Eagle Aquila chrysaetos (5) (22)

Some birds are observed foraging on the steppe between the 4th April and the 18th May in steppe of Fetisovo Plateau. One nest is found with a young in a cliff of Vpadina Kaundy on the 18th May (photo below Arnaud Le Nevé). Another territory could be occupied on the west part of the area of Fetisovo Plateau.

This Eagle is also observed near the Ustyurt Nature Reserve on the 25th and 26th May.



Lesser Kestrel Falco naumanni (3 and 5) (6)

Uncommon migrating species from the 26th March to the 21st April in steppe of Fetisovo.

Observation of a breeding colony in the cliff of a mountain of Mangghystau Tauy, north of Shetpe, along the road to Bozashchy, on the 5th and 11th May.

Common Kestrel Falco tinnunculus (5) (172)

The Kestrel have been daily observed in steppe of Fetisovo Plateau, on the coastline of Kendirli, at the Lake's water station of Zhangaözen, in Bozashchy steppe and near the Ustyurt Nature Reserve.

One pair breeds in a cliff of Vpadina Kaundy on the 2nd May.

Red-footed Falcon Falco Vespertinus (3) (4)

Uncommon migrating species:

- one bird on the 19th April in steppe of Fetisovo Plateau
- one bird on the 28th April at the Lake's water station of Zhangaözen
- one female flying to the north at Kendirli on the 2nd May
- one bird observed at Bozashchy steppe on the 10th May.

Merlin Falco columbarius (3) (9)

Uncommon migrating species from the 26th March to the 29th April in steppe of Fetisovo Plateau.

Eurasian Hobby Falco subbuteo (3) (16)

Common migrant specie observed on stop-over and on active migration from the 16th April to the 7th May in steppe of Fetisovo Plateau, on the 8th May at Bozashchy and hunting Swifts near Beket Ata on the 26th May.

Saker Falcon Falco cherrug (5) (10)

Some adult birds have been observed during the trip in steppe of Fetisovo Plateau. One pair has a territorial behaviour on a cliff of Vpadina Kaundy in May.

Peregrine Falcon Falco peregrinus (3) (6)

Uncommon species:

- four observations made between the 24th and the 27th March on Fetisovo Plateau and the coastline.
- 1 bird at the Lake's water station of Zhangaözen on the 31st March
- 1 bird in steppe of Fetisovo Plateau on the 17th April
- 1 bird in steppe of Bozashchy on the 10th May.

Spotted Crake Porzana porzana (3) (1)

One bird on May 7th in the steppe of Bozashchy.

Little Crake Porzana parva (3) (2)

26/4: 1 migrant in Kendirli gardens. This bird, quite curious, came inside a building, and then has been caught and immediately released outside.

28/4: 1 at Zhangaözen Lagoon Water Station.

Little Crake on April 26th in Kendirli gardens (photo: Christophe Gouraud).



Demoiselle Crane Anthropoides virgo (3) (1)

6/5: 1 immature flying above Kendirli, to the North.

Common Coot Fulica atra (3) (21)

Common at the Fetisovo Peninsula and at Zhangaözen Lagoon Water Station between 23/3 and 1/4. Observations then decreased until 4/5 even if a maximum of 1000 birds has been observed at Zhangaözen Lagoon Water Station on 28/4. Then, only 2 observations on the 19/5 and 22/5.

Common Moorhen Gallinula chloropus (3) (2)

28/4: 7 adults at Zhangaözen Lagoon Water Station.

4/5: 1 at the Fetisovo Peninsula.

Macquenn's Bustard Chlamydotis macqueenii (5) (261)

This species have been daily observed from the 23rd March to the 23rd May in all the steppe landscape of Bozashchy and Kendirli where the species commonly breed.

Little Bustard Tetrax tetrax (1) (1)?

One possible observation of a Little Bustard in Bozashchy on the 6^{th} May. The habitats there, could be favorable for the breeding of this species.

Eurasian Oystercatcher *Haematopus ostralegus* (1) (9)

Some observations of this specie have been made on the coastline of Kendirli and the Fetisovo Peninsula from the 24th March to the 22nd May. No more than 3 birds together (17th May) and always on the shore line of the Caspian Sea.

Black-winged Stilt Himantopus himantopus (4) (35)

Observed from the 28th March to the 2nd June. Records in May and June could be relative to breeding birds at Kendirli Water Station, Fetisovo Peninsula, the Lake's Water Station of Zhangaözen and Aktau (on the 2nd June)?

The biggest flocks were: 19 birds in Kendirli Peninsula on the 24th April and 26 in the Lake's Water Station of Zhangaözen on the 28th April.

Pied Avocet Recurvirostra avosetta (3) (7)

Uncommon migrating species from the 28th March to the 27th May. The Pied Avocet has been observed on the coast of Kendirli and Fetisovo, and at the Lake's Water Station of Zhangaözen. The biggest flocks were 80 birds on the 24th April and 30 on the 28th April on the Kendirli shore line.

Stone Curlew Burhinus oedicnemus (5) (7)

Breeding species seen or heard from the 25th April to the 21st May. Three records come from the steppe of Fetisovo Plateau and the Kendirli Water Station. Four records come from Bozashchy, including one nest with 3 eggs discovered on the 7th May.

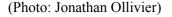
Collared Pratincole Glareola pratincola (3) (3)

Uncommon migrating species:

- 3 on the 28th April at the Lake's Water Station of Zhangaözen
- 1 on the 6th May at Kendirli
- 1 record on the 7th May at Bozashchy

Black-winged Pratincole Glareola nordmanni (3) (10)

More occured than the Collared one. the Black-winged Pratincole have been observed making stop-over on wetland of the Lake's Water Station of Zhangaözen but also directly on the steppe of Fetisovo Plateau from the 20th April to the 3rd May. And also seen Bozashchy (3 observations) from the 5th to the 7th May. No more than 2 birds together on the 28th April at Zhangaözen.





Northern Lapwing Vanellus vanellus (3) (4)

Uncommon migrating species from the 26th March to the 22nd May:

- records on the 26th March, 10th and 11th April at Kendirli Water Station
- one bird on the 22nd May at the Lake's Water Station of Zhangaözen.

Sociable Lapwing Chettusia gregaria (3) (7)

Uncommon migrating species from the 26th March to the 11th April in steppe of Fetisovo Plateau. Some little flocks (maximum 8 birds on the 1st April) have been observed making stopover in the steppe.

White-tailed Lapwing Chettusia leucora (1) (5)

Uncommon species:

- record on the 31st March at the Lake's Water Station of Zhangaözen
- one bird on the 28th April at the Lake's Water Station of Zhangaözen
- one record on the 5th May at Bozashchy
- on bird on the 6th May at the Lake's Water Station of Zhangaözen
- two birds on the 22nd May at the Lake's Water Station of Zhangaözen.

Golden Plover Pluvialis apricaria (1) (1)

One bird stopped at the Fetisovo Peninsula on the 24th March.

Grey Plover Pluvialis squatarola (3) (12)

Eleven records from the 22^{nd} April to the 6^{th} May mainly at Kendirli Peninsula and still two isolated birds on the 23^{rd} May. Maximum of 4 birds on the 24^{th} April and 2^{nd} May.

Common Ringed Plover *Charadrius hiaticula* (3) (22)

This species have been observed in the Kendirli shore line from the 6th April to the 22nd May, on the Lake's Water Station of Zhangaözen and also near Shebir in Bozashchy on the 11th May. Maximum of 6 birds on the 19th May at Kendirli Water Station.

Little Ringed Plover Charadrius dubius (4) (28)

This Plover has been recorded in the Kendirli Water Station with a first sighting on the 25th March and a second isolated record on the 12th April. Then it becomes common from the 22nd April to the 24th May but without any proof of breeding. Maximum of 10 birds on the 27th April at Kendirli Water Station.

It was also observed in Bozashchy on the 11th May and one bird was alarming on the Caspian shore of Aktau city centre on the 1st June.

Kentish Plover Charadrius alexandrinus (5) (58)

Common species in all wetland and along the sandy shore line of the Caspian Sea. This species was daily observed around Kendirli and Fetisovo. Two pairs with 3 chicks each were observed at Kendirli Water Station on the 24th May.

It has been also observed on the Lake's Water Station of Zhangaözen, in Bozashchy and Aktau. The maximum together is 15 birds at Shebir, in Bozashchy on the 11th May.

Lesser Sand Plover Charadrius mongolus (3) (13)

A short but intensive migration of birds (subspecies *pamirensis*) has been observed from the 21st to the 24th May:

- a flock of 14 birds landed for a stopover in steppe of Fetisovo Plateau, very talkative, with displaying males on the 21st May
- the same day, the Fetisovo Peninsula received a flock of 151 birds, also very talkative
- still 39 birds at Fetisovo Peninsula on the 24th May.

Greater Sand Plover *Charadrius leschenaultii* (5) (163)

The subspecies *crassirostris* is a common breeding species in all flat steppes of Fetisovo Plateau and Bozashchy.

(Photo: Jonathan Ollivier)



Caspian Plover Charadrius asiaticus (5) (24)

In the steppe of Fetisovo Plateau, this plover seems to make stopover only from the 28th March to the 26th April.

The breeding has been proved in steppe of Bozashchy on the 8th May by 6 birds together including one female with a chick just hatched.

Eurasian Dotterel Charadrius morinellus (1)

One adult in breeding dress in stopover in steppe of Fetisovo Plateau on the 23rd April.

Great Snipe Gallinago media (3) (4)

One bird has made stop-over at the Water Station of Kendirli from the 20th to the 24th May.

Photo: Arnaud Le Nevé, on the 24th May



Common Snipe Gallinago gallinago (3) (21)

First sighting on the 31st March at the Lake's Water Station of Zhangaözen. Then, regular birds feed at Kendirli Water Station from the 3rd April to the 21st May. Maximum of 4 Common Snipes on the 26th April.

Black-tailed Godwit Limosa limosa (3) (9)

Migrating species from the 29th March to the 24th April by flying flocks over the steppe of Fetisovo Plateau and birds on the seashore of the Caspian Sea. Maximum of 150 birds flying together to the north at Kendirli on the 23rd April.

Bar-tailed Godwit Limosa lapponica (3) (10)

First sighting on the 31st March at the Lake's Water Station of Zhangaözen. Then, common migrating species from the 11th April to the 6th May. A last and isolated record of 2 birds on the 20th May at Fetisovo Peninsula. Maximum of 77 birds together on the 24th April at Kendirli.

Eurasian Whimbrel Numenius phaeopus (3) (58)

Daily records from the 5th April to the 1st May with many flocks landed in steppe for stopover at Fetisovo Plateau. After that date only 5 five records until the 24th May, and mainly on the Caspian Sea coast. The greater flock was 135 birds at the Kendirli Peninsula flying to the north on the 1st May. Some birds have been observed also at the Lake's Water Station of Zhangaözen.

Eurasian Curlew Numenius arquata (3) (16)

Common migrating birds from the 26th March to the 16th April in steppe of Fetisovo Plateau and coast of Kendirli. Isolated birds on the 28th April at the Lake's Water Station of Zhangaözen and the Fetisovo Peninsula. Last bird the 6th May at Kendirli.

Spotted Redshank Tringa erythropus (3) (2)

Only two records: 4 birds on the 19th and 20th May at Fetisovo Peninsula

Common Redshank Tringa totanus (4) (19)

Migrating birds from the 27th March to the 16th May at Kendirli and the Lake's Water Station of Zhangaözen. Possible breeding birds at Aktau observed from the 28th May to the 2nd June. Maximum of 6 birds together on the 24th April at Kendirli.

Marsh Sandpiper Tringa stagnatilis (3) (6)

One first record on the 28th March at Kendirli. Then 5 records from the 26th April to the 6th May:

- 1 bird on the 26th and 27th April at Kendirli Water Station
- 19 birds together on the 28th April at the Lake's Water Station of Zhangaözen
- 1 bird on the 1st May at Kendirli Water Station
- 1 bird on the 6th May at the Lake's Water Station of Zhangaözen

Common Greenshank Tringa nebularia (3) (4)

Uncommon migrating species:

- 1 on the 23rd April at Kendirli
- 1 on the 28th April at the Lake's Water Station of Zhangaözen
- 1 on the 28th April at Fetisovo Peninsula
- 1 on the 8th May at Bozashchy

Green Sandpiper Tringa ochropus (3) (20)

Migrating species from the 27th March to the 8th May on the coast of Kendirli and at the Lake's Water Station of Zhangaözen. Maximum of 3 birds together at Kendirli on the 24th April and Zhangaözen on the 28th April.

Wood Sandpiper Tringa glareola (3) (27)

Common migrating species from the 26th April to the 28th May at Kendirli and the Lake's Water Station of Zhangaözen. Maximum of 6 birds together on the 27th May at Kendirli Water Station.

Terek Sandpiper Xenus cinereus (3) (27)

Common migrating bird from the 23rd April to the 2nd June. Most of the birds have been observed on stopover on the coastline of Kendirli, at the Lake's Water Station of Zhangaözen and at Aktau from the 28th May to the 2nd June. Greater flocks observed at Aktau with 19 birds on the 28th May and 30 birds the 1st June.

Common Sandpiper Actitis hypoleucos (3) (12)

Migrating birds from the 8^{th} April to the 22^{nd} May at Kendirli and the Lake's Water Station of Zhangaözen. Maximum of 11 birds together on the 6^{th} May at Zhangaözen.

Ruddy Turnstones Arenaria interpres (3) (18)

Migrating species from the 28th April to the 2nd June at Kendirli, Lake's Water Station of Zhangaözen and Aktau. Maximum of 15 birds together on the 15th May at Kendirli.

Sanderling Calidris alba (3) (21)

A first isolated record on the 26th March at Kendirli. Then regular from the 23rd April to the 2nd June at Kendirli and Fetisovo Caspian coast. Maximum of 50 birds on the 17th May at Kendirli. Some flocks have been also observed flying over the steppe of Fetisovo Plateau (40 birds on the 23rd May) and Bozashchy.

Little Stint Calidris minuta (3) (41)

Common migrating species. A first isolated record on the 31^{st} March at Kendirli Water Station. Then daily sightings from the 25^{th} April to the 27^{th} May at Kendirli coast and the Water Station. Two records from Aktau on the 28^{th} May and the 2^{nd} June.

Maximum of 29 birds on the 15th May at Kendirli.

Temminck' Stint Calidris temminckii (3) (22)

Migration species from the 28th April to the 28th May only seen at the Kendirli Water Station, except for 2 birds on the 28th April and 1 on the 6th May at the Lake's Water Station of Zhangaözen. Maximum of 5 birds together on the 1st May.

Curlew Sandpiper Calidris ferruginea (3) (17)

Migrating birds from the 25th April to the 28th May around Kendirli and Fetisovo, at the Lake's Water Station of Zhangaözen and at Aktau on the 28th and 29th May.

Maximum of 21 birds on the 21st May together at Fetisovo Peninsula.

Dunlin Calidris alpina (3) (41)

Dunlin has been observed from the 26th March to the 2nd June around Kendirli and Fetisovo, at the Lake's Water Station of Zhangaözen, at Bozashchy and at Aktau. The maximum is of 35 birds on the 24th April at Kendirli.

Broad-billed Sandpiper Limicola facinellus (3) (8)

All the observations have been made at Kendirli Water Station and Fetisovo Peninsula from the 7th to the 24th May. The maximum is of 17 birds together at Fetisovo Peninsula and 1 other bird at Kendirli Water Station on the 21st May.

Ruff Philomachus pugnax (3) (51)

Common migrating species from the 24th March to the 28th May. Many flocks of Ruff have been observed on the steppe and on the Caspian coast of Kendirli, and also at the Lake's water station of Zhangaözen, Bozashchy and coast of Aktau. The maximum is of 30 birds on the 28th April at Zhangaözen.

Red-necked Phalarope Phalaropus lobatus (3) (41)

Common migrating species from the 24th March to the 27th May around Kendirli, at the Lake's Water Station of Zhangaözen, Bozashchy and Ustyurt Nature Reserve. Daily observation from the 23rd April to the 7th May. Maximum of 150 birds on the 28th April and 200 on the 22nd May at Zhangaözen.

Parasitic Jaeger Stercorarius parasiticus (3) (1)

One migrating bird on the 22nd May at the Toqmaq Cap.

Mew Gull Larus canus (3) (3)

Uncommon migrating species at Kendirli:

- one record on the 26th March
- one record on the 8th April
- one immature on the 27th May at Fetisovo Peninsula

Caspian Gull Larus cachinnans cachinnans/barabensis (3) (73)

Common migrating species from the 23rd March to the 2nd June, on the Caspian coast around Kendirli and Aktau, flying over steppe of Fetisovo Plateau and Bozashchy. Maximum of 10 birds together on the 19th May at Fetisovo Peninsula.

Heuglin's Gull Larus heuglini heuglini (3) (11)

Migrating birds from the 8^{th} April to the 12^{th} May along the shore line of the Caspian Sea at Kendirli. Maximum of 12 birds flying to the North on the 23^{rd} April.

Pallas's Gull Larus ichthyaetus (3) (13)

Migrating species from the 26^{th} March to the 27^{th} May at Kendirli and Fetisovo Peninsula. Maximum of 7 birds on the 28^{th} April.

Black-headed Gull Larus ridibundus (3) (56)

Migrating species from the 23rd March to the 2nd June around Kendirli, at Lake's Water Station of Zhangaözen and Aktau. Maximum of 25 birds on the 28th at Zhangaözen.

Slender-billed Gull Larus genei (3) (61)

Common migrating species from the 24th March to the 2nd June around Kendirli sea shore and Aktau. Maximum of 55 birds on the 24th May at Fetisovo Peninsula.

Mediterranean Gull Larus melanocephalus (3) (1)

One adult on the 13th May, in breeding dress flying to the North along the shore at Kendirli, seen by all the staff during a meeting.

Little Gull Larus minutus (3) (5)

Uncommon migrating species:

- one record on the 23rd and 26th March at Kendirli
- one record on the 1st and 4th May at Kendirli
- one bird on the 2nd June at Aktau

Gull-billed Tern Gelochelidon nilotica (3) (24)

Migrating bird from the 13th April to the 27th May around Kendirli and at the Lake's Water Station of Zhangaözen or flying over the steppe of Fetisovo Plateau and Bozashchy. Maximum of 6 birds on the 21st May at Fetisovo Peninsula.

Caspian Tern Hydroprogne caspia (3) (4)

Uncommon migrating bird:

- one record on the 3rd April at Kendirli
- one record on the 8th April at Kendirli
- one record on the 20th April in steppe of Fetisovo Plateau
- one bird roosting in a flock of terns on the 19th May at Fetisovo Peninsula

Sandwich Tern Sterna sandvicensis (3) (31)

Migrating species from the 23rd March to the 27th May on the Caspian coast around Kendirli. Maximum of 9 birds together on the 27th May at Fetisovo Peninsula.

Common Tern Sterna hirundo (5) (53)

First observation on the 12th April at Kendirli. A little colony breeds together with Little Terns on a sandy island at Fetisovo Peninsula with around 25 pairs on the 19th May. Moreover, 5 pairs breed at Aktau on the 29th May, in a little marsh threatened by a rubbish dump.

The maximum is a flock of 520 birds together on the 27th May, roosting on the evening on sandy islands at Fetisovo Peninsula.

Little Tern Sternula albifrons (5) (74)

First observation on the 22^{nd} April at Kendirli. A little colony breeds together with Common Terns on a sandy island at Fetisovo Peninsula with around 25 pairs on the 19^{th} May.

The maximum is of 65 birds on the 19th May at Fetisovo Peninsula (including the breeding colony).

Whiskered Tern Chlidonias hybrida (3) (23)

Migrating species from the 28th April to the 2nd June around Kendirli, at the Lake's Water Station of Zhangaözen, at Bozashchy and Aktau. Maximum of 40 birds on the 22nd May at Zhangaözen.

White-winged Tern Chlidonias leucopterus (3) (48)

Migrating species from the 22nd April to the 27th May around Kendirli, flying over the steppe of Fetisovo Plateau and Bozashchy, at the Lake's Water Station of Zhangaözen.

The maximum is of 200 birds on the 28th April and 1000 birds on the 6th May on the Lagoon at Zhangaözen.

Black Tern Chlidonias niger (3) (5)

Uncommon migrating bird:

- 1 to 2 birds from the 19th to the 21st May at Fetisovo Peninsula
- 1 on the 27th May at Fetisovo Peninsula
- 1 on the 2nd June at Aktau.

Pin-tailed Sandgrouse Pterocles alchata (1) (1)

One bird on the 22nd April in steppe of Fetisovo Plateau.

Black-bellied Sandgrouse Pterocles orientalis (4) (69)

Common species in steppe of Fetisovo Plateau and Bozashchy, observed from the 24th March to the 28th May. The species is probably breeding although any certain indice was found.

The greater flocks are observed drinking at Kendirli Water Station:

- 21 birds on the 12th May
- 34 birds on the 20th May
- 110 birds together on the 28th May.

Rock Pigeon Columba livia (4) (28)

Observed mainly at Kendirli Water Station from the 23rd March to the 28th May, for drinking. This species probably breeds in the closest rocky cliffs all around Kendirli and Fetisovo. Maximum of 5 birds on the 27th May.

Stock Dove Columba oenas (3) (6)

Uncommon migrating species:

- one record on the 23rd and the 24th March at Kendirli
- one record on the 31st March at Zhangaözen Lagoon Water Station
- one bird on the 1st May at Kendirli Water Station
- one record on the 7th May at Kendirli
- one record on the 28th May at Kendirli

European Turtle Dove Streptopelia turtur (3) (8)

Uncommon migrating species from the 1st to the 29th May:

- 1 bird together with an Oriental Turtle Dove on the 1st May at Kendirli Water Station
- 6 records of 1 to 3 birds from the 19th to the 28th May at Kendirli Water Station
- 1 bird at Aktau on the 29th May.

Oriental Turtle Dove Streptopelia orientalis meena (3) (7)

Uncommon migrating species from the 1st to the 28th May:

- 1 bird together with an European Turtle Dove on the 1st May at Kendirli Water Station
- 6 records of 1 to 2 birds from the 19th to the 28th May at Kendirli Water Station

Eurasian Collared Dove Steptopelia decaocto (3) (16)

Migrating bird from the 27th April to the 27th May at Kendirli and Bozashchy. Maximum of 6 birds on the 27th May at Kendirli Water Station.

Laughing Dove Steptopelia senegalensis (3) (1)

One bird at Kendirli Water Station on the 24th May.

Oriental Cuckoo Cuculus optatus (3) (4)

According to the lack of knowledges on the range of this species in Kazakhstan especially in that part of the country, and because of its difficult identification, there is a possible doubt on the records of this species.

One bird on the 12th and 13th May at Kendirli Water Station, heard singing one short time (but not enough to be sure at 100%), smaller than Common Cuckoos seen together.

Possible Oriental Cuckoo (photo: Christophe Gouraud)



Common Cuckoo Cuculus canorus (3) (22)

Fairly common migrant species in the steppe of Fetisovo Plateau and near Fetisovo between 25/4 and 27/5.

Common Cuckoo on May 18th in the steppe of Fetisovo Plateau (photo: Christophe Gouraud).



Common Scops-owl Otus scops (3) (1)

One on the 25th April in steppe of the Fetisovo Plateau (photo: Jonathan Ollivier).



Short-eared Owl Asio flammeus (3) (3)

27/3: 1 near the beach at Kendirli.

6/4: 1 flying above the beach at Kendirli.

10/4: 1 near the beach at Kendirli (photo: Jonathan

Ollivier).



Little Owl Athene noctua (4) (30)

Common species in the steppes of Fetisovo Plateau and Bozashchy, and at West border of the Ustjurt Nature Reserve between 28/3 and 26/5.

Little Owl on May 19th in Vpadina Kaundy (photo: Arnaud Le Nevé).



Eurasian Eagle-owl Bubo bubo (4) (26)

Fairly common species in the steppe of Fetisovo Plateau and the steppe of Bozashchy between 27/3 and 24/5.

Eurasian Eagle-owl on May 18th in Vpadina Kaundy (photo: Arnaud Le Nevé).



Eurasian Nightjar Caprimulgus europaeus (1) (4)

30/4: 1 migrant in the steppe of Fetisovo Plateau.

9/5: 1 migrant in the steppe of Fetisovo Plateau.

15/5: 1 migrant in the steppe of Fetisovo Plateau.

19/5: 1 migrant at Kendirli Water Station.

Common Swift Apus apus (5) (77)

Very common species in the steppes of Fetisovo Plateau and Bozashchy, and at West border of the Ustjurt Nature Reserve between 18/4 and 26/5. Only 7 observations recorded before 18/4 (first observation on 26/3 in the steppe of Fetisovo Plateau).

Breeding birds: a colony sits on the south-east corner of Vpadina Kaundy.

Alpine Swift Tachymarptis melba (4) (21)

Fairly common species in the steppes of Fetisovo Plateau and Bozashchy, and at West border of the Ustjurt Nature Reserve between 26/4 and 26/5. Only 3 observations recorded before 26/4 (first observation on 9/4 in the steppe of Fetisovo Plateau).

Breeding birds: a colony sits on the south-east corner of Vpadina Kaundy and another near Beket Ata

Common Kingfisher Alcedo atthis (3) (1)

4/5: 1 migrant at Kendirli fishing on the Caspian Sea shore.

European Bee-eater Merops apiaster (4) (15)

Common migrant species near Fetisovo and Kendirli between 22/4 and 24/5 with a maximum of 12 birds on 7/5.

Blue-cheeked Bee-eater Merops persicus (3) (35)

Very common migrant species near Fetisovo and Kendirli, in the steppe of Bozashchy and at the West border of the Ustjurt Nature Reserve between 1/5 and 27/5 with a maximum of 15 birds on 17/5 and 20/5 at Kenderli Water Station.

European Roller Coracias garrulus (3) (8)

8 observations of migrant birds near Fetisovo and Kendirli, and in the steppe of Fetisovo Plateau between 28/4 and 24/5. Two birds have been observed at different places at Bozashchy on 10/5.

(Photo: Jonathan Ollivier)



Eurasian Hoopoe *Upupa epops* (5) (179)

Very common species daily observed between 23/3 and 29/5 near Fetisovo and Kendirli, in the steppes of Fetisovo Plateau and Bozashchy, and at West border of the Ustjurt Nature Reserve.

Eurasian Wryneck Jynx torquilla (3) (6)

6 observations of single migrant bird in Kendirli and around from 19/4 to 4/5.

Calandra Lark Melanocorypha calandra (5) (130)

Common species at Fetisovo Plateau, west border of Ustjurt Nature Reserve and Bozashchy. Daily observations from the 23rd March to the 29th May, by all the cars. Ten observations near the sea around Fetisovo and Kendirli.

Bimaculated Lark Melanocorypha bimaculata (5) (102)

Common species at Fetisovo Plateau and Bozashchy. Daily observations from the 23rd March to the 29th May, by all the cars. Only one record at west border of Ustjurt Nature Reserve. No data near the sea around Fetisovo and Kendirli.

White-winged Lark Melanocorypha leucoptera (3) (2)

Only two dead birds since probably the last winter, found in steppe of Fetisovo Plateau on the 13th and 18th May. No breeding birds found either around Fetivoso, nor Bozashchy, Zhangaözen or west border of Ustjurt Nature Reserve.

Greater Short-toed Lark Calandrella brachydactyla (5) (61)

Local species at Fetisovo Plateau (maybe more in the east part, south of Vpadina Kaundy) and Bozashchy. Daily observations from the 23rd March to the 29th May, by all the cars. No sighting at west border of Ustjurt Nature Reserve. Three sightings at Kendirli: observed on the 3rd and 4th April, and 1 drinking at Water Station on the 7th May.

Lesser Short-toed Lark Calandrella rufescens (5) (222)

Common species at Fetisovo Plateau and Bozashchy. Daily observations from the 23rd March to the 29th May, by all the cars. Only one record at west border of Ustjurt Nature Reserve. No data near the sea around Fetisovo and Kendirli.

Crested Lark Galerida cristata (5) (107)

Local species at Fetisovo Plateau between the 23rd March and the 29th May. Four sightings at Bozashchy. Two sighting at west border of Ustjurt Nature Reserve. Common near the sea around Fetisovo, Kendirli and Toqmaq Cap with 32 observations out of 107.

Crested Lark subspecies *tenuirostris* (photo: Christophe Gouraud).



Eurasian Skylark Alauda arvensis (3) (6)

Migrating birds observed from the 24th March to the 3rd April: 4 records at Fetisovo Plateau and 2 at Kendirli.

Horned Lark Eremophila alpestris brandti (5) (42)

Local species at Fetisovo Plateau between the 23rd March and the 29th May, usually found on rocky outcrops places, sometime not far from the sea. One sighting at Bozashchy: one pair on the 10th May. Also, singing birds from the road crossing the Mangghystau Tauy north of Shetpe on the 5, 8 and 11th May. Two sightings at west border of Ustjurt Nature Reserve on the 25th May. Two observations at Kendirli: 1 bird on the 24th March and 1 drinking at the Water Station on the 24th May.

Sand Martin Riparia riparia (3) (28)

Migrating birds observed from the 19th April to the 27th May, mainly around Kendirli (16 out of 27 data). Maximum of 100 birds at the Zhangaözen Lagoon Water Station on the 28th April and 11 at Kendirli on the 24th May.

Barn Swallow Hirundo rustica (3) (147)

Migrating birds observed from the 24th March to the 28th May at Fetisovo Plateau, Kendirli, and Bozashchy. Daily observed from the 24th March to the 24th May. Maximum of 100 birds at the Zhangaözen Lagoon Water Station on the 28th April and 10 the 1st May at Kendirli.

Common House Martin Delichon urbica (4) (8)

Uncommon migrating species between the 17th April and the 17th May in steppe and at Kendirli. Possible breeding birds at Aktau city centre near the sea: 2 Common House Martin on the 5th May, 10 on the 28th May and observed on the 2nd June.

Red-rumped Swallow Cecropis daurica (3) (1)

Two birds on the 6th May at Kendirli.

Tawny Pipit Anthus campestris (5) (24)

Local breeder at Fetisovo Plateau. Often found by pair near rocky outcrops at Toqmaq Cap area or near the cliffs of Vpadina Kaundy. No sighting at Bozashchy and west border of Ustjurt Nature Reserve. Eight records at Kendirli.

Meadow Pipit Anthus pratensis (3) (7)

Uncommon migrating species from the 25th March to the 24th April at Kendirli and its Water Station.

Red-throated Pipit Anthus cervinus (3) (51)

Common migrating species from the 23rd April to the 28th May. Half of the observations come from Kendirli and the other half from the steppe of Fetisovo Plateau and Bozashchy. No data around Ustjurt Nature Reserve. Daily observed from the 30th April to the 16th May. Maximum of 22 birds resting in steppe of Fetisovo Plateau on the 2nd May.

Tree Pipit Anthus trivialis (3) (6)

Uncommon migrating species from the 24^{th} April to the 3^{rd} May at Kendirli and its Water Station. One bird on the 24^{th} April and 3^{rd} May, 3 birds on the 27^{th} April and 1^{st} May.

Water pipit Anthus spinoletta coutellii (3) (2)

Uncommon migrating species:

- 1 on the 31st March at Kendirli
- 1 (subspecies *coutellii*) on the 3rd May at Kendirli.

White Wagtail Motacilla alba (3 and 5) (195)

Subspecies *alba* migrating birds (n = 149) observed from the 23th March to the 24th May at Fetisovo Plateau, Kendirli and Bozashchy. Daily observed from the 23rd March to the 12th May. Maximum of 7 birds on the 28th April at Zhangaözen Lagoon Water Station.

One breeding pair (male feeding) at Aktau city centre, on the 29th May.

Subspecies *personata* (n = 46) observed from 24th March to the 25th April at Fetisovo Plateau and around Kendirli.

Yellow Wagtail Motacilla flava (3 and 5) (173)

Indeterminate subspecies (n = 70), often migrating females, observed from the 26th March to the 27th May at Fetisovo Plateau and Kendirli. Almost daily observed from the 16th April to the 24th May. Maximum of 28 birds all subspecies taken together on the 6th May at the Zhangaözen Lagoon Water Station.

Subspecies flava (n = 24) observed from the 16^{th} April to the 24^{th} May at Fetisovo Plateau, Kendirli and Bozashchy.

Subspecies *beema* (n = 12) observed from the 31^{st} March to the 22^{nd} May at Fetisovo Plateau, Kendirli and Bozashchy.

Subspecies *feldegg* (n = 19) observed from the 24th March to the 20th May mainly at Kendirli and its Water Station (only 2 records in steppe of Fetisovo Plateau).

One breeding pair is found at Aktau city centre on the 2nd June.

Subspecies *thunbergi* (n = 24) observed from the 1st to the 24th May mainly at Kendirli and its Water Station (8 data at Fetisovo Plateau and 1 at Bozashchy).

Subspecies *tschutchensis* (n = 5) observed from the 31^{st} March to the 22^{th} May mainly at Kendirli and its Water Station (only one data from the Fetisovo Plateau).

Subspecies *leucocephala* (n = 1) observed on the 14th May at Fetisovo Plateau.

(White-headed Wagtail *Motacilla flava leucocephala*; photo Arnaud Le Nevé)



Subspecies lutea (n = 14) observed from the 30^{th} April to the 27^{th} May mainly at Kendirli and its Water Station (only one data at Fetisovo Plateau and one at Bozashchy).

Subspecies *superciliaris* (n = 1) on the 28th May on a little wetland at Aktau city centre.

Also some hybrid males of these subspecies have been seen:

- 1 *flava x superciliaris* on the 2nd May in steppe of Fetisovo Plateau
- 1 feldegg x tschutschensis on the 2nd May in steppe of Fetisovo Plateau
- 1 *flava x thunbergi* on the 27th May at Kendirli

Grey Wagtail Motacilla cinerea (3) (9)

Uncommon migrating species between the 3rd and the 17th May at Fetisovo Plateau, Kendirli and Bozashchy.

Citrine Wagtail Motacilla citreola (3) (109)

Indeterminate subspecies (n = 75), often migrating females, observed from the 24^{th} March to the 28^{th} May at Fetisovo Plateau and Kendirli (only one record at Bozashchy). Almost daily observed from the 20^{th} April to the 6^{th} May. Maximum of 12 birds all subspecies taken together on the 2^{nd} and 3^{rd} May at Kendirli.

Subspecies *citreola* (n = 29) observed from the 24th March to the 27th May at Fetisovo Plateau and Kendirli (photo: Christophe Gouraud).

Subspecies *calcarata*: 1 male on the 1st May, 1 male on the 12th and 1 male on the 24th May at Kendirli.

Subspecies *werae*: 1 male on the 26th April and 1 male on the 19th May at Kendirli.



Dunnock Prunella modularis (3) (4)

Uncommon migrating species at Kendirli seaside resort: 1 bird on the 28th and 29th March, 1 bird on the 3rd and 14th April.

Mistle Thrush Turdus viscivorus (3) (3)

Uncommon migrating species at Kendirli seaside resort: 2 birds on the 24^{th} March and species observed on the 26^{th} and 27^{th} March.

Song Thrush Turdus philomelos (3) (13)

Uncommon migrating species at Fetisovo Plateau and Kendirli seaside resort from the 24th March to the 30th April, and 1 bird on the 21st May.

Redwing Turdus iliacus (3) (5)

Uncommon migrating species at Kendirli: 1 bird between the 24th to the 28th March.

Fieldfare *Turdus pilaris* (3) (7)

Uncommon migrating species at Fetisovo Plateau and Kendirli from the 24th March to the 3rd April: 3 birds on the 24th March at Kendirli.

Blue Rock Thrush Monticola solitarius (3) (2)

Uncommon migrating species at Fetisovo Plateau and Vpadina Kaundy: 1 bird on the 11th April and 1 on the 19th April.

Thrush Nightingale Luscinia luscinia (3) (6)

Uncommon migrating species at Kendirli from the 4th to the 12th May. Two birds on the 6th and the 8th May.

Common Nightingale Luscinia megarhynchos (3) (1)

One carcass found at Kendirli seaside resort on the 4th May.

Bluethroat Luscinia svecica (3) (12)

Migrating species at Fetisovo Plateau and Kendirli seaside resort from the 29th March to the 1st May (subspecies *svecica* or *pallidogularis*).

European Robin Erithacus rubecula (3) (7)

Migrating species at Kendirli seaside resort: one bird on the 24th March, 4th, 12th, 20th, 22nd, 23rd and 24th April.

Black Redstart Phoenicurus ochruros gibraltarensis (3) (9)

Migrating species at Fetisovo Plateau and Kendirli seaside resort from the 26th March to the 28th April. A last and isolated bird on the 19th May in steppe of Fetisovo Plateau.

Common Redstart Phoenicurus phoenicurus (3) (106)

Common migrating species at Fetisovo Plateau, Bozashchy and Kendirli seaside resort from the 6^{th} April to the 27^{th} May. Daily observed from the 15^{th} April to the 17^{th} May. Maximum of 14 birds on the 24^{th} April and 15 on the 6^{th} May at Kendirli.

Whinchat Saxicola rubetra (3) (47)

Migrating species in steppe of Fetisovo Plateau and Bozashchy, and along the sea side at Kendirli from the 15^{th} April to the 27^{th} May. Almost daily observed from the 17^{th} April to the 10^{th} May. Maximum of 12 birds on the 24^{th} at Kendirli.

Siberian Stonechat Saxicola torquatus maura (3) (6)

Uncommon migrating species in steppe of Fetisovo Plateau from the 27th March to the 3rd May.

Pied Bushchat Saxicola caprata (3) (2)

One female or immature on the 17th and 24th May at Kendirli (photos).

Pied Bushchat female or immature on the 17th May at Kendirli. (photo: Arnaud Le Nevé).



Northern Wheatear *Oenanthe oenanthe* (3) (59)

Migrating birds at Fetisovo Plateau, Bozashchy and Kendirli from the 28th March to the 24th May. Almost daily observed from the 2nd April to the 14th May.

Finsch's Wheatear *Oenanthe finschii* (5) (160)

Common breeding species in steppe of Fetisovo Plateau, often found near rocky outcrops areas or little dry river beds, also inside the depression of Vpadina Kaundy. Observed from the 25th March to the end of the trip.

(Photo: Jonathan Ollivier)



Pied Wheatear *Oenanthe pleschanka* (5) (83)

Common breeding species in steppe near rocky areas such as cliffs or dry river beds. Also few pairs at Kendirli seaside resort breed into holes' walls or under roofs of houses. Breeding pairs have been found at Fetisovo Plateau, Bozashchy and west border of Ustjurt Nature Reserve. Observed from the 26th March to the end of the trip.

White-throated (*vittata*) morph has been observed at two places:

- the first one few kilometres south of Kendirli, on the edge of the lagoon and close to the cliff of Fetisovo Plateau (42°44'N; 52°44'E).
- the second one along the cliff and the stairs of Beket Ata sanctuary.

Variable Wheatear Oenanthe picata obistholeuca (3) (6)

Migrating birds: on the 26th and 29th March, 13th, 15th and 16th April in steppe of Fetisovo Plateau, and one the 28th April at Kendirli seaside resort.

Eastern Black-eared Wheatear Oenanthe hispanica melanoleuca (5) (11)

Uncommon breeding species observed from the 26th March to the 26th May. Found at least at two places: a depression (42°46'N; 53°25'E) right to the east of Vpadina Kaundy and Beket Ata sanctuary.

Desert Wheatear Oenanthe deserti (5) (37)

Uncommon breeding species observed from the 25^{th} March to the 25^{th} May. It seems to be more common at Bozashchy than at Fetisovo Plateau. Seen also at the west border of Ustjurt Nature Reserve and observed few kilometres south of Kendirli, on the edge of the lagoon and close to the cliff of Fetisovo Plateau ($42^{\circ}44^{\circ}N$; $52^{\circ}44^{\circ}E$).

Isabelline Wheatear *Oenanthe isabellina* (5) (171)

Common breeder everywhere in steppe and daily observations all the trip.

Spotted Flycather Muscicapa striata (3) (64)

Common migrating species from the 27th April to the 27th May, at Fetisovo Plateau, Bozashchy, west border of Ustjurt Nature Reserve and Kendirli seaside resort. Daily records between the 6th and the 27th May. Maximum of 39 differents birds observed in steppe on the 14th May.

European Pied Flycatcher Ficedula hypoleuca (3) (13)

Migrating species from the 19th April to the 2nd May, at Fetisovo Plateau and Kendirli seaside resort. Also a late female observed on the 17th May at Kendirli. On the 24th and 25th April, one "grey morph" male at Kendirli.

Collared Flycatcher Ficedula albicollis (3) (2)

One male on the 25th April and one immature 2CY (photo) on the 23rd April at Kendirli.



Collared Flycatcher (immature 2CY) on the 23rd April at Kendirli. The white wingbar of the median coverts looks similar to the Semicollared Flycatcher but it is shorter here. Moreover, see the global cold brown colour, the nape and the uppertail-coverts pale grey, the large white wingbar of the greater coverts, and the large and rounded white patch at the primaries base. (photo: Arnaud Le Nevé)

Semi-collared Flycatcher *Ficedula semitorquata* (3) (11)

Uncommon migrating species from the 12th April to the 3rd May, mainly at Kendirli seaside resort but one record in steppe:

- one bird on the 12th April at Kendirli
- one bird on the 15th April at Kendirli
- one bird on the 19th April at Kendirli
- one male on the 21st and 23rd April at Kendirli
- one male in steppe of Fetisovo Plateau (photo) and one female at Kendirli on the 25th April
- one female on the 26th and 27th April at Kendirli
- one female on the 2nd and 3rd May at Kendirli.





Semi-collared Flycatcher male on the 25th April in steppe (photos: Arnaud Le Nevé).

Red-breasted Flycatcher Ficedula parva (3) (15)

Migrating species from the 13th April to the 14th May, which we can list:

- 1 female or immature at Kendirli on the 29th April,
- 1 male at Kendirli from the 29th April to the 1st May,
- 1 male and 1 female or immature in steppe of Fetisovo Plateau on the 2nd May
- 1 male and 2 females or immatures at Kendirli on the 3rd May
- 1 male at Kendirli on the 6th May
- 2 females or immatures at Kendirli on the 6th and 7th May
- 1 female or immature at Tigen (Bozashchy) on the 11th May.

Also, daily observations between the 29th April and the 7th May.





Flycatcher sp., on the 3rd May at Kendirli (photos: Arnaud Le Nevé).

The totally black bill appearing thick, cold grey colour of breast and face and eye-ring hardly visible above and in front of eye, the black legs, pale fringes of tertials (not reddish) are relative to a Taïga Flycatcher. But black bill regularly occur in *parva* according to Arend Wassink (*comm. pers.*). Moreover the brown rectrices and uppertail-coverts, lacking contrast with the back, are a typical character of a Red-breasted Flycatcher.

Taiga Flycatcher Ficedula albicilla (3) (1)

According to the lack of knowledges on the range of this species in Kazakhstan especially in that part of the country, and because of its difficult identification, there is a possible doubt on the records of this species.

One male in breeding dress on the 3rd May at Kendirli.

Scrub Warbler Scotocerca inquieta (3) (1)

One observation on the 21st April in steppe of Fetisovo Plateau.

Sedge Warbler Acrocephalus schoenobaenus (3) (9)

Uncommon migrating species from the 1st to the 24th May at Kendirli (only one sighting in steppe of Fetisovo Plateau). No more than one bird per observation.

Paddyfield Warbler Acrocephalus agricola (3) (17)

Migrating species from the 23rd April to the 28th May at Kendirli (and two records in steppe of Bozashchy). Maximum of 7 birds at Kendirli on the 7th May.

European Reed Warbler Acrocephalus scirpaceus fuscus (3) (5)

Uncommon migrating species from the 15th to the 24th May at Kendirli but probably under detected within the important crowd of Blyth's Reed Warbler:

- 1 on the 15th May at Kendirli
- 1 on the 16th May at Kendirli
- 1 on the 22nd May at the lagoon of Zhangaözen Water Station
- 1 on the 24th May at Kendirli
- 1 on the 2nd June at Aktau city centre

Blyth's Reed Warbler Acrocephalus dumetorum (3) (23)

Migrating species from the 1st to the 27th May in steppe of Fetisovo Plateau, Bozashchy and Kendirli. Observation of amazing falls of birds some mornings at Kendirli:

- at least 100 birds on the 6th May
- 200 birds on the 17th May
- 38 on the 23rd May
- 25 on the 24th May

Marsh Warbler Acrocephalus palustris (3) (9)

Uncommon migrating species from the 30^{th} April to the 23^{rd} May at Kendirli. Maximum 3 birds on the 3^{rd} May.

Great Reed Warbler Acrocephalus arundinaceus (3) (6)

Uncommon migrating species from the 7th to the 29th May:

- 1 bird on the 7th May at Kendirli
- 1 bird on the 16th May at Kendirli
- 1 bird on the 20th May at Kendirli
- 2 birds on the 23rd May at Kendirli
- 1 bird on the 27th May at Kendirli
- 1 bird on the 29th May at Aktau city centre

Clamorous Reed Warbler Acrocephalus stentoreus (3 and 4) (5)

Uncommon migrating species from the 3rd to the 24th May at Kendirli:

- 1 on the 3rd May
- 1 on the 15th May
- 3 on the 17th May
- 1 at Kendirli and 1 at the Fetisovo Peninsula on the 24th May

One observation of possible breeding birds:

- 4 singing birds in reed beds on the 22nd May at the lagoon of Zhangaözen Water Station.

Booted Warbler Hippolais caligata (3) (3)

Uncommon migrating species: 5 males singing at Bozashchy from the 9th to the 11th May.

Sykes's Warbler *Hippolais rama* (5) (20)

Breeding species at Kendirli seaside resort: first observation of 3 singing males on the 3rd May. Maybe 5 different pairs breed at Kendirli and its Water Station. One pair builds his nest on the 12th May. Also, 4 singing males and 2 other birds at Bozashchy on the 9th and 10th May, one singing male at Fetisovo Peninsula on the 23rd May, one singing male at Senek on the 25th May and 1 singing male on the 29th May at Aktau city centre.

Eastern Olivaceous Warbler Hippolais pallida (3) (5)

Uncommon migrating species from the 15th to the 24th May at Kendirli and Fetisovo Peninsula. No more than one bird per observation.

Willow Warbler Phylloscopus trochilus (3) (66)

Subspecies *acredula* is common in migration from the 20th April to the 27th May at Fetisovo Plateau, Bozashchy, Kendirli, Zhangaözen, Beket Ata. Daily observed from the 5th to the 18th May. Maximum 37 birds at Fetisovo Plateau on the 14th May.

Subspecies *yakutensis* has been possibly observed two times at Kendirli on the 17th and 23rd May, but without measurements. No more than one bird.

Common Chiffchaff Phylloscopus collybita (3) (56)

Subspecies *abietinus* is common in migration from the 2nd April to the 27th May in steppe of Fetisovo Plateau and at Kendirli. Two records at Bozashchy on the 8th and 10th May. Almost daily observed from the 12th April to the 10th May. Maximum 10 birds on the 29th April at Kendirli.

Records of subspecies tristis/fulvescens:

- one bird on the 24th, 29th and 30th April, and 6th May at Kendirli
- one bird on the 8th and 10th May at Bozashchy

Greenish Warbler Phylloscopus trochiloides (3) (11)

Uncommon migrating species from the 12th to the 27th May at Kendirli. Also one record at Vpadina Kaundy on the 17th May. Maximum 3 birds on the 20th and 24th May at Kendirli and its Water Station.

Blackcap Sylvia atricapilla (3) (4)

Uncommon migrating species from the 3rd to the 15th May:

- 1 male on the 3rd and 4th May at Kendirli
- 1 male on the 7th May at Kendirli
- 1 bird on the 15th May in steppe of Fetisovo Plateau.

Garden Warbler Sylvia borin (3) (16)

Migrating species from the 30th April to the 27th May at Kendirli. One sighting on the 14th May in steppe of Fetisovo Plateau, one on the 25th May at Beket Ata. Maximum of 7 birds on the 24th May at Kendirli and its Water Station.

Barred Warbler Sylvia nisoria (3) (6)

Uncommon migrating species from the 6th to the 27th May at Kendirli:

- 1 male on the 6th May
- 1 male on the 12th May
- 1 male and 1 female on the 16th May
- 1 female on the 17th May (the same?)
- 1 male and 1 female on the 20th May
- 1 female on the 27th May

Lesser Whitethroat Sylvia curruca (3) (20)

Subspecies unknown (9): first sighting on the 19th April, last on the 7th May

Subspecies *blythi* (4): migrating from the 6^{th} to the 19^{th} May in steppe of Fetisovo Plateau and Kendirli. Maximum of 2 birds on the 6^{th} and 7^{th} May at Kendirli.

Subspecies *halimodendri* (7) has been observed from the 24th April to the 9th May:

- 1 pair on the 24th April at Kendirli
- 1 male on the 29th April at Kendirli
- 1 male on the 29th April in steppe of Fetisovo Plateau
- 1 male on the 30th April at Kendirli
- 1 bird on the 1st May at Kendirli
- 1 bird on the 2nd May in steppe of Fetisovo Plateau
- 2 birds and 1 male on the 9th May in steppe of Bozashchy.

Asian Desert Warbler Sylvia nana (5) (15)

Breeding species in steppe of Fetisovo Plateau: 1 pair feeding on the 30th April 4 km north of Fetisovo. Also sightings from the 13th April to the 22nd May in steppe of Fetisovo Plateau and Bozashchy.

Common Whitethroat Sylvia communis (3) (18)

Migration species from the 23rd April to the 27th May in steppe of Fetisovo Plateau, Bozashchy, Kendirli, Fetisovo Peninsula, Toqmaq Cap. Maximum of 2 birds on the 14th in steppe of Fetisovo (one pair) and the 20th May at Kendirli.

Eurasian Penduline Tit Remiz pendulinus (3) (1)

Uncommon migrating species: one sighting on the 26th March at Kendirli.

Bearded Parrotbill Panurus biarmicus (3) (2)

Uncommon migration species (or maybe wintering?): two sightings at Kendirli on the 24th and 25th March.

(Photo: Jonathan Ollivier)



Eurasian Golden Oriole Oriolus oriolus (3) (31)

Migrating species from the 1st to the 29th May at Fetisovo Plateau, Bozashchy, Kendirli, Toqmaq Cap, Beket Ata. Almost daily observed from the 11th to the 29th May. Maximum of 7 birds on the 23rd May in steppe of Fetisovo Plateau and Kendirli.

Red-backed Shrike Lanius collurio (3) (46)

Common migrating species from the 29th April to the 24th May at Fetisovo Plateau, Bozashchy, Kendirli, Fetisovo Peninsula and Toqmaq Cap. Almost daily observations from the 3rd to the 24th May. Maximum of 7 birds on the 16th May at Fetisovo Plateau and Kendirli.

Long-tailed Shrike *Lanius schach* (3) (1)

Uncommon migrating species: 1 male on the 7th May at a cemetery of Bozashchy (44°59'N; 52°22'E). Not seen the days after.

(photo: Jonathan Ollivier)



Lesser Grey Shrike Lanius minor (4) (19)

Probably breeding species around Fetisovo: 2 pairs into suitable habitat at Kendirli and Fetisovo Peninsula from the 7th to the 27th May (end of the trip).

First sighting on the 29th April and species seen also in steppe of Fetisovo Plateau and Bozashchy.

Steppe Grey Shrike Lanius meridionalis pallidirostris (5) (64)

Common breeding species in steppe of Fetisovo Plateau and Bozashchy. Also breeding pairs at Fetisovo Peninsula: 1 family with 3 juveniles on the 24th May.

Western Jackdaw Corvus monedula soemmerringii (3) (1)

Uncommon migrating species: 1 on the 27th May at Kendirli Water Station.

Rook Corvus frugilegus (4) (80)

A group of 40 to 50 birds use to daily visit Kendirli from the 23rd March to the 7th May. It begins to be seldom after this date: only few birds observed on the 15th, 16th and 4 birds on the 19th May.

Also one sighting comes from Bozashchy on the 5th May and another from the west border of Ustjurt Nature Reserve on the 25th May.

Carrion Crow Corvus corone orientalis (3) (4)

Uncommon migrating species:

- one sighting on the 23rd March at Kendirli
- one sighting on the 31st March at Kendirli
- one sighting on the 12th April at Kendirli
- one bird on the 19th May at Fetisovo Peninsula

Hooded Crow Corvus cornix (3) (17)

Migrating species from the 23rd March to the 18th May, mainly at Kendirli, but seen also at Bozashchy and Zhangaözen.

Brown-necked Raven Corvus ruficolis (4) (4)

- one male flying on his back and shout at Vpadina Kaundy on the 2nd May;
- one bird landed on the edge of the road Zhangaözen Fetisovo (close to Zhangaözen), on the 6th May;
- probably two pairs (one flying and shouting) at west border of Ustjurt Nature Reserve on the 25th and 26th May.

Common Raven Corvus corax (4) (11)

It is difficult to say if all these observations coming from Kendirli and the steppe of Fetisovo Plateau are really relative to the Common Raven or the Brown-necked Raven?

One bird flying in the mountain of Mangghystau Tauy north of Shetpe, on the 11th May, supposed to be the more reliable observation of this species during the trip.

Common Starling Sturnus vulgaris (3) (39)

Migrating species from the 23^{rd} March to the 14^{th} May. Daily observed between the 23^{rd} March to the 2^{nd} April.

Rose-coloured Starling Sturnus roseus (3) (47)

Common migrating species from the 30th April to the 28th May in the steppe of Fetisovo Plateau and at Kendirli. Daily observed. Maximum of 225 birds at Kendirli and its Water Station on the 7th May.



Rose-coloured Starling, ready to roost for the night in *Ulmus sp.* at Kendirli Water Station, on the 7th May (photo: Arnaud Le Nevé).

House Sparrow Passer domesticus (5) (73)

Subspecies domesticus: breeding birds at Kendirli. Maximum of 20 House Sparrow on the 24th April.

Subspecies *bactrianus*: probably breeding at Kendirli Water Station but no more than 4 males and 1 female together. Moreover, a colony of 10 pairs has been found on the 25th May in a cliff of the west border of Ustjurt Nature Reserve (43°09'N; 54°03'E).

Spanish Sparrow Passer hispaniolensis (3) (6)

End winter migrating species at Kendirli:

- one sighting on the 24th March
- one sighting on the 26th March
- one sighting on the 28th March
- one sighting on the 6th April
- one sighting on the 12th April
- 1 male on the 24th May (late bird) at Kendirli Water Station

Eurasian Tree Sparrow Passer montanus (3) (1)

Uncommon migrating species:

- 1 on the 13th May, feeding with House Sparrows seeds on the ground at Kendirli.

Rock Sparrow Petronia petronia kirhizica (5) (24)

First observation on the 7^{th} April. At least, 10 breeding pairs at Vpadina Kaundy ($42^{\circ}50^{\circ}$; $53^{\circ}01^{\circ}E$) on the 17^{th} May and on the west border of Ustjurt Nature Reserve ($43^{\circ}20^{\circ}N$; $54^{\circ}33^{\circ}E$) on the 25^{th} May. Daily observations from the 13^{th} May at Kendirli Water Station where birds come to drink when the sun is high.

Common Chaffinch Fringilla coelebs (3) (42)

Common end winter migrating species, from the 24th March to the 10th May, mainly at Kendirli. Daily observed from the 24th March to the 8th April.

Brambling Fringilla montifringilla (3) (19)

Migrating species from the 24^{th} March to the 3^{rd} May at Kendirli. Maximum of 10 birds on the 24^{th} March, 22^{nd} and 23^{rd} April.

Common Greenfinch Carduelis chloris (3) (2)

Uncommon migration species:

- one sighting at Kendirli on the 27th March
- one male at Kendirli on the 1st May

Eurasian Siskin Carduelis spinus (3) (11)

Migration species from the 24th March to the 3rd May, at Kendirli. Maximum of 10 birds on the 24th March.

Common Linnet Carduelis cannabina (3) (3)

Uncommon end winter migrating species:

- one sighting at Kendirli on the 23rd March
- one sighting in steppe of Fetisovo Plateau on the 25th March
- one sighting in steppe of Fetisovo Plateau on the 6th April

Desert Finch Rhodopechys obsoleta (5) (20)

Breeding:

- 1 pair with 3 juveniles at Beket Ata on the 26th May
- 1 pair with 1 juvenile at Kendirli on the 27th May

Species observed from the 12th April to the 28th May. Only seen around Fetisovo, Kendirli and at Beket Ata.

Trumpeter Finch Bucanetes githaginea (3) (1)

Uncommon migrating species: one sighting in steppe of Fetisovo Plateau on the 31st March.

Common Rosefinch Carpodacus erythrinus (3) (42)

Common migrating species from the 30th April to the 27th May at Kendirli. Maximum of 115 birds on the 7th May at Kendirli and its Water Station.

Hawfinch Coccothraustes coccothraustes (3) (9)

Three periods of sightings:

- birds between the 4th and the 7th April at Kendirli
- 1 pair between the 25th April and the 1st May at Kendirli and its Water Station
- 1 pair on the 12th May at Kendirli Water Station

Pine Bunting Emberiza leucocephalos (3) (1)

Uncommon migrating species: 1 female on the 23rd April at Kendirli, feeding seeds on the ground with Yellowhammers.

Yellowhammer Emberiza citrinella (3) (7)

Uncommon migrating species:

- one sighting in steppe of Fetisovo Plateau on the 22nd, 23rd and 25th April
- one sighting at Kendirli on the 22nd April
- 1 female and 1 immature at Kendirli on the 23rd and 24th April
- 1 female at Kendirli on the 26th April

Ortolan Bunting Emberiza hortulana (3) (27)

Common migrating species from the 17th April to the 24th May in steppe of Fetisovo Plateau, Bozashchy and Kendirli. Maximum of 7 birds on the 2nd May in steppe of Fetisovo Plateau.

Rustic Bunting Emberiza rustica (3) (2)

Uncommon migrating species at Kendirli:

- 1 bird on the 31st March and the 1st April

Common Reed Bunting Emberiza schoeniclus (3) (6)

Uncommon migrating species from the 26th March to the 23rd April at Kendirli.

Red-headed Bunting Emberiza bruniceps (5) (49)

Species observed since the 2^{nd} May and daily observed since this day. Breeding at Kendirli: several pairs. Maximum of 8 birds on the 12^{th} May at Kendirli.

Also the Red-headed Bunting has been observed at Bozashchy, Toqmaq Cap, Beket Ata and Aktau.

Black-headed Bunting Emberiza melanocephala (3) (2)

Uncommon migrating species:

- 1 male on the 1st May at Kendirli
- 1 male on the 18th May in steppe near Vpadina Kaundy

Corn Bunting Miliaria calandra (3 and 5) (13)

Breeding: one breeding pair at Kendirli observed from the 12th to the 30th May (end of the trip).

Migrating birds at Kendirli:

- 8 birds on the 22nd April
- 1 bird on the 23rd April
- 1 bird on the 6th May

Birds' synthesis Almaty Province Trip, on May 30th and between June 3rd and 6th 2009

Date	Scientific name	English name	Location	Comments
04/06/2009	Ciconia nigra	Black Stork	Kolsai National Park	
03/06/2009	Tadorna ferruginea	Ruddy Shelduck	Dolina Zamkov (Sharyn National Park)	Pair with ducklings
04/06/2009	Tadorna ferruginea	Ruddy Shelduck	Kolsai National Park	2 pairs with ducklings
05/06/2009	Tadorna ferruginea	Ruddy Shelduck	Kaïndy Lake	
05/06/2009	Anas platyrhynchos	Mallard	Kaïndy Lake	
30/05/2009	Gyps fulvus	Eurasian Griffon Vulture	Almaty Lake	
04/06/2009	Gypaetus barbatus	Lammergeier	Kolsai National Park	Adult
03/06/2009	Neophron percnopterus	Egyptian Vulture	Dolina Zamkov (Sharyn National Park)	
03/06/2009	Aquila nipalensis	Steppe Eagle	Sogety Mountains	
04/06/2009	Aquila pennata	Booted Eagle	Kolsai National Park	
05/06/2009	Aquila pennata	Booted Eagle	Almaty Province	
03/06/2009	Milvus migrans lineatus	Black eared Kite	Dolina Zamkov (Sharyn National Park)	
04/06/2009	Milvus migrans lineatus	Black eared Kite	Kolsai National Park	
05/06/2009	Milvus migrans lineatus	Black eared Kite	Kaïndy Lake	
03/06/2009	Buteo rufinus	Long-legged Buzzard	Sogety Mountains	
03/06/2009	Falco tinnunculus	Common Kestrel	Sogety Mountains	
05/06/2009	Falco tinnunculus	Common Kestrel	Almaty Province	
04/06/2009	Falco subbuteo	Eurasian Hobby	Kolsai National Park	Pair
05/06/2009	Falco subbuteo	Eurasian Hobby	Kaïndy Lake	Pair
30/05/2009	Falco columbarius pallidus	Merlin	Almaty Lake	
03/06/2009	Alectoris chukar	Choukar	Sogety Mountains	
04/06/2009	Crex crex	Corn Crake	Kolsai National Park	Heard
05/06/2009	Crex crex	Corn Crake	Kaïndy Lake	Heard
05/06/2009	Grus virgo	Demoiselle Crane	Almaty Province	5 birds
04/06/2009	Actitis hypoleucos	Common Sandpiper	Kolsai National Park	
03/06/2009	Columba livia	Rock Pigeon	Saty	
03/06/2009	Apus apus	Common Swift	Sogety Mountains	
04/06/2009	Apus apus	Common Swift	Kolsai National Park	
03/06/2009	Merops apiaster	European Bee-eater	Dolina Zamkov (Sharyn National Park)	
05/06/2009	Merops persicus	Blue-cheeked Bee-eater	Almaty Province	
03/06/2009	Coracias garrulus	European Roller	Sogety Mountains	
05/06/2009	Upupa epops	Eurasian Hoopoe	Almaty Province	
29/05/2009	Ptyonoprogne rupestris	Eurasian Crag Martin	Almaty city centre	
03/06/2009	Hirundo rustica	Barn Swallow	Dolina Zamkov (Sharyn National Park)	
05/06/2009	Hirundo rustica	Barn Swallow	Kaïndy Lake	
03/06/2009	Delichon urbicum	Northern House-Martin	Dolina Zamkov (Sharyn National Park)	
04/06/2009	Alauda arvensis	Eurasian Skylark	Kolsai National Park	
05/06/2009	Anthus trivialis	Tree Pipit	Kaïndy Lake	
03/06/2009	Motacilla alba	White Wagtail	Sogety Mountains	ļ
04/06/2009	Motacilla cinerea	Grey Wagtail	Kolsai National Park	Female
30/05/2009	Cinclus cinclus	White-throated Dipper	Almaty Lake	
05/06/2009	Prunella atrogularis	Black-throated Accentor	Kaïndy Lake	_
04/06/2009	Troglodytes troglodytes	Winter Wern	Kolsai National Park	+
30/05/2009	Luscinia pectoralis	White-tailed Rubythroat	Almaty Lake	+
30/05/2009	Phoenicurus erythronotus	Eversmann's Redstart	Almaty Lake	_
30/05/2009	Phoenicurus coeruleocephala	Blue-capped Redstart	Almaty Lake	+
04/06/2009	Phoenicurus coeruleocephala	Blue-capped Redstart	Kolsai National Park	+
05/06/2009	Phoenicurus coeruleocephala	Blue-capped Redstart	Kaïndy Lake Dolina Zamkov (Sharyn National Park)	+
03/06/2009	Saxicola torquatus maurus	Siberian Stonechat		+
04/06/2009	Saxicola torquatus maurus	Siberian Stonechat	Kolsai National Park	+
	Oenanthe isabellina	Isabelline Wheatear	Dolina Zamkov (Sharyn National Park)	+
05/06/2009	Oenanthe isabellina	Isabelline Wheatear	Almaty Province	+
03/06/2009	Oenanthe pleschanka	Pied Wheatear	Dolina Zamkov (Sharyn National Park)	+
04/06/2009	Turdus merula	Common Blackbird	Kolsai National Park	+
05/06/2009	Turdus merula	Common Blackbird	Kaïndy Lake Dolina Zamkov (Sharyn National Park)	+
03/06/2009	Turdus viscivorus Turdus viscivorus	Mistle Thrush	Kolsai National Park	+
30/05/2009		Mistle Thrush Rlue Whistling Thrush		+
30/05/2009	Myophonus caeruleus	Blue Whistling Thrush	Road to Almaty Lake	+
04/06/2009	Sylvia communis	Common Whitethroat	Kolsai National Park	

05/06/2009	Sylvia communis	Common Whitethroat	Kaïndy Lake
30/05/2009	Sylvia althaea	Hume's Whitethroat	Almaty Lake
04/06/2009	Phylloscopus trochiloides	Greenish Warbler	Kolsai National Parks
05/06/2009	Phylloscopus trochiloides	Greenish Warbler	Kaïndy Lake
04/06/2009	Phylloscopus humei	Hume's Leaf-warbler	Kolsai National Park
30/05/2009	Regulus regulus	Goldcrest	Almaty Lake
03/06/2009	Muscicapa striata	Spotted Flycatcher	Dolina Zamkov (Sharyn National Park)
05/06/2009	Parus major	Great Tit	Kaïndy Lake
04/06/2009	Parus cyanus	Azure Tit	Kolsai National Park
03/06/2009	Lanius isabellinus	Isabelline Shrike	Dolina Zamkov (Sharyn National Park)
04/06/2009	Lanius isabellinus	Isabelline Shrike	Kolsai National Park
03/06/2009	Lanius minor	Lesser Grey-shrike	Almaty Province
03/06/2009	Pica pica	Eurasian Magpie	Sogety Mountains
04/06/2009	Pica pica	Eurasian Magpie	Kolsai National Park
03/06/2009	Corvus frugilegus	Rook	Sogety Mountains
04/06/2009	Corvus corone	Carrion Crow	Kolsai National Park
05/06/2009	Corvus corone	Carrion Crow	Kaïndy Lake
03/06/2009	Sturnus vulgaris	Common Starling	Dolina Zamkov (Sharyn National Park)
05/06/2009	Sturnus vulgaris	Common Starling	Almaty Province
03/06/2009	Acridotheres tristis	Common Myna	Sogety Mountains
04/06/2009	Acridotheres tristis	Common Myna	Kolsai National Park
05/06/2009	Acridotheres tristis	Common Myna	Kaïndy Lake
04/06/2009	Serinus pusillus	Red-fronted Serin	Kolsai National Park
05/06/2009	Serinus pusillus	Red-fronted Serin	Kaïndy Lake
03/06/2009	Carduelis cannabina	Common Linet	Dolina Zamkov (Sharyn National Park)
04/06/2009	Carduelis cannabina	Common Linet	Kolsai National Park
03/06/2009	Carduelis carduelis	European Goldfinch	Saty
04/06/2009	Carduelis carduelis	European Goldinch	Kolsai National Park
05/06/2009	Carduelis carduelis	European Goldinch	Kaïndy Lake
30/05/2009	Leucosticte nemoricola	Plain Mountain Finch	Almaty Lake
04/06/2009	Carpodacus erythrinus	Common Rosefinch	Kolsai National Park
05/06/2009	Carpodacus erythrinus	Common Rosefinch	Kaïndy Lake
30/05/2009	Carpodacus rhodochlamys	Red-mantled Rosefinch	Almaty Lake
03/06/2009	Emberiza buchanani	Grey-necked Bunting	Dolina Zamkov (Sharyn National Park)
04/06/2009	Emberiza buchanani	Grey-necked Bunting	Kolsai National Park
03/06/2009	Emberiza leucocephalos	Pine Bunting	Dolina Zamkov (Sharyn National Park)
04/06/2009	Emberiza leucocephalos	Pine Bunting	Kolsai National Park
04/06/2009	Emberiza cia	Rock Bunting	Kolsai National Park
03/06/2009	Emberiza bruniceps	Red-headed Bunting	Sogety Mountains
05/06/2009	Emberiza bruniceps	Red-headed Bunting	Almaty Province
03/06/2009	Miliaria calandra	Corn Bunting	Dolina Zamkov (Sharyn National Park)



Pine Bunting (photo: Jonathan Ollivier)

Mammals

Mangghystau Trip 23rd March to 2nd June 2009

Caspian Seal Pusa caspia

First sighting on the 24th March, the second one in April, then regularly observed from the shore at Fetisovo Peninsula, Kendirli and the Toqmaq Cap in May, swimming or sleeping on their back at the sea surface. Maximum 20 seals fishing together at Toqmaq Cap on the 24th May.

Saiga Antelope Saiga tatarica tatarica

Only seen at Bozashchy, but each day. Only females alone or little flocks. Maximum of 16 Saïga on the 5th May. One young discovered on May 8th.

Young discovered on May 8th at Bozashchy (photo: Christophe Gouraud).



Argali sp. Ovis sp.

One on the 1st May in the east of the Fetisovo Plateau.

(Photo: Francis Morlon)



Goitered Gazelle Gazella subgutturosa

First sighting on the 4th April, 4 pregnant females in the east of Vpadina Zhazgurli and Vpadina Pazgurli (more east than the map 1.a).

Common at Bozashchy. One female give birth to a young on Fetisovo Plateau in May (observed pregnant then with its young).

Caracal Caracal caracal

Four observations of 2 Caracals together or 1 animal, always in the same area on Fetisovo Plateau.

Sand Cat Felis margarita

Around 10 observations on Fetisovo Plateau.

(Photo: Jonathan Ollivier, on the 9th April)



Steppe Polecat Mustela eversmannii

One dead animal on the 19th April on the road Zhangaözen – Fetisovo.

Wolf Canis lupus

Several observations of one or two Wolves together on Fetisovo Plateau and Toqmaq Cap.

(Photo: Jonathan Ollivier, on the 18th April)



Red Fox Vulpes vulpes

Common mammals in the steppe of Fetisovo Plateau.

(Photo: Arnaud Le Nevé, on the 14th May).



Corsax Fox Vulpes corsac

Uncommon mammals in the steppe of Fetisovo Plateau (photo: Andreï Villaeïev, on April 6th).



Spermophilus fulvus

Very common mammal both at Fetisovo Plateau and Bozashchy.

Young Ground Squirrel (Souslik) on April 30th at Fetisovo Plateau (photo: Christophe Gouraud).



Brandt's Hedgehog Paraechinus hypomelas

Few observations of this species at Fetisovo Plateau.

Allactaga sp.

One observation at Fetisovo Plateau on March 30th. This Jerboa could be a Small Five-toed Jerboa (*Allactaga elater*).

(Photo: Christophe Gouraud)



Great Gerbil Rhombomys opimus

At least on the 7th May at Bozashchy.

(Photo: Jean-Marc Chavatte)



Tolai Hare Lepus tolai

Several observations in the steppe of the Fetisovo Plateau. Sympatry between *L. europaeus* and *L. capensis* in Kazakhstan has been documented with no evidence of hybridation (http://www.bucknell.edu/msw3/browse.asp?s=y&id=13500139). Tolai Hare is the most common *Lepus* species in the area covered in this report.

Tolai Hare on April 4th at Fetisovo Plateau (photo: Christophe Gouraud).



Reptiles and amphibians Mangghystau Trip 23rd March to 2nd June 2009

Green Toad Pseudepidalea viridis

One sighting at Bozashchy of a young Green Toad on May 11th (photo: Arnaud Le Nevé). Unidentified croaks at the Water Station of Kendirli.



Horsfield's Tortoise Agrionemys horsfieldii

Common tortoise in the steppe of Fetisovo Plateau and Bozashchy.





An adult on April 25th (Photo: Andreï Villaeïev)

A young on April 25th (Photo: Christophe Gouraud)

Cyrtopodion (Tenuidactylus) caspium

This gecko seems to be *Cyrtopodion (Tenuidactylus) caspium*?

(Photo: Arnaud Le Nevé on May 20th at Kendirli Water Station)



Cyrtopodion (Mediodactylus) russowii

This gecko seems to be *Cyrtopodion (Mediodactylus) russowii*?





Eremias arguta

Only seen at Bozashchy.

(Photo: Arnaud Le Nevé on May 10th)



Eremias velox

Records at Kendirli and Bozashchy.

(Photo: Arnaud Le Nevé on May 10th)



Phrynocephalus mystaceus

One sighting at Bozashchy.

(Photo: Arnaud Le Nevé on May 9th)



Phrynocephalus sp.

One sighting near the Ustjurt Nature Reserve at the location $43^{\circ}09^{\circ}N$; $54^{\circ}03^{\circ}E$.

(Photo: Arnaud Le Nevé, on May 25th)



Trapelus agilis sanguinolentus

Common at Kendirli and Fetisovo Plateau (photo: Jonathan Ollivier, on April 14th).





Trapelus agilis sanguinolentus on May 24th at Fetisovo Peninsula (photo: Arnaud Le Nevé).



Trapelus agilis sanguinolentus on May 12th at Fetisovo Plateau (photo: Andreï Villaeïev)

Eryx miliaris

Few records on Fetisovo Plateau.

(Photo: Arnaud Le Nevé on May 18th)



Elaphe quatuorlineata

Common snake in the steppe of Fetisovo Plateau.

Subspecies *quatuorlineata* on May 5th at the Fetisovo Plateau (Photo: Christophe Gouraud).





Subspecies *sauronates* on May 2nd at the Fetisovo Plateau (Photo: Christophe Gouraud).

Natrix tessellata

Common snake at Kendirli and along the Caspian coast. Easy to sea hunting and eating fishes in the Caspian Sea.

One melanistic form seen at Kendirli.

(Photo: Arnaud Le Nevé on April 30th at Kendirli)



Psammophis schokari

Few records on Fetisovo Plateau.

(Photo: Arnaud Le Nevé, on April 27th)



Halys Viper Gloydius (Agkistrodon) halys

At least two records: one on Fetisovo Plateau and one at Bozashchy.

(Photo: Arnaud Le Nevé on May 10th at Bozashchy)



Invertebrates

Mangghystau Trip 23rd March to 2nd June 2009

Buprestidae

Julodis variolaris freygessneri

Few records on Fetisovo Plateau, at Bozashchy and near the Ustjurt Nature Reserve.

Photo: Arnaud Le Nevé, on May 18th at Vpadina Kaundy.



Cerambycidae

Neoplocaederus scapularis

Common near the Ustjurt Nature Reserve at the location 43°09'N; 54°03'E, on May 25th. Also, seen in the east of Vpadina Kaundy.

(Photo: Arnaud Le Nevé).



Scarabaeidae

Scarabeus winckleri

Hundreds at Bozashchy but only few individuals at Fetisovo Plateau.

Onitis humerosus

Few individuals at Fetisovo Plateau.