

“ACBK Centre for Conservation Biology” LLP

Biodiversity baseline field surveys within Mirny Project to identify the level of biodiversity value, main direct or indirect impacts to the local flora and fauna that could result from the proposed Project and determine possible mitigation measures during September 2024-August 2025

Final report

for September 2024 – August 2025



Almaty, 2025

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Introduction

The work was carried out by "ACBK Centre for Conservation Biology" LLP in accordance with the agreement with Total Eren No. 01 dated September 01, 2024 **"Biodiversity baseline field surveys within Mirny Project to identify the level of biodiversity value, main direct or indirect impacts to the local flora and fauna that could result from the proposed Project and determine possible mitigation measures during September 2024-August 2025"**.

Research had to be conducted in accordance with International Finance Corporation (IFC) Performance Standards (PS), Equator Principals IV, National Legislative Requirements of Kazakhstan, Bird Life South Africa Guidance.

This interim report summarizes the information obtained from field surveys in the project area in September 2024 – August 2025. Project area was established in 2024 on the basis of new layout of the turbines.

Area for the survey and the turbine layout as of September 2024 is shown in Fig. 1.

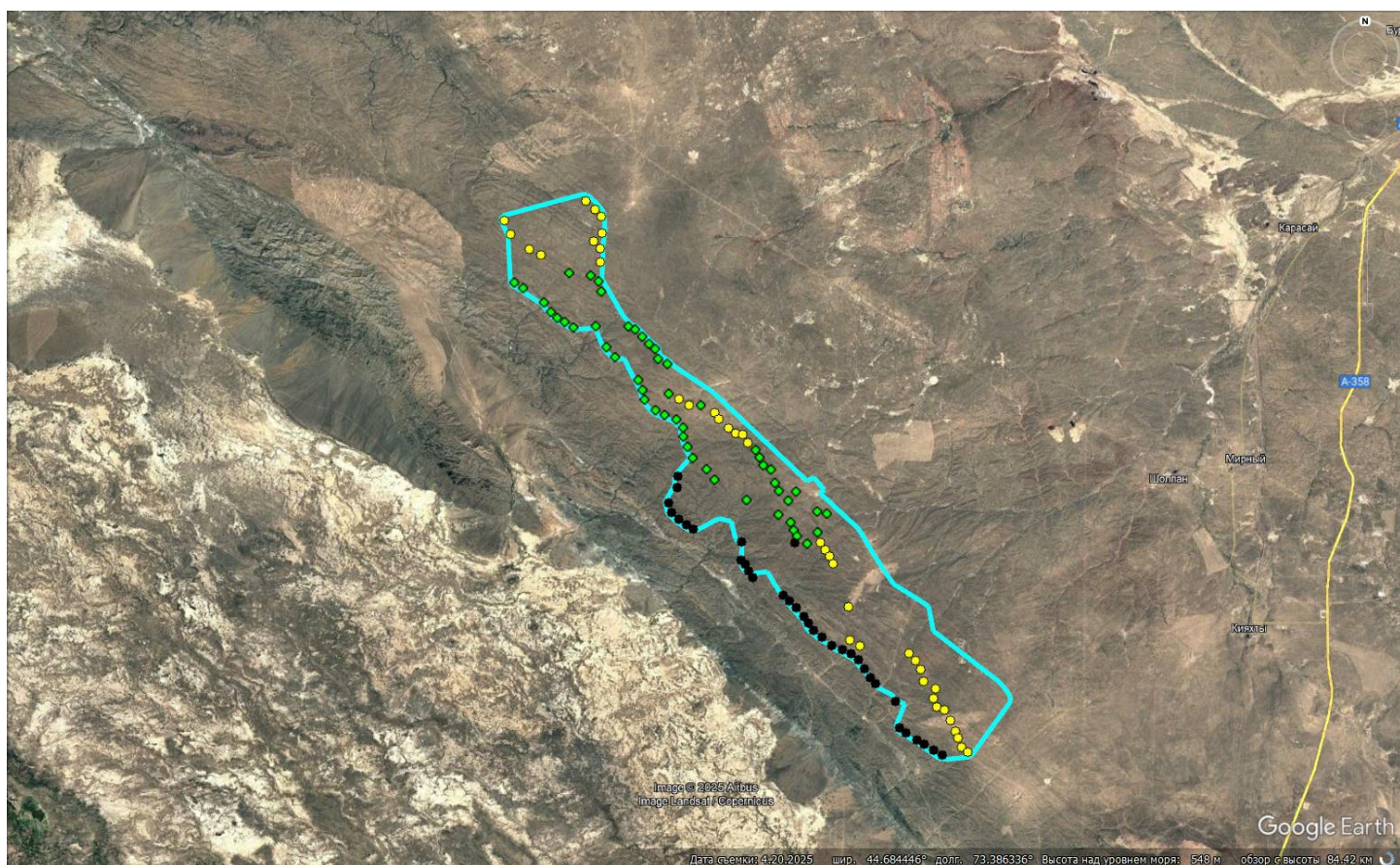


Fig. 1. Area for the survey and the turbine layout plan as of autumn 2024.

For different biodiversity components, in accordance with different data collection methods and different requirements for the volume of material, the degree of coverage was different. Study and data collection on insects, bats, plants and turtles supplemented by data obtained in 2023-2024 as a result of research on the previous version of the site ("southern area", or Area 2"). The survey periods for the biodiversity components are presented in Table 1.

Table 1. Coverage of turbine layout by different types of studies

| Species / Taxonomic group | 2024 | 2025 |
|--|----------------------------|------------------------|
| Argali | September 23 – December 22 | January 18 – August 14 |
| Invertebrates | – | June 18 – June 25 |
| Bats | – | July 18 - July 23 |
| Plants | – | June 12 – June 18 |
| Birds, migrating or locally moved (VP) | September 23 – December 22 | January 18– August 14 |
| Birds, breeding (nests and transects) | September 23 – December 22 | January 18– August 14 |
| Turtles | – | April 11 – August 14 |
| Other species | September 23 – December 22 | January 18 – August 14 |

More detailed information on the coverage of the territory by observations is presented in the sections on the relevant scope of work.

The information is presented by the directions in which research was conducted, according to the Terms of Reference for the project.

1 General characteristics of the territory

Terrain and vegetation

The project area as a whole includes rubble piedmont plains and loamy plains with sparse saxaul forests, turning into xerophytic low mountains. The site lies entirely in the landscape zone of deserts.

Most of the northern section of the project area is occupied by plains with wormwood-saltwort vegetation and areas of saxaul forests. The southern section captures part of the Shu-Ilei low-mountain massif, which is a system of gentle ridges with leveled surfaces, sharply limited by steep slopes, and canyon-like valleys along watercourses. In the mountains, shrub thickets of meadowsweet (*Spiraea sp.*) and others are well developed; an abundance of cereals, legumes, and onions is characteristic, providing excellent food conditions for both ungulates and birds. Along the river beds, the most typical are *Haloxylon aphyllum*, *Tamarix sp.*, *Atriplex caragana*, *Eurotia ceratoides*, *Nitraria schoberi*, *Artemisia sp.*, *Limonium sp.*, etc.

Preliminarily, in the course of field work in April-May, 5 main types of habitats were identified:

- xerophytic rocky low mountains
- outputs of flat granite slabs
- valley saxaul forests
- sagebrush and sagebrush deserts on gently undulating plains
- gently sloping solonchak depressions on the plains.

Descriptions and classification of habitats will be refined after the analysis of satellite images with the allocation of ecosystem contours and ground verification with the participation of geobotanist.

Presence of wetlands

Water spills have been noted near the road - apparently, temporary drying up; all waders recorded by us were observed near them. A number of low-water rivers that dry up in summer are noted. In dry areas of the northern section of the project area, a large amount of salt remains.

Presence of power lines

There are no power lines in the project territory. There are sections of lines not far from the sites. Moreover, before the start of autumn work, eight vantage points were added near existing power lines located outside the project site. The purpose of data collection at these vantage points is similar to that of work at fixed points within the site. A detailed description of the work is presented in Chapter 2

2 Bird surveys

Bird surveys were conducted in the September 23 – August 14 (Table 2).

Table 2. Timing and participants of bird studies

| N | Dates | Participants |
|----|-------------------------|---|
| 1 | 23.09.2024 – 10.10.2024 | Satimetov S., Nukusbekov M., Amirekul K., Kisebaev T. |
| 2 | 17.10.2024 – 24.10.2024 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 3 | 12.06.2023 – 04.07.2023 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 4 | 08.11.2024 – 22.11.2024 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 5 | 19.12.2024 – 22.12.2024 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 6 | 10.02.2025 – 13.02.2025 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 7 | 19.03.2025 – 12.03.2025 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 8 | 23.03.2025 – 26.03.2025 | Satimetov S., Khrokov A., Amirekul K., Kisebaev T. |
| 9 | 11.04.2025 – 22.04.2025 | Satimetov S., Khrokov A., Amirekul K., Djaparov K., Belyaev A., Berdekulov B. |
| 10 | 04.05.2025 – 14.05.2025 | Kisebaev T., Belyaev A., Amirekul K., Tauanov Z., Amangeldiyev S., Duzenov B. |
| 11 | 13.06.2025 – 23.06.2025 | Kisebaev T., Belyaev A., Satimetov S., Tynysh R., Muhametkyzy A., Nurimanova D. |
| 12 | 18.07.2025 – 26.07.2025 | Alimgazin E., Kisebaev T., Amirekul K., Belyaev A., Khrokov A., Tynysh R. |
| 13 | 13.04.2024 – 06.05.2024 | Alimgazin E., Berdekulov B., Amirekul K., Belyaev A., Khrokov A., Tynysh R. Tauanov Z., |

The purpose of the field surveys was to conduct an ornithological survey of the project and adjacent territory, where the construction of a wind farm is planned. The surveys of the territory consisted in the search for nests of rare and endangered species of birds; the registration of birds on the migration was carried out, and the registration of birds at the vantage points (the longest and permanent part of the work). Additionally, findings of amphibians, reptiles and mammals were recorded, and, if possible, photographs of animals were taken. Some of the plant species were photographed.

The work was carried out entirely according to the methodology described in the Birds and Wind-Energy Best-Practice Guidelines (Compiled by: A.R. Jenkins, C.S. van Rooyen, J.J. Smallie, J.A. Harrison, M. Diamond, H.A. Smit-Robinson and S. Ralston).

During the field visit, a visual survey of landscapes, flora of higher plants and fauna of vertebrates of the project site for the placement of WPPs and the surrounding territory was carried out. Points for stationary observations (vantage points) were selected in December 2023 in accordance with new layout of turbines.

According to the methodological recommendations and the Terms of Reference, points for stationary observations (vantage points) were selected at project area in cooperation with WSP experts. The number of points on the areas had to be at least 30 in order to ensure the maximum possible coverage of the territory (at least 75%). The points were chosen taking into account accessibility, sufficient visibility, and the need to cover different types of landscapes. Since some of the vantage points from the spring 2024 survey fall within the current boundaries of the project site, it was decided to keep their location. They retained their previous names (24 selected points in the range M01-M32). In addition, six

additional observation points (P02, P06, P17, P24, X04, X05) were added to achieve 75% coverage. Photographs of the surrounding area were taken from the vantage points.

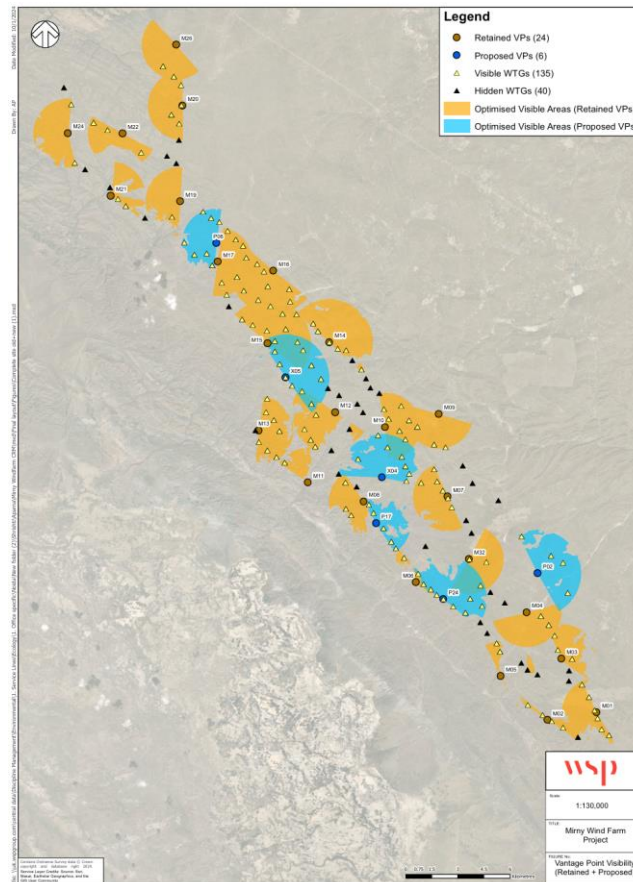


Fig. 2. Selected vantage points for project area

In addition, as mentioned above, ten vantage points were added near existing power lines located outside the project site (seven for autumn and winter surveys, 1 for spring survey and 2 vantage points as a replacement for two points out of original seven). These points were labeled as OHL_VP_1-10. Six vantage points of the total amount (OHL_VP_2-5; OHL_VP_9-10) are located nearby existing powerlines. The purpose of adding these vantage points is to collect data for collision risk modeling on the planned for construction power lines (the «North» line - to the electrical substation near the village of Ulken, the «South» line - to the electrical substation near the city of Shu, the «East» line - to the electrical substation near Kiyakhty).

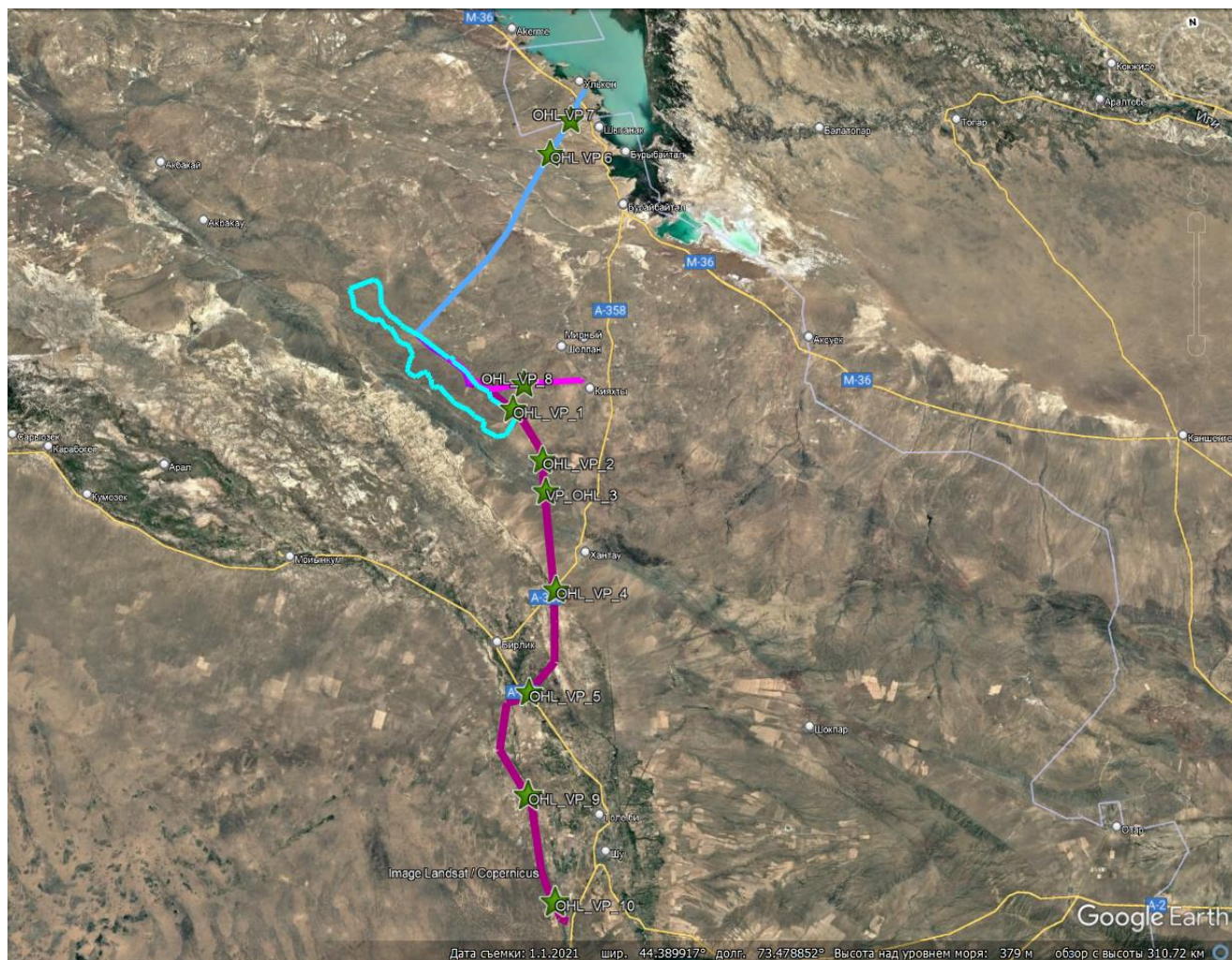


Fig. 3. Selected vantage points along planned powerlines (blue color – «North» line, pink color – «East line», purple color – «South» line

2.1 Autumn: September – November 2024

Scope and peculiarities of work

The work was carried out in three stages (Table 2), from the beginning of the active autumn migration to its end. It was completed on November 22; by this time, the migration of key groups in the south of Kazakhstan - birds of prey, bustards, cranes, etc. - ends, and only a few late-arriving passerines continue to fly in small numbers.

The collection of contextual data on migratory birds at the project sites has been carried out since spring 2023, some of which overlaps the current boundaries required for the final placement of the wind turbines. Data for the final option for the placement of the wind turbine has been collected specifically since March 2024, and this requires at least 12 continuous months of recording (a certain number of recording hours). A new cycle of work, after the approval of funding and the conclusion of an agreement with Aktas Energy LLC, began in September 2024. This report reflects the results obtained in the fall of 2024.

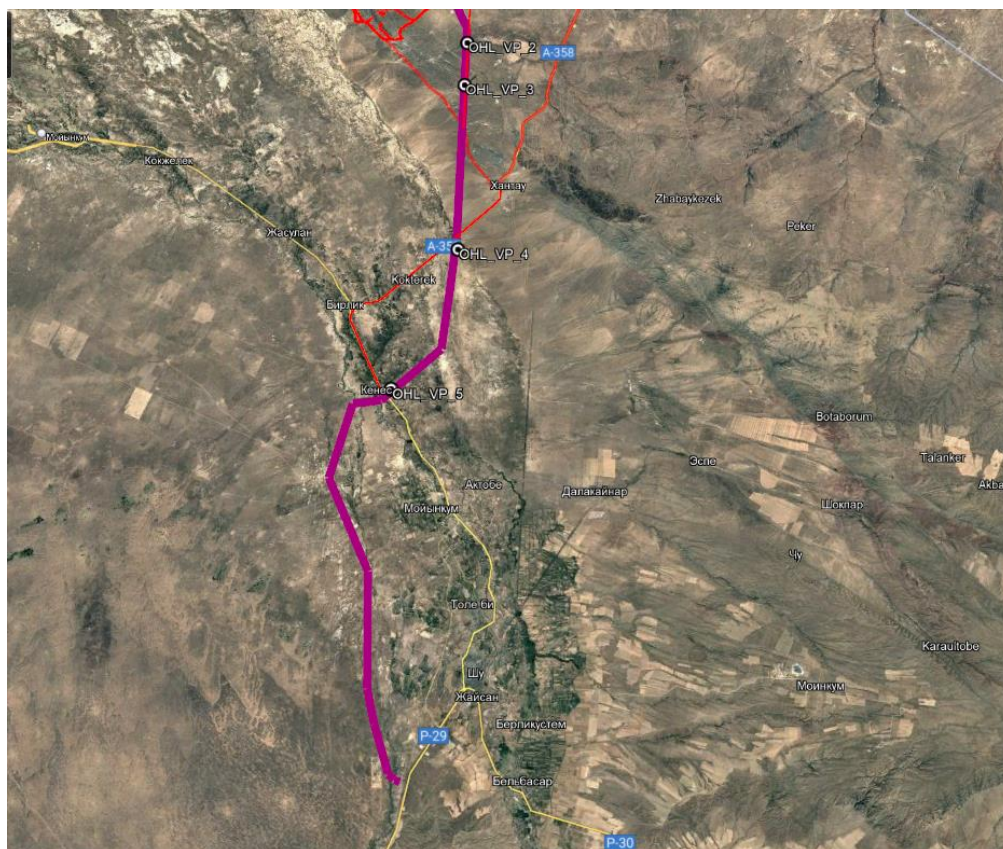


Fig.5. Scheme of routes and points of field survey of the wind farm site and power transmission line route, autumn 2024 (south)

Species composition of birds of prey.

In addition to local breeding species (long-legged buzzard *Buteo rufinus*, golden eagle *Aquila chrysaetos*, common kestrel *Falco tinnunculus*), a significant number of other species of birds of prey were observed migrating: steppe eagle *Aquila nipalensis*, short-toed eagle *Circus gallicus*, black kite *Milvus migrans*, white-tailed eagle *Haliaeetus albicilla*, common buzzard *Buteo*, harriers (pallid harrier *Circus macrourus*, hen harrier *Circus cyaneus*, Montagu's harrier *Circus pygargus*, marsh harrier *Circus aeruginosus*), sparrowhawk *Accipiter nisus*, hobby *Falco subbuteo*. The black vulture *Aegypius monachus*, imperial eagle *Aquila heliaca* and the saker falcon *Falco cherrug* were noted singly.

Density of birds of prey

The processed data allow us to judge to some extent the density of migration of birds of prey in certain ranges of distances and altitudes. For example, when recalculating the number of observed migratory individuals of the Falconiformes order per hour and per km², we can estimate the average migratory load of the surveyed territory (Table 3).

Table 3. Migration density of birds of prey according to various indicators (birds/hour, birds/km²)

| VP | Total number of observation | Total number of registered | The main direction of | Observation's polygon area, | Number of birds per 1 | Number of birds |
|----|-----------------------------|----------------------------|-----------------------|-----------------------------|-----------------------|-----------------|
| | | | | | | |

| | hours | raptors, ind. | flight | km ² | hour | per km ² |
|-----|-------|---------------|--------|-----------------|------|---------------------|
| M01 | 15 | 22 | SW | 12,56 | 1,5 | 1,8 |
| M02 | 18 | 28 | SWW | 12,56 | 1,6 | 2,2 |
| M03 | 15 | 13 | SW | 12,56 | 0,9 | 1,0 |
| M04 | 18 | 6 | SW | 12,56 | 0,3 | 0,5 |
| M05 | 18 | 33 | SW | 12,56 | 1,8 | 2,6 |
| M06 | 18 | 16 | SW | 12,56 | 0,9 | 1,3 |
| M07 | 15 | 14 | SW | 12,56 | 0,9 | 1,1 |
| M08 | 18 | 14 | SW | 12,56 | 0,8 | 1,1 |
| M09 | 15 | 14 | SWW | 12,56 | 0,9 | 1,1 |
| M10 | 15 | 58 | SW | 12,56 | 3,9 | 4,6 |
| M11 | 18 | 13 | SW | 12,56 | 0,7 | 1,0 |
| M12 | 15 | 115 | SW | 12,56 | 7,7 | 9,2 |
| M13 | 18 | 11 | SW | 12,56 | 0,6 | 0,9 |
| M14 | 12 | 13 | SSW | 19,63 | 1,1 | 0,7 |
| M15 | 18 | 5 | SW | 19,63 | 0,3 | 0,3 |
| M16 | 15 | 7 | SW | 19,63 | 0,5 | 0,4 |
| M17 | 12 | 7 | SW | 12,56 | 0,6 | 0,6 |
| M19 | 12 | 8 | SW | 12,56 | 0,7 | 0,6 |
| M20 | 12 | 11 | SW | 12,56 | 0,9 | 0,9 |
| M21 | 18 | 11 | SWW | 12,56 | 0,6 | 0,9 |
| M22 | 12 | 2 | W | 12,56 | 0,2 | 0,2 |
| M24 | 12 | 5 | SW | 12,56 | 0,4 | 0,4 |
| M26 | 12 | 7 | SW | 12,56 | 0,6 | 0,6 |
| M32 | 15 | 16 | SW | 12,56 | 1,1 | 1,3 |
| P02 | 12 | 3 | SW | 19,63 | 0,3 | 0,2 |
| P06 | 12 | 10 | SW | 12,56 | 0,8 | 0,8 |
| P17 | 12 | 5 | SWW | 12,56 | 0,4 | 0,4 |
| P24 | 12 | 10 | SW | 19,63 | 0,8 | 0,5 |
| X04 | 12 | 4 | SW | 19,63 | 0,3 | 0,2 |
| X05 | 12 | 68 | SW | 19,63 | 5,7 | 3,5 |

As can be seen in Fig. 5, certain parts of the polygons are distinguished, where, in general, low (0-1 ind./hour and ind./km²), medium (1.1-3 ind./hour and ind./km²) and high (>3.1 ind./hour and ind./km²) density of migratory predators, forming wide migratory corridors, was observed. The main direction of flight can be considered to be the southwest - it is dominant (83%, Fig. 6). The average range of flight altitudes is 20-200 m above the ground.

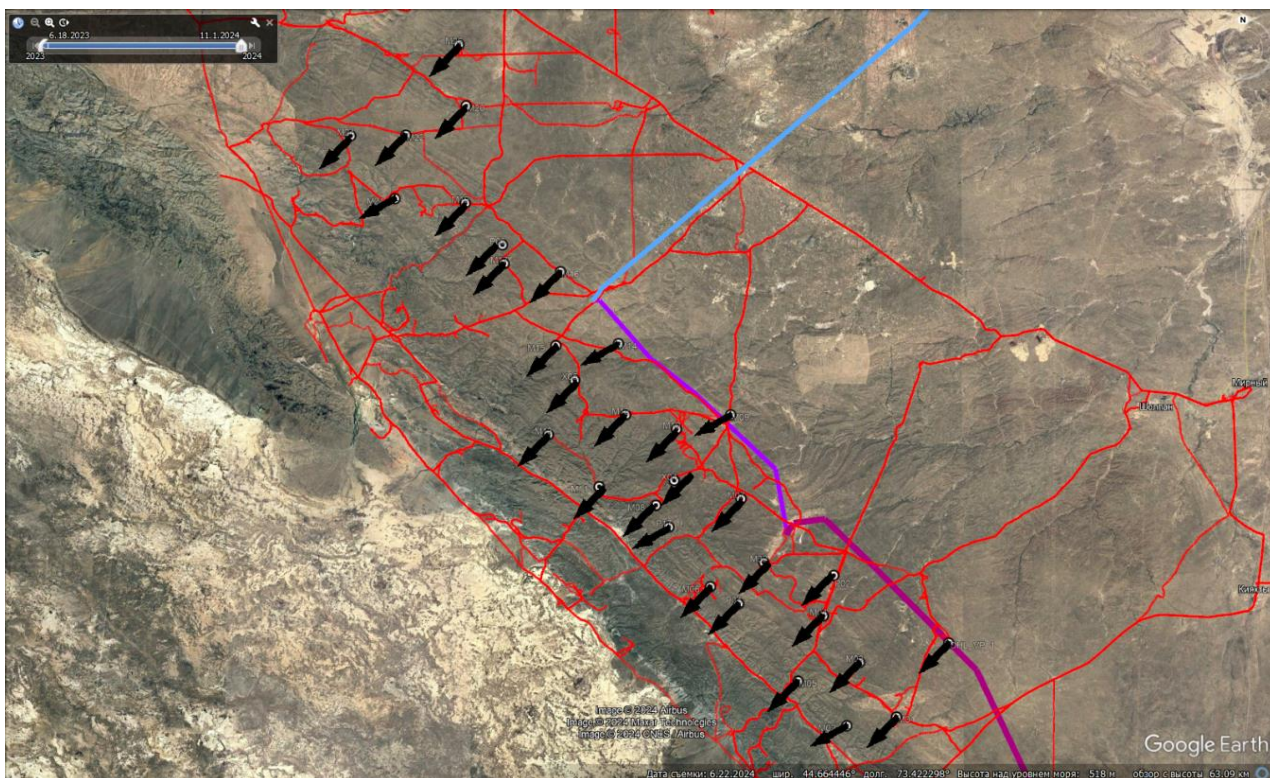


Fig. 6. General directions of flight of raptors at stationary observation points

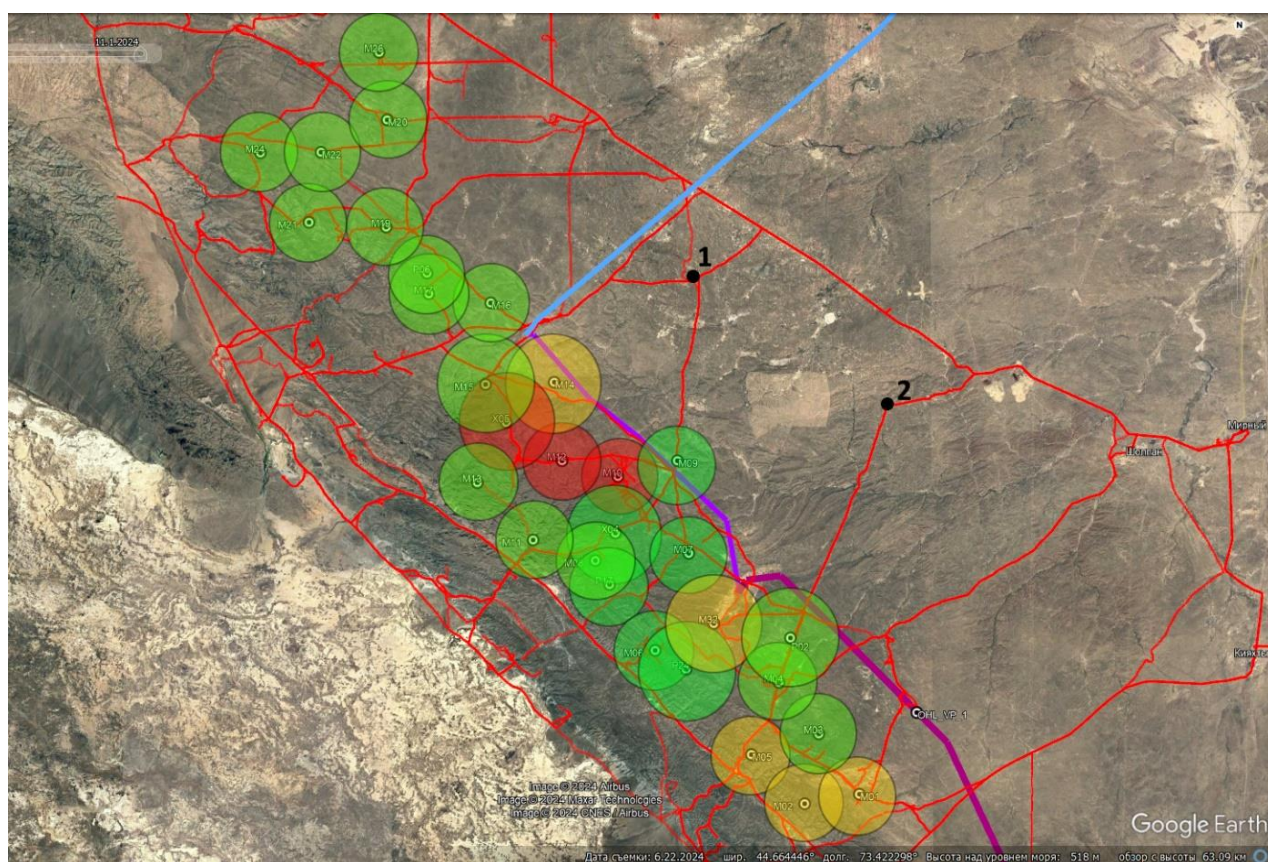


Fig. 7. Polygons with different density of raptors flight (ind./hour)

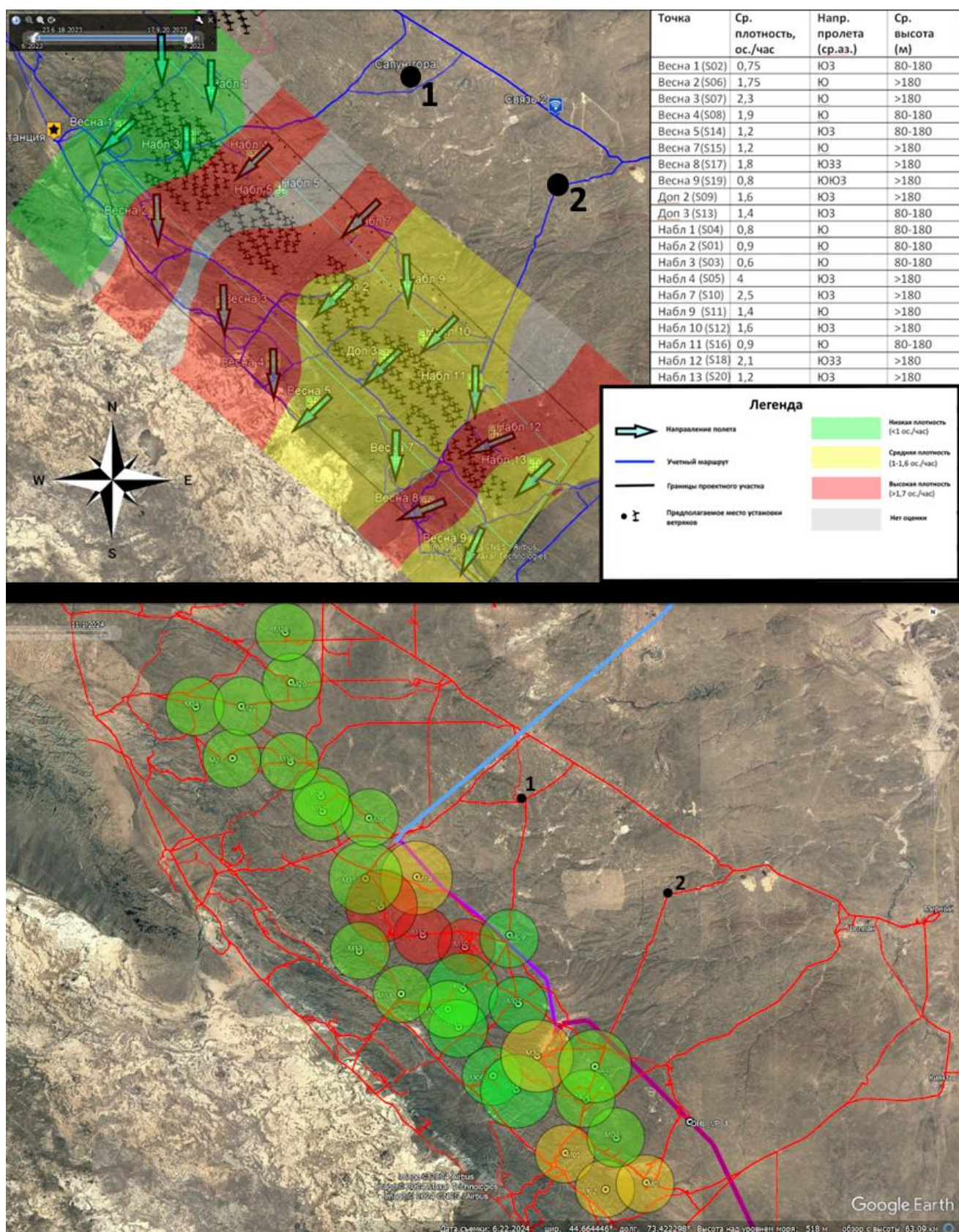


Fig. 8. Comparison of ranges of polygons of predator flight density (ind./hour), top – data of the 2023 analysis, bottom – data of the 2024 analysis

As a result of the analysis of autumn observation data in 2023, 2 corridors with a relatively higher number of birds on migration were also identified. At the same time, the identified migration corridors in the 2023-2024 observations are relatively similar (Fig. 8, see landmarks: 1 - Alatau Mountain; 2 - turn to the first substation). Note that in 2024, on average, 3-4 hours more were worked at each point per month than in 2023.

Species composition of waterbirds

During autumn stationary observations both the main migration and local movements were noted. Migratory species as such are: pelicans (white pelican *Pelecanus onocrotalus*, Dalmatian pelican *Pelecanus crispus*), whooper swan (*Cygnus cygnus*), black-headed gull (*Chroicocephalus ridibundus*), ruddy shelduck (*Tadorna ferruginea*), common merganser (*Mergus merganser*), great egret (*Ardea alba*), and yellow-legged gull (*Larus cachinnans*). Local movements of birds of the wetland complex: these are mainly movements of the gulls mentioned above and terns - gull-billed tern *Gelochelidon nilotica* and common tern *Sterna hirundo*. The main direction of flight can be considered to be south-southwest, and for local movements - northeast and southwest (which corresponds to the geographical location of large wetlands - Lake Balkhash and the Shu River valley, between which birds can move). The average range of flight altitudes for pelicans, ducks and herons is from 100 m to 1 km, for gulls and terns - up to 100 m above the ground.

Other birds and mammals

Other bird species of interest recorded during autumn work included demoiselle crane (*Anthropoides virgo*), greylag goose (*Anser anser*), houbara bustard (*Chlamydotis macqueenii*), desert raven (*Corvus ruficollis*), little owl (*Athene noctua*), black-bellied sandgrouse (*Pterocles orientalis*), and Pallas's sandgrouse (*Syrhaptes paradoxus*).

As during other seasonal stationary surveys, rare ungulates were repeatedly recorded - goitered gazelle (*Gazella subgutturosa*) and argali (*Ovis ammon*). In general, the sightings were recorded within the previously known distribution boundaries.

A full list of recorded animals and birds is presented in the Appendix.

Surveys for the planned transmission line (OHL) North-South

The work was carried out in accordance with the recommendations prepared by Bullman, R. (WSP) based on the Scottish methodology "Recommended bird survey methods to inform impact assessment of onshore wind farms, ver. 2" (P. Whitfield, D. Jackson, B. Urquhart, 2017). Autumn stationary observations of 2024 on the projected power transmission line (North-South) were carried out at 7 vantage points. Due to the gradual decrease in daylight hours in the autumn, October observations took place on average from 08.00-10.00 - 16.30-17.30, November - from 08.30-09.00 - 16.30-17.00.

The specifics of the work at the observation points of the designed power transmission line involved counting migratory birds for the purpose of recording the flight time in the allocated altitude zones (0-20 m, 20-50 m and >50 m) within the established counting corridor (500 m to the left and 500 m to the right of the observation point, 2 and 2.5 km in the direction of the designed power transmission line from the observation point).

On the projected power transmission line (south), during breaks between three-hour observation sessions, walking transects were carried out near the existing power transmission line to search for facts of collisions and deaths of birds (for points OHL_VP_2, OHL_VP_3, OHL_VP_4 - 500 m in the northern direction, 500 m in the southern direction; OHL_VP_5 - 500 m in the north-eastern direction, 500 m in

the south-western direction). As a result of walking transects, facts of collisions of birds with the existing power transmission line and their deaths were not noted.

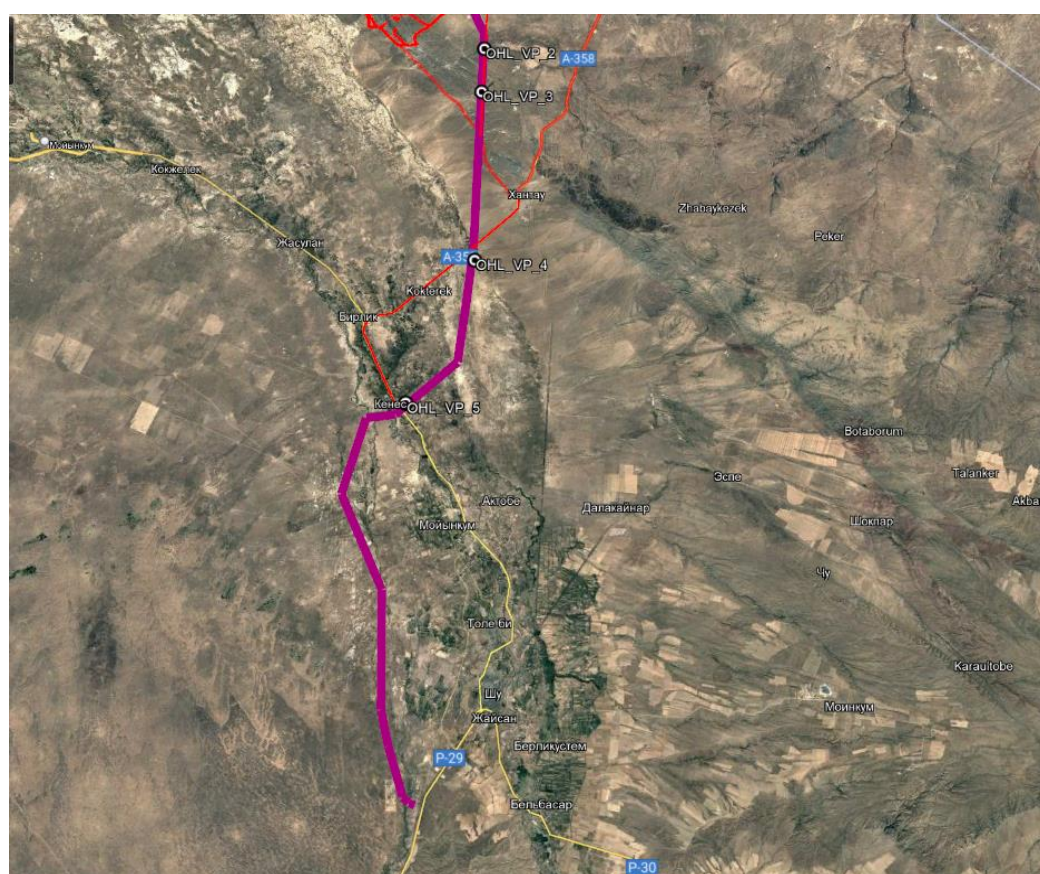
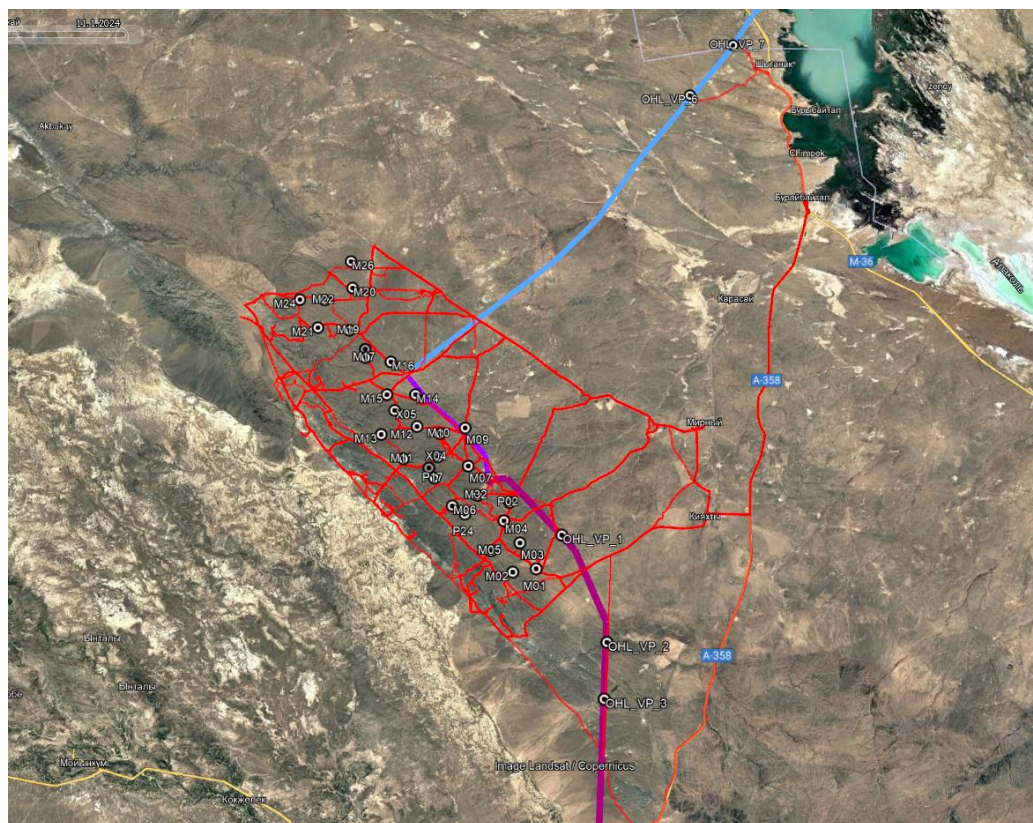
Species composition – birds of prey and waterbirds

In general, the same species were observed at the observation points of the designed power transmission line as at the points of the wind turbine construction site. Among the birds of prey, the following were observed: long-legged buzzard (*Buteo rufinus*), golden eagle (*Aquila chrysaetos*), common kestrel (*Falco tinnunculus*), steppe eagle (*Aquila nipalensis*), short-toed snake eagle (*Circaetus gallicus*), pallid harrier (*Circus macrourus*), hen harrier (*Circus cyaneus*), Montagu's harrier (*Circus pygargus*), marsh harrier (*Circus aeruginosus*) and white-tailed eagle (*Haliaeetus albicilla*). Among the birds of the wetland, the following were observed: black-headed gull (*Chroicocephalus ridibundus*), ruddy shelduck (*Tadorna ferruginea*), and gull-billed tern (*Gelochelidon nilotica*).

2.2 Winter: December 2024 – February 2025

Monitoring work in December was carried out over three days, from 9:00 a.m. to 5:00 p.m. Due to severe weather conditions (temperature, wind), 14 vantage points within the site and 4 power line vantage points were identified, evenly covering the project area. All 14 vantage points selected for stationary observations were covered, with the remaining territory covered by route observations. This made it possible to collect information on wintering bird species and, incidentally, on mammal encounters. Observations at each vantage point took 1 hour.

In January and February, the work was carried out according to the same scheme, with 16 stationary vantage points and 4 vantage points on power lines being worked on. As a result, fairly complete information was obtained about the ornithofauna of the site in the winter period, including quantitative indicators, as well as some information about animals, including rare species.



Brief overview of bird and animal species, December.

Traces of hares (*Lepus tolai*) were observed along virtually the entire route, both along the road and on transects. Fox (*Vulpes vulpes*) tracks were the second most common. Traces of small rodents (Rodentia; *Microtus arvalis*) were found periodically. There were isolated traces of unidentified mustelids (Mustelidae) and canids (Canidae). Gazelles (*Gazella subgutturosa*) and argali (*Ovis ammon*) were observed along the road routes.

The wintering of golden eagles (*Aquila chrysaetos*), long-legged buzzards (*Buteo rufinus*), short-eared owls (*Asio flammeus*), white-tailed eagles (*Haliaeetus albicilla*), rough-legged buzzards (*Buteo lagopus*) was confirmed, and saker falcons (*Falco cherrug*) were noted. Other wintering bird species observed included several species of larks (*Melanocorypha yeltoniensis*, *Eremophila alpestris*, *Melanocorypha calandra*), with the steppe lark (*Melanocorypha calandra*) predominating; chukar partridge (*Alectoris chukar*), Bokharian tit (*Parus bokharensis*), little owl (*Athene noctua*), hen harrier (*Circus cyaneus*), magpie (*Pica pica*), and common kestrel (*Falco tinnunculus*). Among the interesting observations was one steppe eagle (*Aquila nipalensis*) and one common quail (*Coturnix coturnix* – a very late sighting of a migratory species).

Brief overview of bird and animal species composition, January.

As in December, during the January surveys, traces of hares (*Lepus tolai*) were observed throughout the route surveys, both along the road tracks and on the transects. Fox (*Vulpes vulpes*) tracks were the second most frequently encountered. Traces of small rodents (Rodentia; *Microtus arvalis*) were found quite often. Several times, traces of unidentified mustelids (Mustelidae) and canids (Canidae) were found.

The wintering of golden eagles (*Aquila chrysaetos*), long-legged buzzards (*Buteo rufinus*), short-eared owls (*Asio flammeus*), white-tailed eagles (*Haliaeetus albicilla*), and rough-legged buzzards (*Buteo lagopus*) was confirmed. Other wintering bird species observed included several species of larks (*Melanocorypha yeltoniensis*, *Eremophila alpestris*, *Melanocorypha calandra*), with the steppe lark (*Melanocorypha calandra*) predominating; chukar partridge (*Alectoris chukar*), Bokharian tit (*Parus bokharensis*), and little owl (*Athene noctua*).

Brief overview of bird and animal species, February.

As in December and January, during the January surveys, traces of hares (*Lepus tolai*) were observed throughout the route surveys, both along the road tracks and on the transects. The second most frequently encountered traces were those of foxes (*Vulpes vulpes*). Traces of small rodents (Rodentia; *Microtus arvalis*) were also quite common. Several times, traces of unidentified mustelids (Mustelidae) and canids (Canidae) were found. Among the interesting observations was one steppe cat (*Felis silvestris lybica*) on the southern power line.

The wintering of golden eagles (*Aquila chrysaetos*), long-legged buzzards (*Buteo rufinus*), short-eared owls (*Asio flammeus*), white-tailed eagles (*Haliaeetus albicilla*), and rough-legged buzzards (*Buteo lagopus*) was confirmed. Other species of wintering birds observed included several species of larks (*Melanocorypha yeltoniensis*, *Eremophila alpestris*, *Melanocorypha calandra*), with a predominance of the calandra lark (*Melanocorypha calandra*); chukar partridge (*Alectoris chukar*), and common kestrel (*Falco tinnunculus*).

In general, by December, a fairly stable composition of wintering birds with low diversity and abundance is established, which persists throughout the winter, with the constant presence of two rare species (Red Book of Kazakhstan) – the golden eagle and the white-tailed eagle, and in December, another – the saker falcon.

2.3 Spring: March – May 2025

Field surveys of the project area were conducted in several stages. All visits were pre-approved by representatives of Total Energies (D. Khitsenko). The first field visit took place from March 9 to March 12, 2025. Initially, the trip was planned for March 9-23, 2025, but it had to be shortened due to the fact that heavy snowmelt and precipitation made movement around the site extremely difficult and, in some places, simply impossible (Figs. 11-14).



Figure 11-14. Road conditions at the site, March 9-12, 2025.

The second field trip took place from March 23 to March 26, 2025. This field trip in March was primarily necessary to clarify the conditions for effective work. It turned out that most of the moisture had gone into the soil, but the soil itself remained too wet for vehicles to travel on (Figs. 15-18).



Figure 15-18. Road conditions at the site, March 23-26, 2025.

The third (April 11 to April 22) and fourth field trips (May 4 to May 14) became full-fledged working trips in the spring of 2025. All assigned tasks were completed.

Due to the change in the location of the planned wind turbines from the beginning of 2024, other stationary observation points were selected for autumn work, partially overlapping the existing points on the southern site (Figs. 18 a-b). Accordingly, stationary observations in spring 2025 were carried out at 30 vantage points. Due to the gradual increase in daylight hours in the spring, April observations were conducted on average between 08:00-10:00 and 17:00-18:00; and in May from 07:00-10:00 to 18:00-19:00. Transect observations were carried out within the observation sites and on nesting monitoring routes. Route observations were carried out during movements between stationary observation points. The results of the field studies are presented in an Excel table in Appendix.



Fig. 18 a-b. Field survey maps, spring 2025 (Left to right: North-South)

Species composition (birds of prey)

In addition to nesting species (long-legged buzzard (*Buteo rufinus*); golden eagle (*Aquila chrysaetos*); common kestrel (*Falco tinnunculus*), a number of birds of the Accipitridae family were observed migrating – the steppe eagle (*Aquila nipalensis*), short-toed snake eagle (*Circaetus gallicus*), harriers – steppe harrier (*Circus macrourus*), the hen harrier (*Circus cyaneus*), the Montagu's harrier (*Circus pygargus*), the marsh harrier (*Circus aeruginosus*), the black kite (*Milvus migrans*), the white-tailed eagle (*Haliaeetus albicilla*), the common buzzard (*Buteo buteo*); honey buzzards (*Pernis apivorus*, *Pernis ptilorhynchus*); a number of birds of the hawk and falcon family – the sparrowhawk (*Accipiter nisus*), the common kestrel (*Falco subbuteo*). The imperial eagle (*Aquila heliaca*) and the booted eagle (*Hieraaetus pennatus*) were observed on rare occasions.

Density

The processed data allow us to judge, to some extent, the density of migratory birds of prey in certain ranges of distances and altitudes. For example, by calculating the number of falcon-like (migratory) birds seen per hour and per km², it is possible to estimate the average migratory load of the study area (Table 4).

Table 4. Density of records by various indicators (individuals per hour, individuals per km²), only migratory predators (see species composition).

| VP number | Total number of hours logged, hours. | Total number of birds counted, individuals. | Main direction of flight, az. | Observation area, km ² | Number of individuals/hour | Number of individuals per km ² |
|-----------|--------------------------------------|---|-------------------------------|-----------------------------------|----------------------------|---|
| M01 | 12 | 9 | NE | 12,56 | 0,8 | 0,7 |
| M02 | 12 | 9 | NE | 12,56 | 0,8 | 0,7 |
| M03 | 12 | 9 | N | 12,56 | 0,8 | 0,7 |
| M04 | 12 | 0 | - | 12,56 | - | - |
| M05 | 12 | 1 | N | 12,56 | 0,1 | 0,1 |
| M06 | 12 | 0 | - | 12,56 | - | - |
| M07 | 12 | 8 | NE | 12,56 | 0,7 | 0,6 |
| M08 | 12 | 14 | NE | 12,56 | 1,2 | 1,1 |
| M09 | 12 | 3 | NE | 12,56 | 0,3 | 0,2 |
| M10 | 12 | 2 | N | 12,56 | 0,2 | 0,2 |
| M11 | 12 | 9 | N | 12,56 | 0,8 | 0,7 |
| M12 | 12 | 3 | NE | 12,56 | 0,3 | 0,2 |
| M13 | 12 | 13 | NE | 12,56 | 1,1 | 1,0 |
| M14 | 12 | 7 | NNE | 19,63 | 0,6 | 0,4 |
| M15 | 12 | 2 | NE | 19,63 | 0,2 | 0,1 |
| M16 | 12 | 10 | NE | 19,63 | 0,8 | 0,5 |
| M17 | 12 | 2 | NE | 12,56 | 0,2 | 0,2 |
| M19 | 12 | 4 | NE | 12,56 | 0,3 | 0,3 |
| M20 | 18 | 4 | NE | 12,56 | 0,2 | 0,3 |
| M21 | 12 | 1 | NE | 12,56 | 0,1 | 0,1 |
| M22 | 12 | 2 | N | 12,56 | 0,2 | 0,2 |
| M24 | 18 | 14 | NE | 12,56 | 0,8 | 1,1 |
| M26 | 18 | 5 | NE | 12,56 | 0,3 | 0,4 |
| M32 | 12 | 1 | NE | 12,56 | 0,1 | 0,1 |

| | | | | | | |
|-----|----|----|-----|-------|-----|-----|
| P02 | 12 | 6 | N | 19,63 | 0,5 | 0,3 |
| P06 | 12 | 1 | N | 12,56 | 0,1 | 0,1 |
| P17 | 12 | 17 | N | 12,56 | 1,4 | 1,4 |
| P24 | 12 | 5 | NE | 19,63 | 0,4 | 0,3 |
| X04 | 12 | 6 | NE | 19,63 | 0,5 | 0,3 |
| X05 | 12 | 6 | NNE | 19,63 | 0,5 | 0,3 |

The relatively low number of migratory predators is primarily due to the omission of accounting work in March, when the most massive migration is observed, as confirmed by the 2024 report. Nevertheless, it is still possible to distinguish the ranges of polygons by the parameter of individuals per hour.

Comparing the density of migrating predators with spring 2024, the ranges of the polygons should be equivalent. This means that the ranges should be reduced by 5.4 times (the total number of recorded predators during migration in 2024 was 935 individuals; in 2025 – 173 individuals). Accordingly, the ranges of the polygons in 2025 are: low (0 - 0.4 individuals/hour and individuals/km²), medium (0.5 – 0.7 individuals/hour and individuals/km²) and high (>0.8 individuals/hour; and individuals/km²) density of migratory predators (for comparison, the ranges of polygons in 2024: <2 individuals/hour and individuals/km², 3 individuals/hour and individuals/km², and >4 individuals/hour and individuals/km², respectively). As in 2024, wide migration corridors are again forming (Fig. 22). The main direction of migration can be considered northeast – it is dominant (60%, Fig. 21). The average altitude range of migration is 20-200 m above the ground.

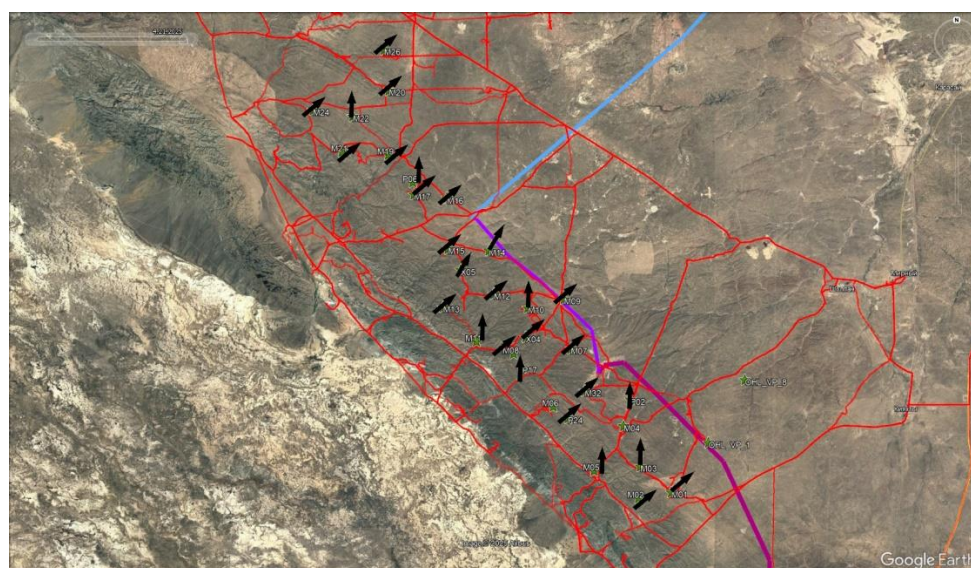


Fig. 21. General flight paths of predators at stationary observation points

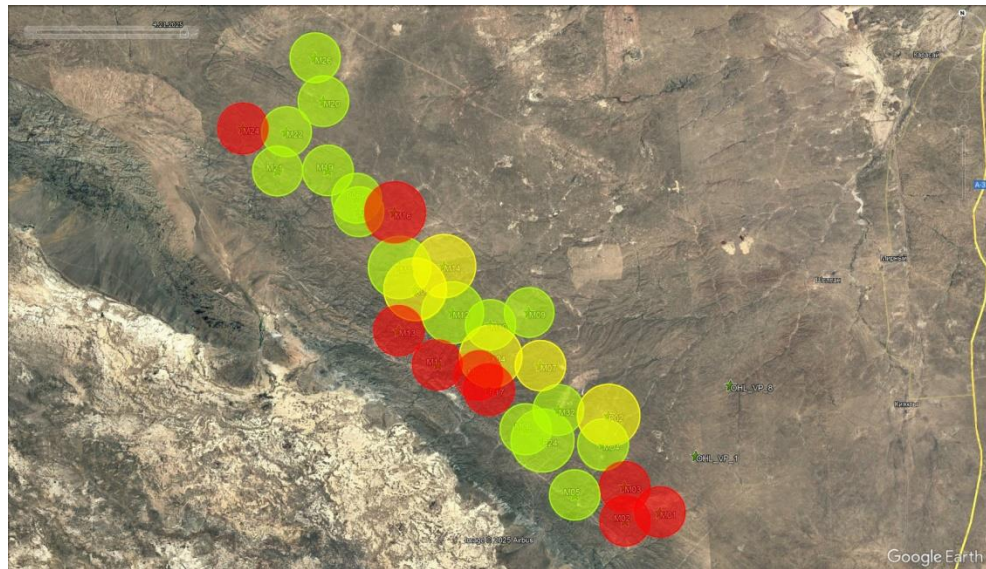
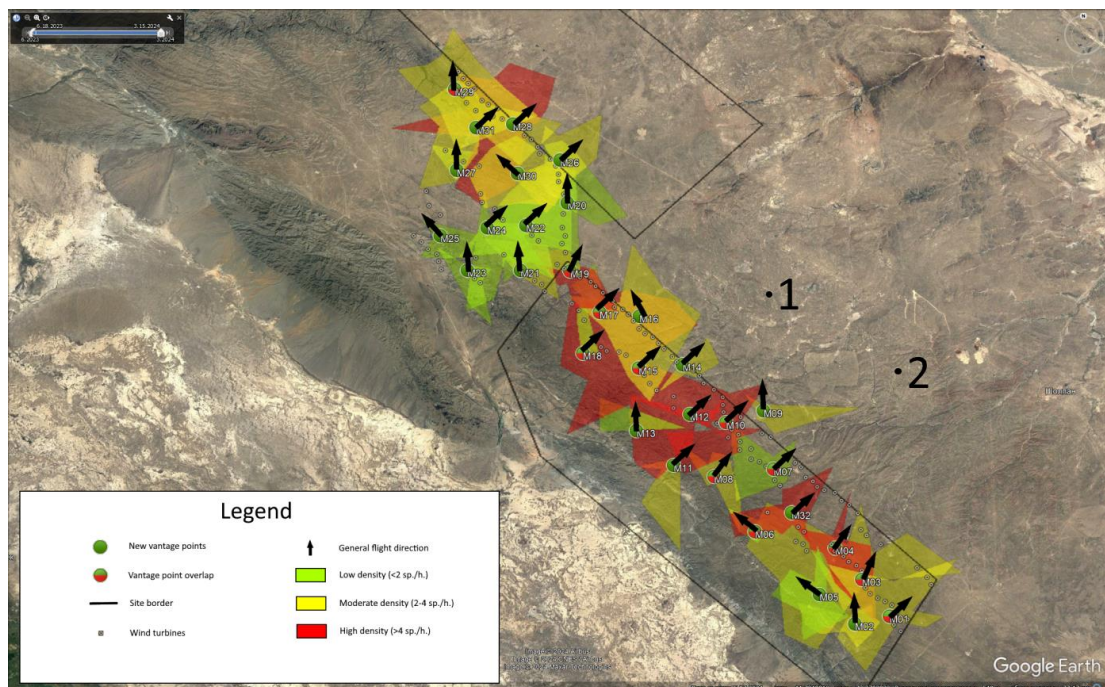


Fig. 22. Visualization of predator density ranges. Green - 0 - 0.2 individuals/hour and individuals/km²; yellow - 0.3 - 0.6 individuals/hour and individuals/km²; red - >0.7 individuals/hour and individuals/km².

As a result of analyzing data from spring observations in 2024, three corridors with relatively high numbers of birds in migration were also identified (Fig. 23). The migration corridors identified in the 2024-2025 observations are relatively similar (Figs. 23-24, see landmarks: 1 - Mount Alatagyl; 2 - turn to the first substation). Given that the similarity in the location of migration corridors is also present in the autumn observations of 2023-2024, it can be confidently stated at this point that the relatively high density of migratory birds of prey in these corridors is quasi-stable from year to year.



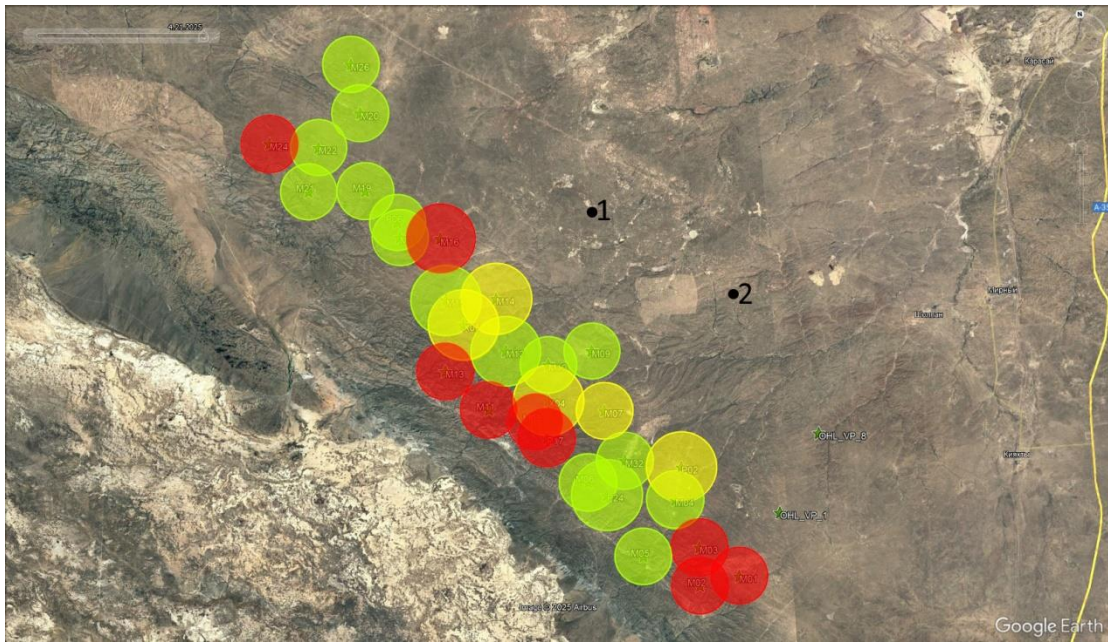


Fig. 23-24. Comparison of predator flight density polygon ranges (os/hour), top – data from the 2024 analysis, bottom – data from the 2025 analysis

In order to justify the selection of areas for the installation of wind turbines, according to the methodology, it is not sufficient to simply assess flight density—it is also necessary to analyze data from simulations of possible bird collisions during flight. For this purpose, taking into account migratory bird species, the flight time of birds within this radius was recorded in altitude zones of 0-20 m; 20-200 m; >200 m.

Species composition (waterbirds)

During spring stationary observations, the main migration was noted (Dalmatian pelican (*Pelecanus crispus*), black-headed gull (*Chroicocephalus ridibundus*), ruddy shelduck (*Tadorna ferruginea*), northern pintail (*Anas acuta*), black-headed gull (*Larus cachinnans*), as well as local movements of waterbirds (mainly movements of ruddy shelducks, black-headed gulls, and gull-billed terns (*Gelochelidon nilotica*). The main direction of migration can be considered north; northeast, and for local movements – northeast and southwest (which corresponds to the geographical location of large wetlands – Lake Balkhash and the Chu River valley). The average altitude range for the migration of pelicans, ducks, and herons is from 50 m to >1 km; for gulls and terns, it is up to 100 m above the ground.

Species composition (other animals and birds)

Among other interesting bird species recorded during spring work are the demoiselle crane (*Anthropoides virgo*), the Houbara bustard (*Chlamydotis macqueenii*, during migration), desert crow (*Corvus ruficollis*), little owl (*Athene noctua*), short-eared owl (*Asio flammeus*), and saiga antelope (*Syrrhaptes paradoxus*).

As during other seasonal stationary surveys, encounters with large mammals – gazelle (*Gazella subgutturosa*) and argali (*Ovis ammon*) – were repeatedly recorded. In general, encounters were recorded within previously known distribution limits. A complete list of recorded animals and birds is provided in Appendix.

Conducting stationary observations within the planned power line (North-South)

The work was carried out entirely in accordance with a special methodology developed by Bullman, R. (WSP) based on the Scottish methodology “Recommended bird survey methods to inform impact assessment of onshore wind farms, ver. 2” (P. Whitfield, D. Jackson, B. Urquhart, 2017)

Spring stationary observations in 2025 on the planned power line (North-South) were carried out at 8 points. Due to the gradual increase in daylight hours in the spring, April observations were conducted on average between 08:00-10:00 and 17:00-18:00; May observations were conducted between 07:00-10:00 and 18:00-19:00. On the planned power line (South), between three-hour observation sessions, walking transects were carried out near the existing power line (for points OHL_VP_1 and OHL_VP_8 – 500 m in a south-easterly direction, OHL_VP_3 and OHL_VP_4 – 500 m in a northern direction, OHL_VP_2 – 500 m in a northern and southern direction; OHL_VP_5, OHL_VP_6 – 500 m in the northeast and southwest directions, OHL_VP_7 – 500 m in the northeast direction). As a result of the walking transects, no collisions of birds with the existing power line were noted.

Species composition (birds of prey and waterbirds)

In general, the same species were observed at the observation points of the planned power line as at the construction site of the wind farm. Among the birds of prey, the following were observed: long-legged buzzard (*Buteo rufinus*); golden eagle (*Aquila chrysaetos*); common kestrel (*Falco tinnunculus*), steppe eagle (*Aquila nipalensis*), short-toed snake eagle (*Circaetus gallicus*), steppe harrier (*Circus macrourus*), hen harrier (*Circus cyaneus*), Montagu's harrier (*Circus pygargus*), marsh harrier (*Circus aeruginosus*), and white-tailed eagle (*Haliaeetus albicilla*). Among observed waterbirds were: black-headed gull (*Chroicocephalus ridibundus*), ruddy shelduck (*Tadorna ferruginea*), and gull-billed tern (*Gelochelidon nilotica*).

Density

The specific nature of the work at the observation points of the planned power line required the recording of migratory birds solely for the purpose of recording their flight times at specific altitudes (0-20 m; 20-50 m; >50 m) within a special accounting corridor (500 m to the left and 500 m to the right of the observation point, 2 and 2.5 km in the direction of the planned power line from the observation point). In this regard, and also in view of the total number of observation points of the planned power line (8) and their wide distribution within 133 km from north to south, calculating the flight density for these points is not practical.

Recording predator nesting in spring

Recording work in April 2025 included recording predator nesting within the project site and in a 2-kilometer buffer zone (Fig. 25; A – project site boundaries, B – buffer zone boundaries).

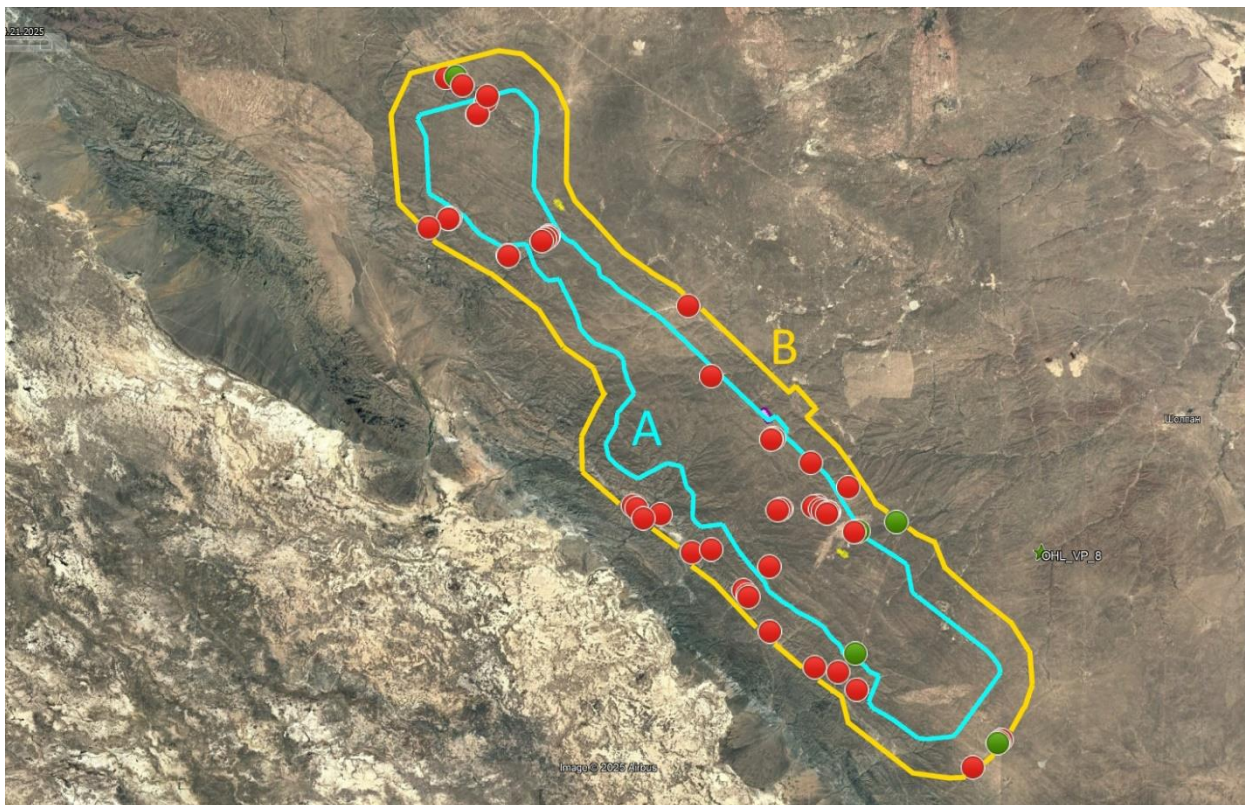


Fig. 25. Recorded predator nests (red dots – uninhabited nests, green dots – inhabited nests)

Work on recording predator nesting was carried out between April 19 and 22. The main biotopes surveyed were rocky formations (hills) in the south-southwest of the project site and within the buffer zone (golden eagle, saker falcon, steppe eagle), as well as saxaul forests and individual trees within the site and buffer zone (curlew, snake eagle, harrier). The survey was conducted by car with periodic stops to observe biotopes using optics. Walking transects were carried out when nests were found, as well as in the densest saxaul forests. The location of the nests was taken into account according to the records of I. Karyakin from 2023. When a nest was found, its location was described (on the ground or in a tree); if it was on the ground, the slope exposure and height from the top and from the beginning of the slope were also taken into account; if it was in a tree, the height from the ground and from the top of the crown was recorded. Additionally, the status (inhabited/uninhabited) and condition of the nest (new/old) were recorded. If inhabited, the number of eggs in the clutch and the presence of incubating birds nearby were also recorded. A table with a description is presented in Appendix 4.

As a result of the work, 59 nests of birds of prey were found within the survey boundaries, for a total of 63 nests. Of the 59 nests within the site, 5 were inhabited (marsh harrier, short-toed snake eagle).

It should be noted that during the three days of data collection, only part of the saxaul forests within the boundaries of the site and buffer zone were surveyed. To obtain a more complete set of data, it is necessary to increase the number of working hours allocated solely to surveying the territory for this purpose.



Fig. 26. Contents of a snake eater's nest

2.4 Summer: June – July 2025

Due to the change in the location of the planned wind turbines from the beginning of 2024, other stationary observation points were selected for the summer, partially overlapping the existing points on the southern site. Accordingly, stationary observations in the summer of 2025 were carried out at 30 points. All summer observations took place on average between 06:00-10:00 and 14:00-18:00. Transect observations were carried out in July and August, within the observation areas and on nesting monitoring routes, on average between 06:00 and 11:00. Route observations were carried out during movements between stationary observation points.

Summer stationary observations in 2025 on the planned power line (North-South) were carried out at a total of 8 points, with additional observations in June and August at 2 points on the planned power line (South), replacing the previously observed points (OHL_VP_1, OHL-VP_3) (Fig. 27-28). All summer observations were conducted on average between 06:00-10:00 and 14:00-18:00. On the planned power line (North-South), between three-hour observation sessions, walking transects were carried out near the existing power line. As a result of the walking transects, no bird collisions with the existing power line were noted. The results of the field studies are presented in an Excel table in Appendix.

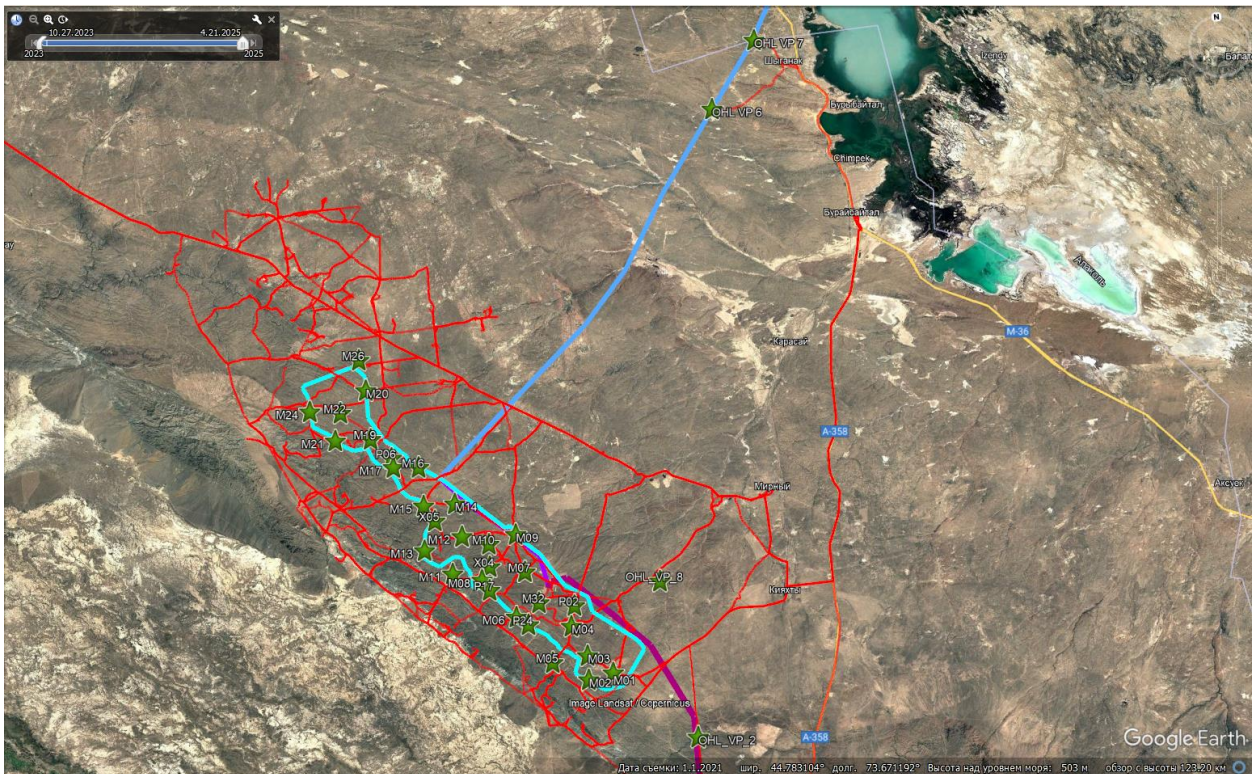


Fig. 27. Field survey map, summer 2025 (North; the planned power line is highlighted in blue, and the movement tracks are highlighted in red).

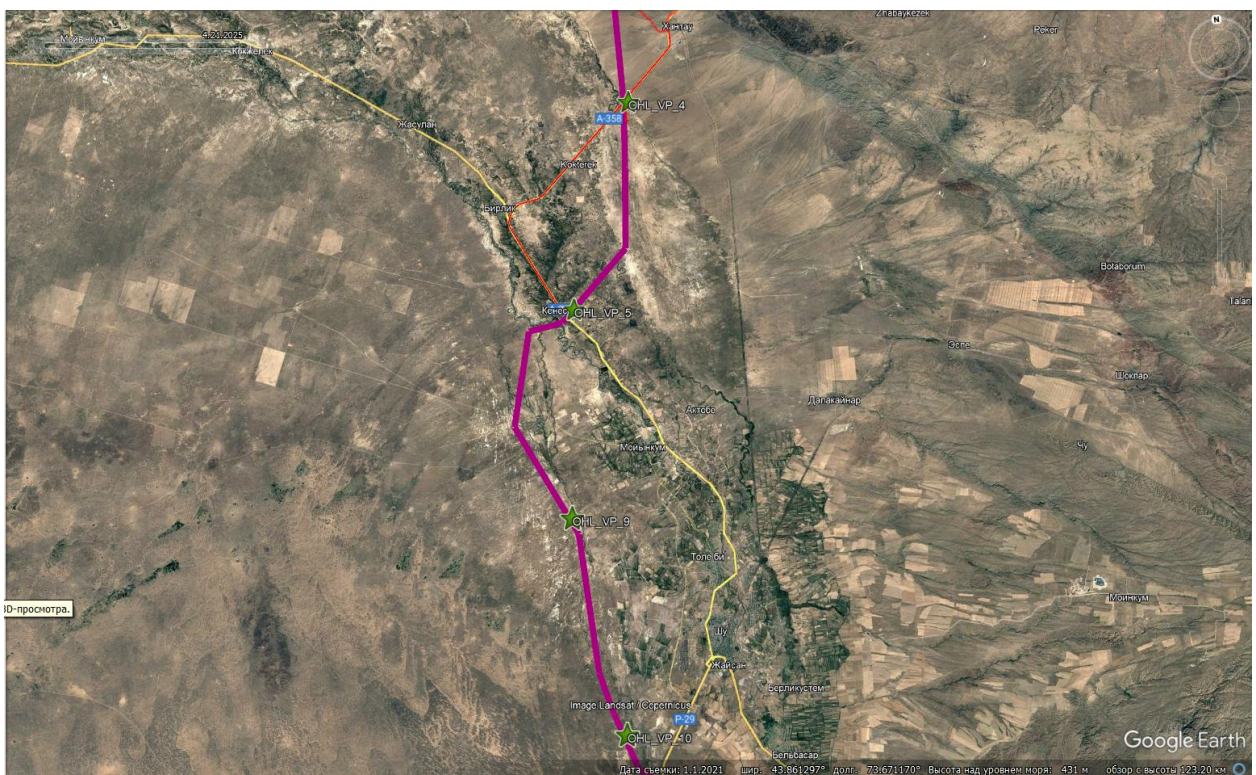


Fig. 28. Field survey map, summer 2025 (South; the planned power line is highlighted in purple, and the movement tracks are highlighted in red and yellow).

Species composition (birds). As expected, the vast majority of species recorded were local nesting species (long-legged buzzard (*Buteo rufinus*); golden eagle (*Aquila chrysaetos*); common kestrel (*Falco*

tinnunculus), short-toed snake eagle (*Circaetus gallicus*), black-bellied sandgrouse (*Pterocles orientalis*). The following species were observed sporadically: the steppe eagle (*Aquila nipalensis*), the imperial eagle (*Aquila heliaca*), the booted eagle (*Hieraaetus pennatus*), unidentified harriers (*Pernis* sp.), marsh harrier (*Circus aeruginosus*), black kite (*Milvus migrans*), birds of the hawk and falcon family – Turkestan sparrowhawk (*Tachyspiza badia*), common kestrel (*Falco subbuteo*). Among passerines and waterbirds, the following were observed in isolated cases: northern pintail (*Anas acuta*), great cormorant (*Phalacrocorax carbo*), Temminck's stint (*Calidris temmincki*), common sandpiper (*Actitis hypoleucos*), the green sandpiper (*Tringa ochropus*), the spotted crane (*Porzana porzana*), the black-winged stilt (*Himantopus himantopus*), the moorhen (*Gallinula chloropus*), the common tern (*Sterna hirundo*), the little owl (*Athene noctua*), Turkestan shrike (*Lanius phoenicuroides*), common kingfisher (*Alcedo atthis*), garden warbler (*Acrocephalus dumetorum*), common chiffchaff (*Curruca curruca*), western nightingale (*Luscinia megarhynchos*), two-spotted lark (*Melanocorypha bimaculata*), and blue rock thrush (*Rhodospiza obsoleta*). A complete list of recorded animals and birds is provided in Appendix.

In general, the highest bird activity, both during stationary observations and during walking transects, was observed between 5:00 and 10:00 a.m. Midday and afternoon observations can generally be characterized as the least productive in terms of bird activity. For stationary observations, the dominant species are the black-bellied pipit, the common kestrel, and the common buzzard. For walking observations, the dominant species are mainly wheatears (*Oenanthe oenanthe*, *Oenanthe isabellina*, *Oenanthe deserti*, *Oenanthe pleschanka*) and larks (*Alauda leucoptera*, *Alauda arvensis*, *Calandrella brachydactyla*, *Melanocorypha calandra*).

Given the anticipated anthropogenic pressure in the region, it is interesting to assess the overall occurrence of golden eagles (the species most vulnerable to the installation of wind turbines) and seasonal observations between 2023 and 2025.

Data on golden eagle sightings in 2023 reflect both route encounters (by car, on foot transects) and observations from fixed observation points. In quantitative terms, 45 individuals were observed in 2023 (Fig. 29). It should be noted that this number does not reflect the exact number of individual birds, as it is likely that some individuals were observed several times throughout the year.

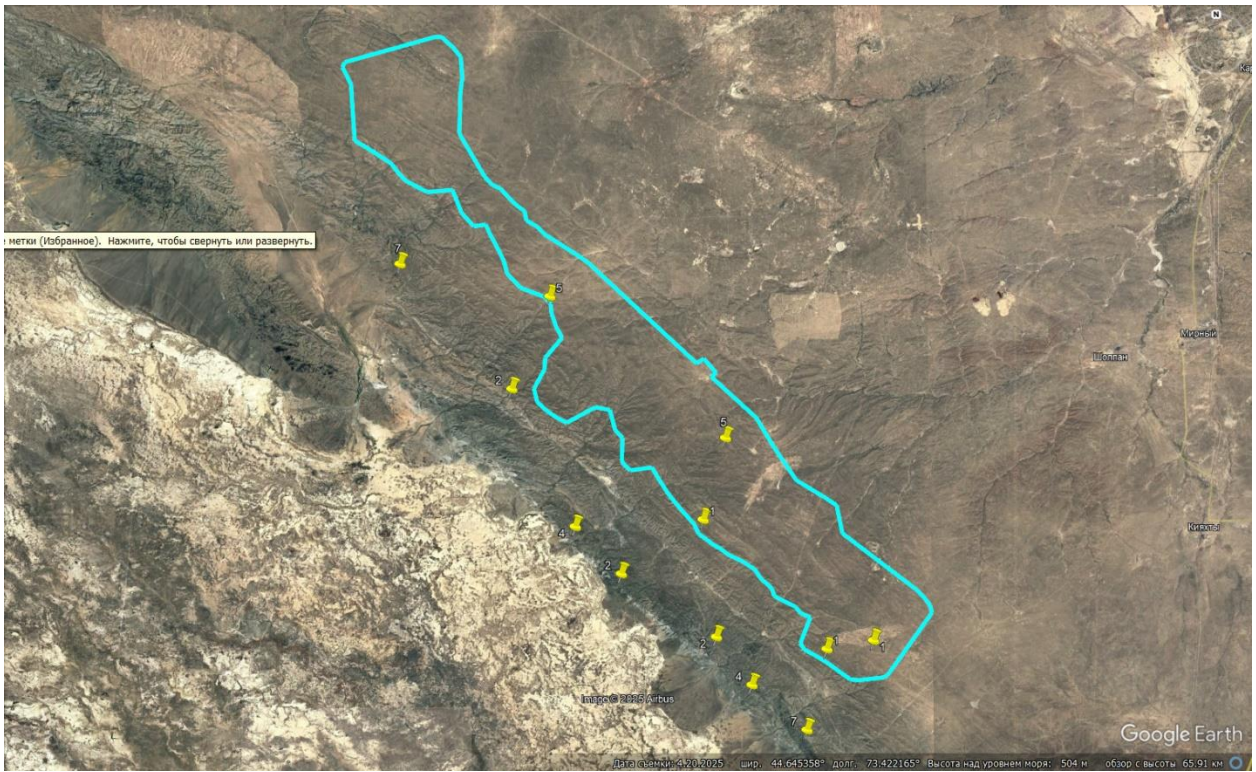


Fig. 29. Map of golden eagle sightings, 2023 (the project site boundary is shown in blue, and individual sightings are shown in yellow).



Fig. 30. Map of golden eagle sightings, 2024 (the project site boundary is shown in blue, and individual sightings are shown in green).

Data on golden eagle sightings in 2024 reflect both route encounters (by car, on foot transects) and observations from fixed observation points. In quantitative terms, 64 individuals were observed in 2024

(Fig. 30). As in the previous case, this figure does not reflect the exact number of individual birds, as it is likely that individual birds were observed several times throughout the year. In 2024, observations were carried out on the territory of two versions of the project sites, which, together with an increase in working hours and travel time between sites, explains the higher number of observed individuals.

Data on golden eagle sightings in 2024 reflect both route encounters (by car, on foot transects) and observations from fixed observation points. In quantitative terms, 34 individuals were observed in 2024 (Fig. 31). As in the previous case, this figure does not reflect the exact number of individual birds, as it is likely that individual birds were observed several times throughout the year. Considering that the average number of working hours and travel time by car is 25-30% less than in 2024 (due to the absence of autumn and winter observations in 2025), a decrease in the number of observed golden eagles should be expected (53% fewer individuals observed compared to 2024), which, in general, does not reflect the specific impact of increased anthropogenic pressure on the territory (including the work of geologists, archaeologists, mountaineers, etc.).

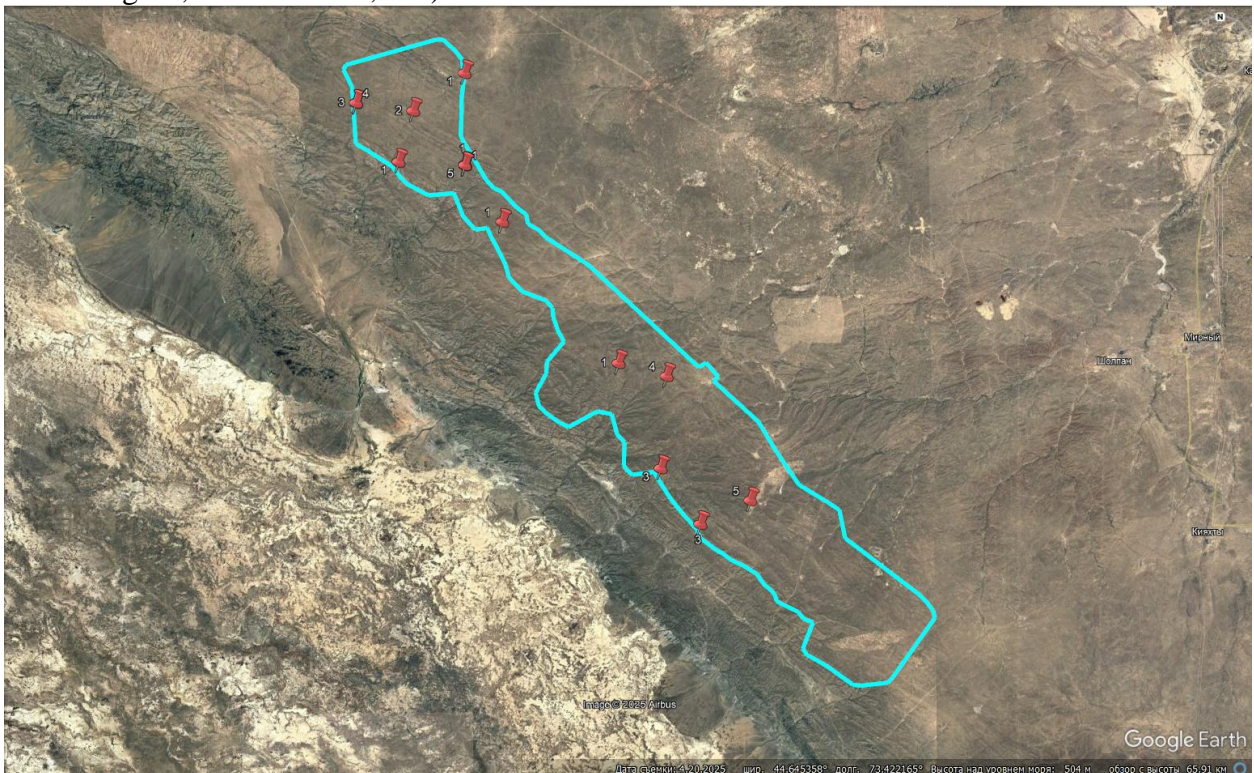


Fig. 31. Map of golden eagle sightings, 2025 (the project site boundary is shown in blue, and individual sightings are shown in red).

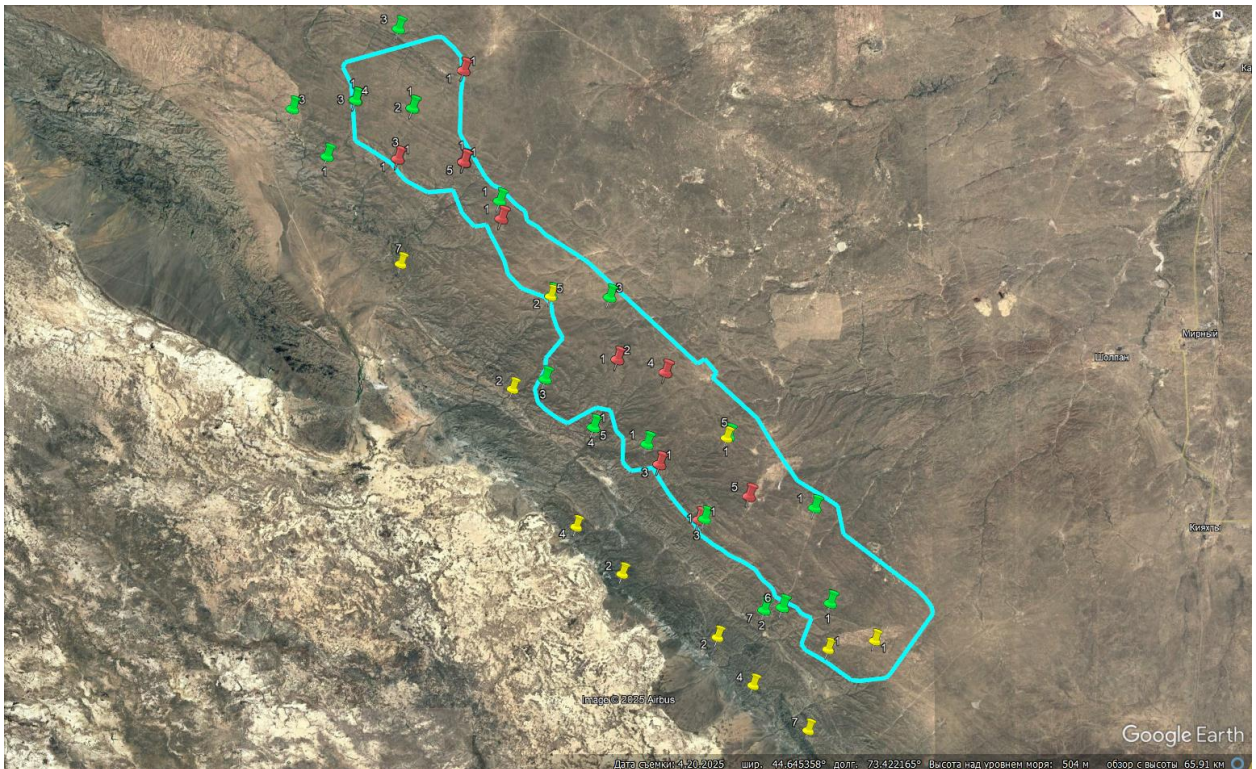


Fig. 32. Map of golden eagle sightings, 2023-2025 (the project site boundary is shown in blue, and individual sightings are shown in green, yellow, and red).

Species composition (animals)

As in the 2023-2025 observation period, species common to the region were recorded, such as the red fox (*Vulpes vulpes*), the Tola hare (*Lepus tolai*), the argali (*Ovis ammon*), gazelle (*Gazella subgutturosa*), greater jerboa (*Allactaga major*), common vole (*Microtus arvalis*), eastern blind mole rat (*Ellobius tancrei*), and greater gerbil (*Rhombomys opimus*). Among the interesting observations, we can note isolated encounters with such species as the golden jackal (*Canis aureus*), wild boar (*Sus scrofa*), Takyr round-headed lizard (*Phrynocephalus helioscopus*), colorful lizard (*Eremias arguta*), Central Asian tortoise (*Testudo horsfieldii*). The wild boar was encountered during a night transect based on bat signal recordings. The tortoise was spotted near the OHL_VP_7 power line stationary observation point. A complete list of recorded animals and birds is provided in Appendix.

During the summer observations of 2025, fewer individuals of vulnerable ungulate species such as the argali were recorded compared to previous observation periods. Given the upcoming anthropogenic pressure in the region, it is interesting to evaluate the total number of encounters and seasonal observations between 2023 and 2025.

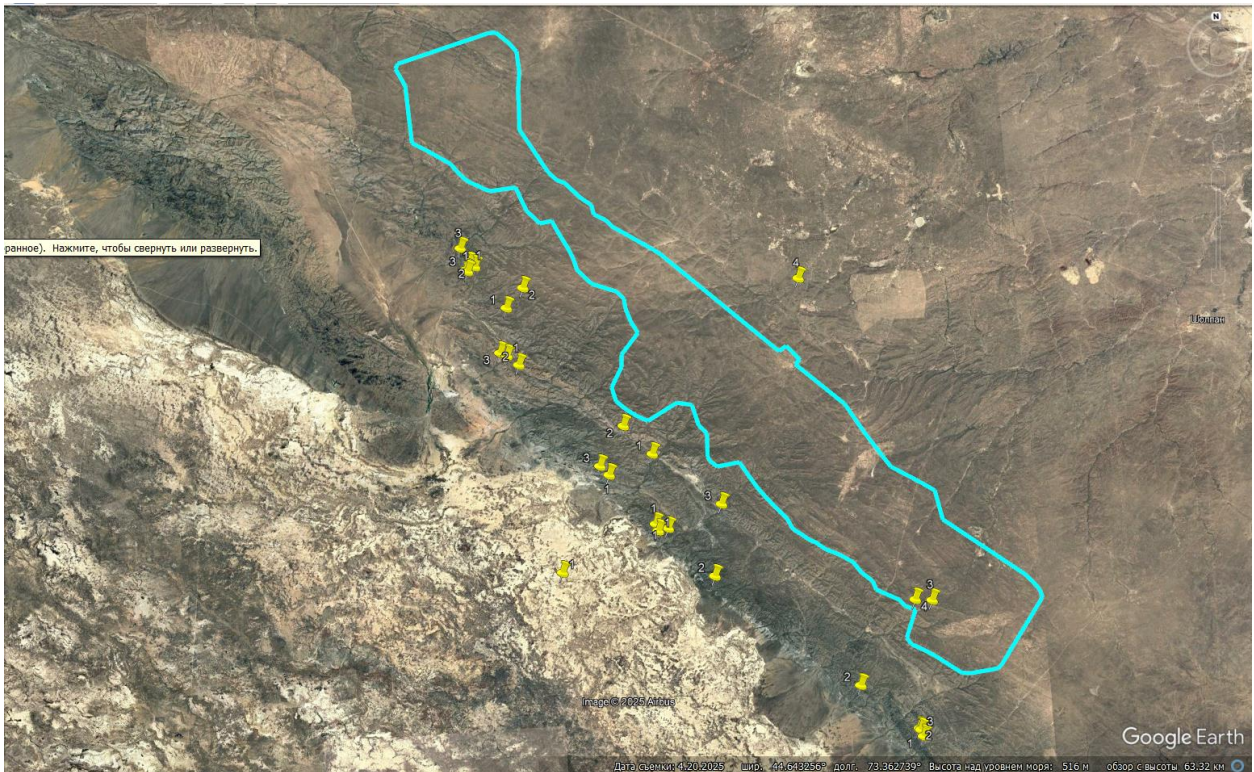


Fig. 33. Map of argali sightings, 2023 (the project site boundary is shown in blue, and individual sightings are shown in yellow).

Data on argali encounters in 2023 reflect both route encounters (by car, on foot transects) and observations from fixed observation points. Almost all encounters are outside the current project site, which is explained by a different project site in 2023. In quantitative terms, 58 individuals were observed in 2023 (Fig. 33).

Data on argali encounters in 2024 reflect both route encounters (car, walking transects) and observations from fixed observation points. In 2024, observations were made on the territory of two versions of the project sites, which, together with an increase in working hours and travel time between sites, explains the large number of argali encounters. In quantitative terms, 123 individuals were observed in 2024 (Fig. 34).

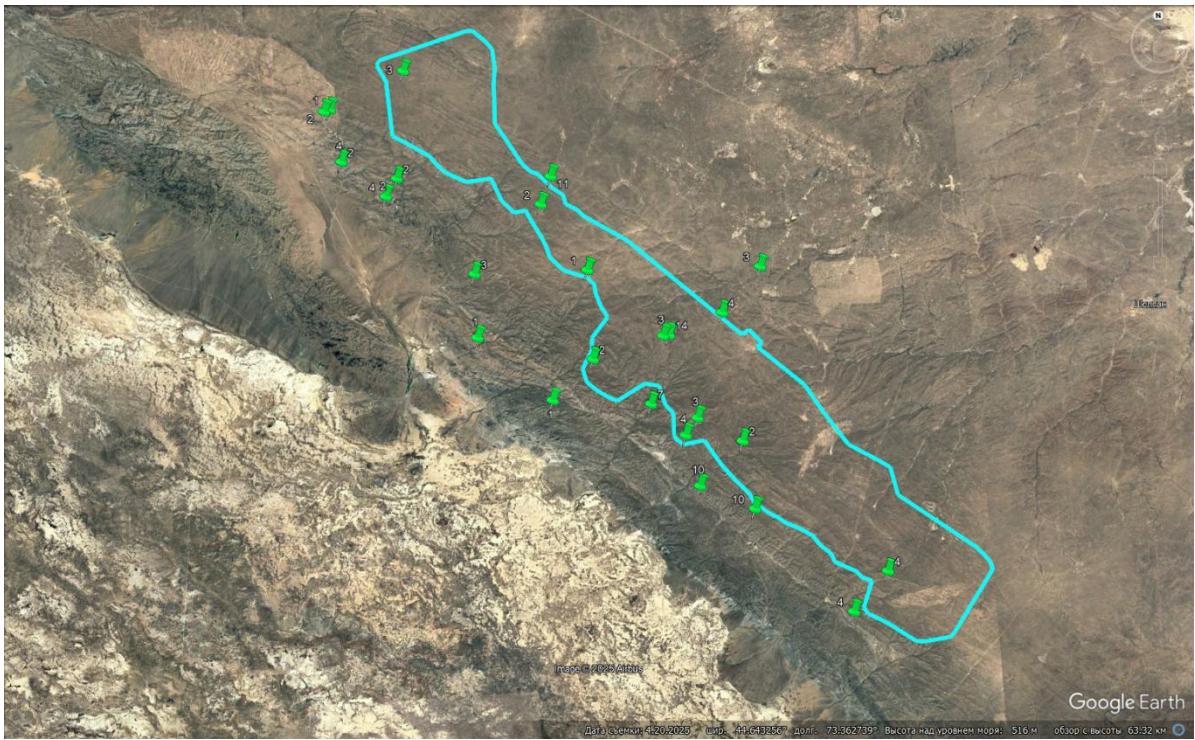


Figure 34. Map of argali sightings, 2024 (the project site boundary is shown in blue, and individual sightings are shown in green).



Fig. 35. Map of argali sightings, 2025 (the project site boundary is shown in blue, and individual sightings are shown in red).

Data on argali encounters in 2025 reflect both route encounters (vehicle, pedestrian transects) and observations from fixed observation points. In quantitative terms, only 17 individuals were observed in 2025 (Fig. 35). Considering that the average number of working hours and travel time by car is 25-30%

less than in 2024 (due to the absence of autumn and winter observations in 2025), a decrease in the number of observed argali should be expected, but not to such an extent (the observed number is only 13% of the observed number in 2024). Another explanation for the decline in the observed population could be the gradual increase in anthropogenic pressure on the territory (the work of geologists, archaeologists, mountaineers, etc.), which indirectly and directly affects the location and movement of argali within their habitat.

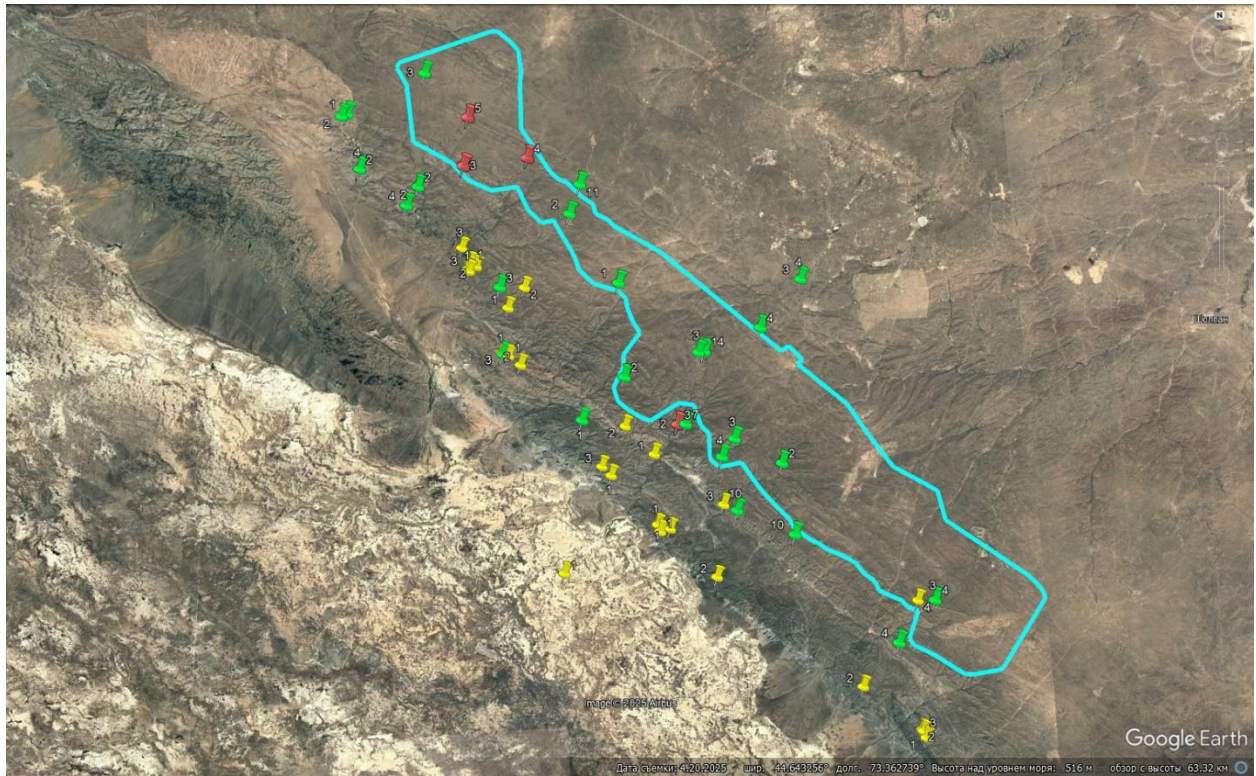


Fig. 36. Map of argali sightings, 2025 (the project site boundary is shown in blue, and individual sightings are shown in red).

3 Study of mammals

The main observations of mammals were conducted in 2023-24. The species composition and distribution across the project area were studied, the relative abundance of species was calculated, the expected impact of construction and operation of the facilities was assessed, the consequences for mammals were predicted, and recommendations were made to minimize the negative impact of the planned wind farm on animals.

3.1 Methods and study

As part of bird migration monitoring in the project area in April-May 2025, observation of mammals continued. All animal encounters were recorded. Particular attention was paid to the great sand vole and other rodents. On road routes, when moving between bird monitoring points, the coordinates of the burrows encountered were noted and, where possible, their habitability was determined. On foot routes, all burrows were also recorded, and in large diffuse settlements, the density of burrows per 1 ha, the habitability of colonies, and the number of animals per inhabited burrow were determined to calculate the population per unit area. The presence of other rodents was also noted on foot routes based on signs of their activity. Live traps were set at selected points to determine the species composition of rodents. As a result of monitoring, *Meriones libycus*, *Meriones tamariscinus*, and *Microtus socialis* were added to the list of mammals encountered in the project area during the 2023-2024 survey.

The greater gerbil

Rhombomys opimus Lichtenstein, 1823 (order Rodentia, family Cricetidae, subfamily Gerbillinae). This is a desert species (Fig. 37;38). The species' vast range covers the temperate desert zone, with large gerbil settlements extending into the semi-desert in the north. Preferred habitats are determined primarily by the suitability of the soil for burrowing, the micro-relief of the terrain, and the nature of the vegetation cover, as well as the depth of the water table. The large gerbil leads a family-colonial lifestyle and is active during the day throughout the year. The complex burrow of gerbils, which has been given the name "colony" in the literature, is a large and usually well-visible structure with a distinct ecological center and periphery, having up to several dozen exits located at varying distances from each other and a depth of up to 2.5-3 meters. The diameter of a colony on loose soil can reach 30-50 m or more, while on dense soil their size is significantly smaller. In addition to the greater sand vole, their burrows are used by other species of animals, from insects and reptiles to birds and mammals. Through its burrowing activity, the greater sand vole transforms the micro-relief and changes the species composition of vegetation. It actively colonizes anthropogenically altered landscapes. It is the main food source for medium-sized mammals (steppe polecat, ferret, corsac fox, fox, jackal), as well as a number of birds of prey. It is the main carrier of plague in the Central Asian desert plague focus.

It is distributed extremely unevenly across the project area. Not found in the northwest of the planned wind farm. In the rest of the settlement, it is of the beam and focal type. In the areas adjacent to the north in the eastern part of the project area, where the construction of power lines and access roads is planned, there are extensive diffuse settlements with a high density of dwellings.



Fig. 37. The greater gerbil



Fig. 38. A colony of large gerbils

The greater gerbil also inhabits the low-lying saxaul thickets within the project area unevenly. No colonies of the great gerbill were found in the northwestern part of the future wind farm. In the rest of the saxaul thickets that were surveyed, isolated colonies were noted, with only a few being fully inhabited.

In the vicinity of bird observation point OHL_VP_6, great gerbil settlements are diffuse in nature, with a density ranging from 0.3 to 4.0 per 1 ha, averaging 2.3. During the observation period (second ten days of April), the occupancy rate of the colonies was 91% (based on an inspection of 100 colonies), with an average of 2.2 animals per inhabited burrow before the young emerged. The total stock of large sand voles per 1 ha was 4.6, or 460 per 1 km².

At monitoring point OHL_VP_7, changes in the population of the area by sand voles in an anthropogenically altered microlandscape were examined. When a water pipeline was laid several years ago, a mound of clay soil was formed, which was subsequently colonized by large sand voles. During monitoring along a linear route along the embankment, 9 colonies were counted per km of the route, and 7 in the natural landscape. The difference was 30%, but the changes per unit area were less significant. At the same time, the habitability of the colonies and the number of animals per burrow were the same in both cases – 89% habitability of burrows and 8 animals per burrow (beginning of the second decade of May, emergence of young animals to the surface).

Based on the trench dug in previous years and the embankment of soil from it, passing through the bird observation points M04 and P02, the colonies are located at a distance of 20 to 200 m or more from each other. In the natural landscape of this area, isolated colonies have been noted at a considerable distance from each other. In both cases, burrows were found in loamy soil. No burrows were found in another section of this ditch with a rocky embankment stretching for 2 km.

Based on incomplete data, the distribution pattern of the great gerbil in the project area is shown in Figure 39.

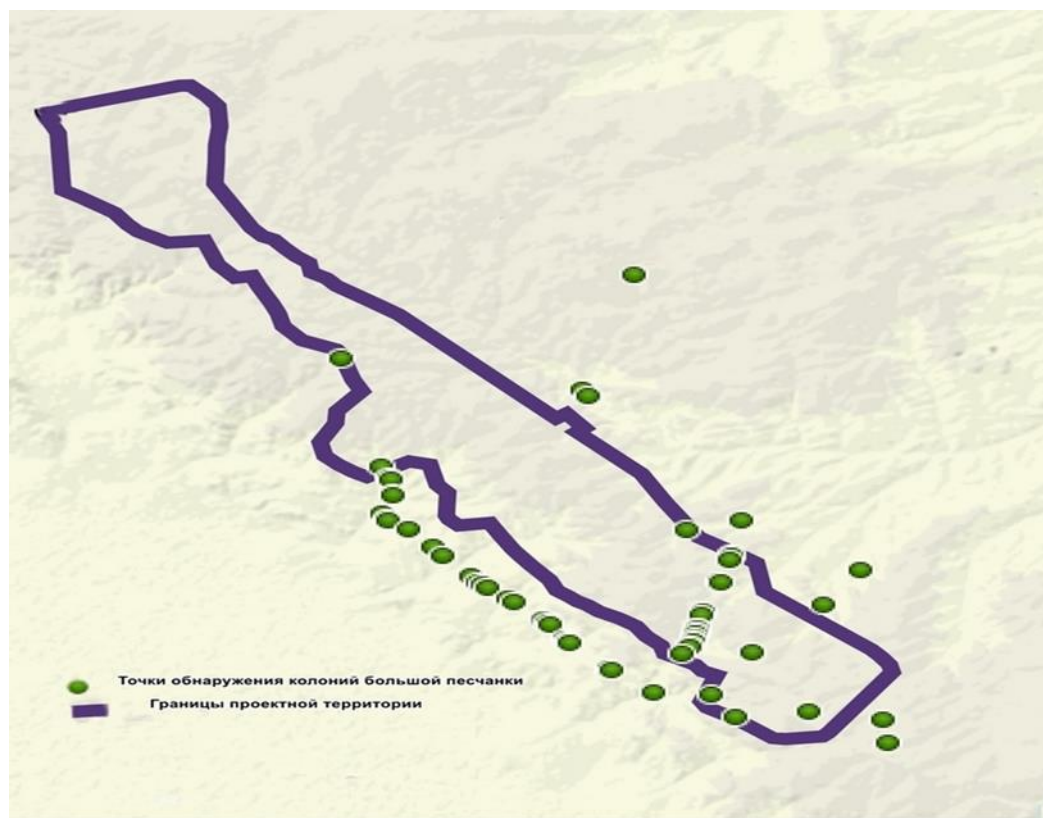


Fig. 39. Distribution map of large sand lizard colonies in the project area

The red-tailed or Libyan gerbil

Meriones libycus Lichtenschtein, 1823 (order Rodentia, family Cricetidae, subfamily Gerbillinae)

is widespread in Kazakhstan in clayey and gravelly deserts from the northeastern coast of the Caspian Sea to the southern part of the country. Cricetidae, subfamily Gerbillinae) is widespread in Kazakhstan in clayey and gravelly deserts from the northeastern coast of the Caspian Sea in the west to the border with China in the east. Throughout its range, the animal shows a clear preference for desert lowlands and foothills with clayey and clayey-gravelly soils. In different parts of its range, the living conditions for this rodent are extremely uneven, which explains the sharp variation in its distribution and abundance. The red-tailed gerbil inhabits settlements ranging from a few dozen square meters to very large areas. Like other gerbils, the animal is active all year round. It is typically active at dusk and at night. It builds a system of burrows with 5-25 entrance holes. Like the greater gerbil, it readily inhabits anthropogenically altered landscapes. It feeds on mixed foods and stores food for the winter. It is a secondary carrier of plague infection in the Central Asian desert plague focus.

According to the fragmentary data obtained, the red-tailed sand lizard inhabits most of the project area, excluding mountainous areas with exposed rock formations (Figs. 40; 41). It is distributed in a mosaic pattern and does not form large settlements. It occurs both together with the greater sand lizard and in areas where there are no colonies of the greater sand lizard. Settlements have been found in thickets of boilyach and in areas of grass, wormwood, and various herbs on rolling plains and hillsides, in valley saxaul thickets. During the survey, the average occupancy rate of burrows was 55-65%.



Fig. 40. Red-tailed sand lizard



Fig. 41. Burrows of the red-tailed sand lizard

When traveling by car between bird monitoring points and on walking routes, red-tailed sand lizard burrows were found at the following coordinates:

N 44,61246°; E 073,49424°

N 44,64787°; E 073,44789°

N 44,58019°; E 073,51054°

N 44,53920°; E 073.64265°

N 44.58432°; E 073.56760°

N 44.35521°; E 073.32345°

N 44,36402°; E 073,30332°

N 44, 36902°; E 073, 34250°

N 45,11688°; E 073,89950°

N 45,10488; E 073.88200°

N 44.57759°; E 073.85454°

N 44.58166°; E 073.85119°

N 44.59402°; E 073.52085°

N 44.65905°; E 073.47456°

N 44.73482°; E 073.51565°

N 44.55799°; E 073.61575°

N 44.81281°; E 073.29586°

N 44.61843°; E 073.39267°

N 44.12687°; E 073.90678°

The tamarisk gerbil

Meriones tamariscinus Pallas, 1773 (order Rodentia, family Cricetidae, subfamily Gerbillinae) is one of the most moisture-loving species among gerbils, preferring mesophytic habitats with succulent vegetation. Cricetidae, subfamily Gerbillinae) is one of the most moisture-loving species among gerbils, preferring mesophilic habitats with succulent vegetation. It is distributed mosaically but quite widely, from the northeastern Caucasus to northwestern China. Gerbillinae gerbils most readily settle in river floodplains, dry riverbeds, and in shallow, fixed sands with well-developed shrub and tall grass vegetation. They readily inhabit thickets of juniper bordered by salt marshes mixed with wormwood around salt lakes. Comb-toothed gerbils are generally solitary, active at dusk and at night.

In the project area, the crested sandpiper is sporadically found in low-lying areas with thickets of tamarisk, in saxaul thickets mixed with tamarisk, along streams in thickets of shrubs and weedy vegetation. Captured in a live trap in a tamarisk thicket among chia thickets at bird observation point M15, coordinates N 44.69027°; E 073.36129°, burrows and the animals themselves were found in low-lying areas of saxaul mixed with tamarisk, coordinates of the point - N 44.36902°; E 073.34250°; N 44.61843°; E 073.39267°.

The common vole

Microtus socialis Pallas, 1773 (order Rodentia, family Cricetidae, subfamily Arvicolinae) is distributed in Kazakhstan in isolated areas of dry grassland and grass-wormwood steppes and semi-deserts of plains and foothills. It forms colonial settlements with a system of shallow burrows with up to 40 entrance holes. It leads a mainly crepuscular and nocturnal lifestyle. Its population is subject to sharp fluctuations due to weather and climatic conditions. In years of high population, it is one of the main food sources for small terrestrial predators, as well as some birds of prey, such as the common and steppe buzzards, kestrels, and owls.

In the project area, it is found on the slopes of hills and on hilly plains with fine gravelly loam soil, both in thickets of boylyach and in wormwood-grass-mixed grass plant associations. During a partial survey of the settlement area, it was found at the following coordinates:

N 44,59402 °; E 073,52085 °

N 44,73482 °; E 073,51565 °

N 44,69137 °; E 073,40618 °

N 44,52936 °; E 073.57891 °

N 44.55303 °; E 073.55306 °

N 44.53920°; E 073.64265 °

It should be noted that this vole is more widespread across the territory of the proposed wind farm construction and its infrastructure facilities than the data above suggests.

3.2 Expected impact and predicted consequences for small mammals in the project area

During the construction of the wind farm and its infrastructure facilities, the topsoil will be disturbed, the burrows of small mammals (rodents) will be destroyed, and the animals themselves will be killed. This will result in a reduction in the number of rodents in the construction areas; it is not possible to quantify this reduction at this stage. After construction is completed, during the wind farm's operation, a partial recovery in the numbers of large and red-tailed sand voles should be expected. The piles of soil and trenches formed during construction may be actively colonized by these rodents, which may lead to a local increase in the abundance of these species. Due to the anthropogenically altered landscape, these rodents may penetrate into areas where they did not previously inhabit in the natural landscape. However, there is unlikely to be an overall increase in the number of large and red-tailed sand voles throughout the project area, the attractiveness of the area as hunting grounds for large birds of prey will not increase, and there will be no increase in the risk of these birds colliding with wind turbine blades. However, the probability of death from collision with turbine blades while hunting large sand voles and other rodents by birds of prey, including those listed in the Red Book, will remain.

Additional information

When designing, constructing, and operating a wind farm and its infrastructure facilities, it should be taken into account that the project area is located in the zone of active Betpakdala and Moyinkum plague foci (Passport of Kazakhstan regions for particularly dangerous infections - Quarantine and zoonotic infections in Kazakhstan No. 1, 2015). In the event of epizootics among rodents (large gerbils), there may be risks of infection for personnel.

The Moyinkum district, where the project area is located, is endemic for CCHF (Crimean-Congo hemorrhagic fever) (Passport...). The main source of this viral infection in this area are ticks of the genus *Dermacentor*. This infection may also pose a risk of infection to personnel.

4 Bat surveys

The above-mentioned work was carried out during a field trip in July, between July 18 and 23, 2025. Ultrasonic signals from bats were recorded using stationary and mobile detectors. The stationary detector was installed “overnight” at roosting sites (points M19, M07, M15, M11, M04, M01, OHL_VP_5) (Fig. 42).

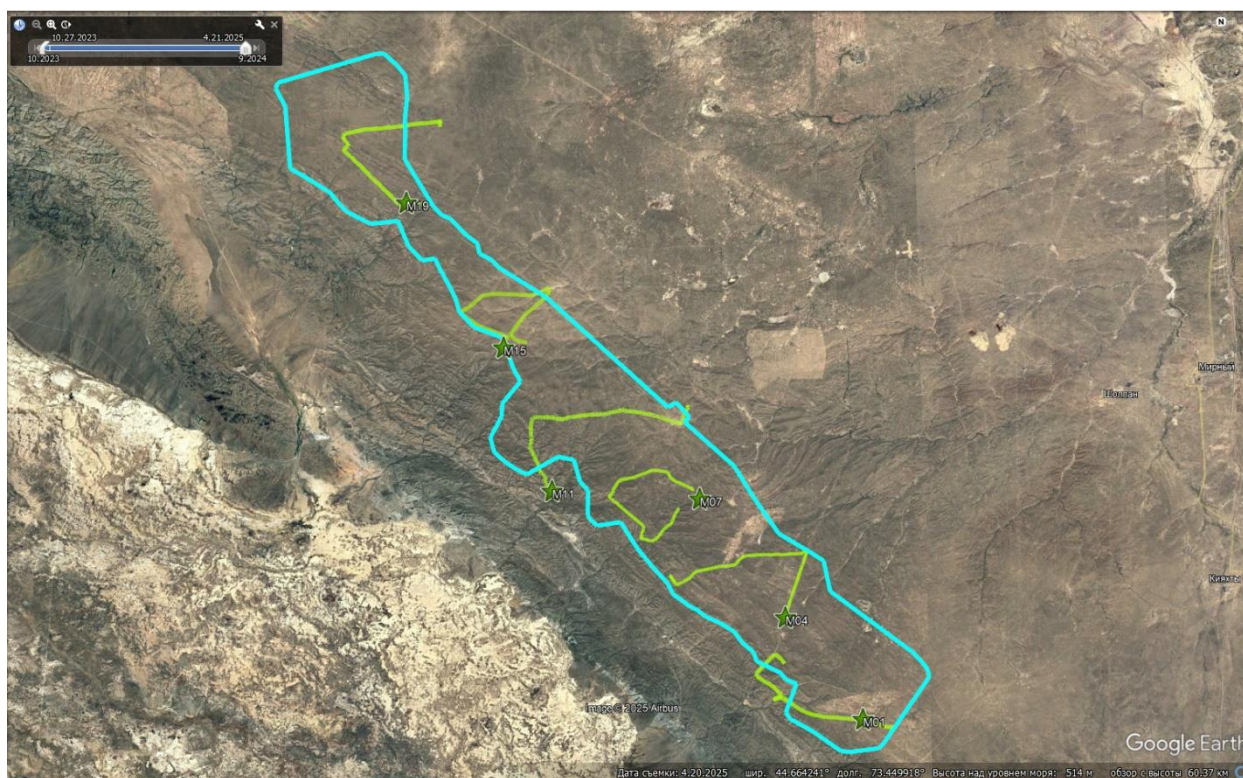


Fig. 42. Map of mobile recording routes for bat ultrasonic signals, summer 2025 (the project site boundary is shown in blue, and the routes themselves are shown in green).

The stationary detector settings were preset to record 30 minutes before sunset and 30 minutes after sunrise. The stationary detector microphone was installed at a height of 3 m above the ground.

The mobile detector was used for evening recording in a car. Recording began 30 minutes before sunset, followed by cycles of 15 minutes of recording while driving at a speed of 4-6 km/h and 5 minutes of recording while completely stopped, with the headlights and engine turned off. On average, the five recording sessions (Fig. 12) lasted 3.5 hours each and covered a total distance of 12-14 km. During this 3.5-hour period, an average of 10 cycles of 15- and 5-minute recordings were made. The recording session on July 20 had to be skipped due to adverse weather conditions (continuous wind with an average speed of 12 m/s at the start of observations and in the evening).

The data obtained still needs to be processed in order to clarify the distribution of bats within the project site during the recording period. However, despite the availability of “raw” data, the mobile recording method allows bat signals to be visually recorded on a mobile phone screen. Taking this into account, on July 18, four signals were recorded, with two individuals visually observed. On July 19, two signals were recorded, on July 21-22, no signals were recorded, and on July 23, one signal was recorded.

5. Reptiles and amphibians survey

5.1 Methods

The study of amphibians and reptiles was not a special task. Encounters of these animals were noted on automobile and pedestrian routes during the study of mammals and birds. Amphibians were noted based on visual observations and voice, reptiles – based on visual observations. Information on routes is contained in the corresponding subsections of the Mammals and Birds sections.

5.2 Results

The only amphibian species encountered in the area was Perrin's green toad, *Bufotes perrinii* (Fig. 58). This species was recently isolated from the collective species *Bufotes gr. viridis* and is known to be a typical inhabitant of the desert spaces of Central Asia (Dufresn et al. 2019). In the spring season, Perrin's green toad was encountered throughout the project area, and was especially numerous near temporary watercourses in the low-hill part. At this time, adult individuals were recorded both visually (encounters on foot and car routes) and by singing (noted in almost all visited valleys).

Ten species of reptiles from three orders were encountered: 1 species of turtle, 3 species of lizards and 2 species of snakes (Table 5).

Table 5. Reptiles encountered in the project area during the surveys in 2023-2024.

| # | Habitat | Hills with rocks, stony slopes and tops | Gently rolling and flat plains covered with zonal deserts | Dry valley saksaul woodlands | Rocks on valley slopes |
|---|---|--|---|------------------------------------|---------------------------|
| | Species richness | | | | |
| 1 | Central Asian Tortoise – <i>Agrionemys</i> (<i>Testudo</i>) <i>horsfieldi</i> | ++ | + | +++ | + |
| 2 | Такырная круглоголовка – <i>Phrynocephalus</i> <i>helioscopus</i> | - | + | - | - |
| 3 | Разноцветная ящурка – <i>Eremias arguta</i> | - | + | + | - |
| 4 | Быстрая ящурка – <i>Eremias velox</i> | - | + | + | - |
| 5 | Восточный удавчик – <i>Erix tataricus</i> * | - | + | - | - |
| 6 | Обыкновенный щитомордник – <i>Gloydus halys</i> | + | - | - | - |

Rare species of reptiles and amphibians have not been found. The Steppe Tortoise *Testudo horsfieldi* has VU status on the IUCN Red List, and the tortoise and *Eryx miliaris* are included in

Annex II of CITES.

A characteristic feature of the entire territory, except for rocky areas, is the relatively high abundance of the Steppe Tortoise (on average 15 sightings per day with a run of 20-120 km/day). At the same time, many Steppe Tortoises were also encountered in April, but some of them also did not come out of hibernation on May (several buried tortoises were noted, obviously not yet coming out of hibernation) or even August (see summer bird observation section). In spring 2024, the turtle's occurrence was estimated on automobile routes 7-9 times for 10-20 km. On average, the occurrence was 1.5 individuals/km of route. The population density of reptiles of other species was not estimated quantitatively.

5.3 Expected impact and recommendations

In general, the impact of wind farms on amphibians and reptiles has been studied very little. In particular, there are virtually no data on the effects on the species present in the project area. In this regard, one can focus on data on closely related and ecologically similar species in similar arid ecosystems.

With regard to one species of land turtles in desert ecosystems (in the conditions of the Southwestern United States), there is evidence that the survival rate of adult animals in the territory of the wind farm during the entire long-term study period, almost 20 years, remained slightly, but significantly higher than in neighboring areas not affected by the wind farm (Agha et al. 2015). The supposed reasons for this are: there was less traffic on the roads inside the wind farm than on public roads in the vicinity (roadkill is an important factor in the mortality of land turtles in the desert); ruderal plants, preferred by turtles as food, developed in areas disturbed by the construction of wind turbines; The predator pressure in the wind farm area was lower than in the neighboring undeveloped areas. In particular, such an important predator of turtles as the golden eagle was reliably rarely encountered and attacked turtles even more rarely in the wind farm area, which the authors attribute to the increased mortality of the golden eagle at wind turbines and to the golden eagles avoiding this area (Agha et al. 2015). Almost all of these considerations can be applied to the project area.

Recommendations

1. It is recommended to minimize the destruction and disturbance of habitats during the construction of the wind farm.

2. In order to reduce the negative impact on the turtle, as well as a number of other reptiles (steppe agama, lizard and all types of snakes) and the toad, it is necessary to develop measures to prevent these animals from getting onto the roads used during the construction and operation of the wind farm. At the same time, permanent roads should be equipped with crossings for amphibians and reptiles - probably in the form of pipes or wide passages under the roadbed. More specific designs of crossings should be developed later.

6 Invertebrates

6.1 Assessment of the current state

At the foot of the marginal ridges of the Northern Tien Shan, in the zone of foothill semi-deserts, wormwood-turf-grass plant communities prevail on northern (low-carbonate) sierozems. This zone is inhabited by desert and steppe fauna of foothill clay and loess plains. Its upper limit is at an absolute height of about 900 m above sea level. The invertebrate fauna is generally typical for northern-type deserts, quite rich and diverse, weakly affected by anthropogenic factors. According to preliminary estimates, the number of invertebrate species (*Invertebrata*) in the southeast and south of Kazakhstan approaches 100 thousand. And although it is believed that the invertebrate fauna has been poorly studied, and special reports devoted to this territory are absent, the presence of many unique, rare, endemic and relict species has been reliably established here. The extremely uneven state of knowledge does not allow us to give an exhaustive description, as does the great diversity of forms; we will focus only on some representatives of large detachments, using available indicative information on more or less studied groups.

6.2 Methods of collection and identification

Visual recording of large mobile arthropods (Arthropoda) was carried out on walking routes of at least 1.5 km, taking into account the coverage of all plant communities, relief features, and biotopes. A camera, binoculars, and GPS devices were used to accurately record the locations of the finds. The soil and vegetation were also examined for their detection, stones were turned over, and plant and organic remains were excavated. Invertebrates were collected manually, taking into account all major ecological groups: from the substrate using tweezers, from shelters and for sampling those with delicate and fragile coverings (accounting for coprobionts, campobionts, detritivores, cryptobionts), using nets for mowing (chortobionts, tamtobionts, phytophages) and entomological nets (aerobionts, pollinators) in various microhabitats: meadow vegetation, forest edges, shrubbery, forest litter. Particular attention was paid to representatives of the insect class (Insecta), including the orders Coleoptera, Hymenoptera, Lepidoptera (at the imago stage), as well as other groups of terrestrial invertebrates. Additional methods included catching phototaxons using a light source, setting Barber traps (necrophages, geobionts, cryptobionts), and fossobionts were counted by digging them up with an entomological shovel. For euthanasia (preservation and fixation) of the captured specimens, a 10% ammonia solution (ammonium hydroxide) was applied to cotton wool or paper towels in sealed containers (test tubes) or glass jars. The insects were placed inside for 10–20 minutes until completely fixed. This method ensures rapid immobilization with minimal damage to morphological features. For storage and initial processing after pickling, the specimens were placed on cotton wool pads in boxes or cuvettes. The optimal size of the pads is 10×21 cm, which allows preliminary viewing of specimens under a stereomicroscope without mounting and without repositioning. This method promotes gentle drying and prevents mechanical damage, especially to small forms during transportation. Materials on arachnids, isoptera, and parts of diptera insects, as well as larval stages, were fixed in 70% ethyl alcohol for morphological studies. Observations were recorded in a field diary, and part of the material selected in this way was fixed in a staining solution and transferred to entomological mattresses (arachnids collected in ethyl alcohol) for subsequent laboratory processing under a binocular microscope and determination of taxonomic affiliation. For identification and systematic processing, the collected samples were used keys and identifiers relevant to the fauna and adjacent regions [Ler, 2003; et al.]. All specimens were pre-sorted into taxonomic groups, taking into account morphological features visible at 10–40× magnification under a binocular (MBS-10 or similar) stereomicroscope. Particular attention was paid to diagnostic features such as antenna structure, wing venation, genitalia shape, and cuticular structure characteristics.

Field studies were conducted from July 18, 2025, to July 25, 2025. The coordinates of the sites are given in Table 6

Table 6 Coordinates of survey sites

| № | №№ площадок | Дата | Время* | Широта | Долгота |
|----|-------------|------------|-------------|------------|------------|
| 1 | M01 | 18.07.2025 | 5:00:26 PM | 44.5024167 | 73.6055433 |
| 2 | M02 | 19.07.2025 | 7:14:31 AM | 44.497565 | 73.5698 |
| 3 | M19 | 19.07.2025 | 1:10:33 PM | 44.7632823 | 73.2956693 |
| 4 | M21 | 19.07.2025 | 2:40:44 PM | 44.7643835 | 73.2443563 |
| 5 | M15 | 20.07.2025 | 11:47:38 AM | 44.6902417 | 73.361275 |
| 6 | M19 | 20.07.2025 | 9:32:28 AM | 44.749618 | 73.294832 |
| 7 | M11 | 21.07.2025 | 11:37:42 AM | 44.6170307 | 73.3927136 |
| 8 | M17 | 21.07.2025 | 7:21:21 AM | 44.7320567 | 73.3238517 |
| 9 | M07 | 22.07.2025 | 12:20:47 PM | 44.612425 | 73.49396 |
| 10 | P17 | 22.07.2025 | 7:27:12 AM | 44.59784 | 73.4422867 |
| 11 | M07 | 23.07.2025 | 6:57:09 AM | 44.6124467 | 73.4938767 |
| 12 | OHL VP 7 | 23.07.2025 | 5:10:21 PM | 45.1268516 | 73.9067483 |
| 13 | OHL VP 4 | 24.07.2025 | 12:33:00 PM | 44.1438817 | 73.7098917 |
| 14 | OHL VP 5 | 24.07.2025 | 7:41:10 PM | 43.9532017 | 73.6044383 |
| 15 | OHL VP 6 | 24.07.2025 | 6:20:40 AM | 45.06092 | 73.83464 |
| 16 | OHL VP1 | 25.07.2025 | 9:20:13 AM | 43.7400833 | 73.574255 |

*Route start time

Worms (Vermes)

Of this huge group, consisting of 4 types (annelids - more than 100 species, nemerteans - several species, primary cavity worms - several hundred species, flatworms - more than 100 species). In the territory, only helminths parasitizing vertebrates have been more or less studied. Of the nematodes, second only to insects in the number of species, several dozen species are also known - agricultural pests.

Mollusks (*Mollusca*)

This group of invertebrates inhabiting terrestrial biotopes is numerous in terms of species and population density. In the southern half of Kazakhstan, there are about 300 species from 69 genera of 36 families (Увалиева, 1990). The heavily peneplained Shu-Ilei Mountains are inhabited by representatives of 27 species from 17 genera and 14 families. Of these, 9 species are widespread with a palearctic range and species from the families *Buliminidae* (4), *Dradybatnidae* (3), *Hygrominidae* (3 species). Representatives of two ecological groups of mollusks are found here: species living on rocks, rubble screes, among stone blocks overgrown with xerophilic shrubs, and species living in intrazonal biotopes with psychrophilic vegetation. The malacofauna of the semi-desert zone is similar in species composition to that of the steppe zone, but in a slightly different ratio and consists of 17 xerophytic species adapted to an extremely dry climate. There is not a single endemic genus here, and endemics of the species rank belong to the genera *Carychium*, *Lindholmomneme*, *Xerosecta*, while a characteristic feature of the shell of mollusks of arid landscapes is the presence of a mouth fittings in the species. Background species should be considered the most widespread species of mollusks, usually having a palearctic range and occurring in large quantities, such as *Bradybaena lantzi*, *Ponsadenia semenovi*, *Angiomphalia regeliana*, *Pseudonapaeus seculinus*, *Oxyloma sarsi*, *Zonitoides nitidus*, *Pupilla muscorum* (Увалиева, 1990: 38-39). Their distribution is very uneven and is determined by the conditions of specific habitats, so completely waterless and devoid of vegetation areas are not populated by mollusks. In dry habitats, they gravitate towards depressions in the relief and water sources, where they can form dense populations. For many species of both invertebrates and vertebrates, mollusks are food objects, play a role in soil formation. They are also known as carriers and transmitters of

various parasites, where they are included in extremely diverse epizootological chains, serve as the most important transit link in the transmission of parasitic diseases, game animals and humans.

Arachnida

Arachnida, the most famous representatives of this class, represented in arid areas are ticks, scorpions, solpugas and spiders. Not being photoxenous, many large active forms (solpugas) gather under artificial light sources, which is associated with food attraction.

Ticks (*Acari*), only a relatively small number of species are parasites or carriers of human diseases, feeding on decomposing organic matter, they play an important role in the formation of soil humus, some representatives feed on the juice of cultivated plants and are considered agricultural pests.

Scorpions (*Scorpiones*), within the deserts and semi-deserts, only the *Buthidae* family is represented, consisting of 5 genera and 8 species. They are active at night and during the day they hide under stones, in cracks in the ground, destroyed buildings and other shelters. The food is most often insects, as well as arachnids, woodlice and other arthropods (*Arthropoda*).

Solpugas (*Solifugae*), are distributed mainly in desert, dry biotopes, the Asian fauna of which is characterized by the presence of 5 endemic genera (*Gylippus*, *Karschia*, *Gluviopsis*, *Triditarsus*, *Dinotrax*). Of the characteristic representatives, the genus *Galeodes* is especially numerous. They feed on insects and other invertebrates, and partly also small vertebrates, such as lizards.

Spiders (*Araneae*), the most numerous groups in the class, are able to react sensitively to the deterioration of the environmental situation due to pollution by industrial waste and can be successfully used as bioindicators. About 367 species of spiders, 127 genera and 32 families are classified as inhabitants of the desert and semi-desert zone (Виноградов, 1948). The largest number of species are cosmopolitan, or widely distributed forms. Notable are species of the *Lucosidae* families, smaller forms of *Gnaphosidae*, *Salticidae*, *Eresidae*, *Thomisidae*. As for the distribution of individual groups that make up the spider fauna of the desert zone, a significant enrichment of the species composition of spiders that constantly live in human dwellings is characteristic. In addition to the common genus *Tegenaria*, spiders of the *Lepthyphantes*, *Pholcidae*, *Uroctenidae*, *Agelinidae* and other families (Виноградов, 1948: 299).

Insecta

The most numerous groups of animals, and one of the most important for the circulation of substances in nature, and also playing a significant role in human life. The fauna of the group in Kazakhstan has not been studied enough, it consists of representatives of 28 orders, which is more than 550 families (Митяев, Казенас, Кащеев, 2005) and includes quite a lot of endemic, as well as relict species of scientific interest. According to the results of research in 2015, 459 species of insects belonging to 7 orders, 40 families, 253 genera were identified in the steppe zone (Кадырбеков, 2016). A striking example of ecological plasticity - the fauna of the southern semi-desert and desert regions is no less diverse, numerous groups are highly differentiated biologically, they are characterized by great morphological diversity, and the characteristic specific indicators are the features of the daily regime, behavior and seasonal cycle. According to preliminary forecast data, the fauna of terrestrial insects of the region includes at least 2000 species, including about 50 species of orthoptera, 150 species of homoptera, 200 species of hemiptera, 500 species of beetles, 400 species of hymenoptera, 350 species of lepidoptera, 300 species of diptera, and 50 species of all other insects (Мелдебеков et al., 2011).

Depending on the type of landscape, 5 main faunistic complexes can be distinguished: stony-desert, sandy-desert, clay-desert, saline and intrazonal meadow-steppe.

These complexes include all the main groups of invertebrates living in the desert zone.

However, the species composition of each complex is unique and depends on the ecological preferences of its representatives. Insects, for example, are tied to certain biotopes or groups of biotopes, which is determined by their connection with vegetation and microclimate, as well as the degree of ecological plasticity of the species.

A large group consists of species that live not only in one complex, but also in several, which is due to their more or less broad requirements for living conditions. At the same time, each section of any type of desert has small inclusions of other types, which allows the existence of species adapted to living in the conditions of these "alien deserts".

For example, in mountain rocky deserts there are small sandy, clayey or saline areas with characteristic species of invertebrates. Similar "alien" inclusions are also found in other deserts.

Typical species of invertebrates of the main ecosystem complexes

Stony-desert complex - *Amara aenea* De Geer, *Cleonis pigra* (Scopoli) -, *Mylabris sibirica* F.-W. , *Ocypus cupreus* (Rossi), *Prosodes rugulosa* Gebl , *Cicadatra querula* Pall., *Bembix bicolor* Rad. , *Cerceris flavicornis* Br., *Tachysphex incertus* Rad., *Cataglyphis aenescens* Nyl., *Formica pratensis* Retz., *Sphex funerarius* Guss., *Eumenes sareptanus* Andre, *Pontia daplidicae* (L.), *Euchloe pulverata* (Christoph), *Chazara enervata* (Alpheraky), *Melanargia russia* (Esper), *Oedipoda coerulescens* (L.), *Sphingonothus nebulosus* (Fischer-Waldh.), *Asiotmethis muricatus* (Pallas), *Decticus verrucivorus* (L.), *Mesobuthus eupaeus* Koch..

Sand-desert complex - *Julodis variolaris* Pall., *Scarites bucida* Pallas, *Lasiostola pubescens* (Pall.), *Opatrum sabulosum* L, *Carpocoris fuscipennis* Boheman, *Cicadatra querula* Pall., *Bembecinus tridens* (F.), *Bembix oculata* Panzer, *Bembix gracilis* Handl., *Oxybelus* spp., *Sphecius lutescens* (Rad.), *Tachysphex desertorum* F.Mor., *Cataglyphis pallidus* (Mayr), *Podalonia tydei* (Guillou), *Prionyx niveatus* (Dufour), *Prionyx viduatus* Christ., *Katamenes dimidiatus dimidiatus* (Brullé), *Pontia daplidicae* (L.), *Myrmeleon formicarius* L, *Dericorys tibialis* (Pallas), *Ochrilidia hebetata* (Uvarov, 1926).

Clay-desert complex - *Harpalus distinguendus* (Duftschmied, *Chrysolina graminis* (L.), *Theone silphoides* Dalm, *Chrysochares asiatica orientalis* Lopatin, *Cerocoma schreberi* (F.), *Adesmia gebleri* Gebler, *Pimelia cephalotes* Pall., *Graphosoma lineatum* L., *Cicadatra querula* Pall., *Aphis craccivora* Koch, *Cerceris bupresticida* Duf., *Lindenius albilabris* (F.), *Bembix bicolor* Rad., *Cerceris flavicornis* Br., *Liris nigra* (Lind.), *Oxybelus mucronatus* (F.), *Tachysphex mediterraneus* Kohl, *Cataglyphis aenescens* Nyl., *Messor aralocaspicus* Ruzsky, *Scolia* (*Scolioides*) *schrenckii* Eversmann, *Ammophila heydeni* Dahlbom, *Prionyx kirbii* (Lind.), *Prionyx subfuscatus* (Dahlb.), *Sphex flavipennis* Fabricius, *Polistes* (s. str.) *nimpha* (Christ), *Orgyia dubia* Tausch., *Tyta luctuosa* (Denis & Schiffermuller), *Colias erate* Esper., *Gonepteryx rhamni* (L.), *Pontia daplidicae* (L.), *Chazara enervata* (Alpheraky), *Mantis religiosa* L., *Ascalaphus macaronius* Schneider, *Arcyptera microptera* (Fischer-Waldh.), *Calliptamus italicus* (L.) , *Celes variabilis* (Pallas), *Dociostaurus kraussi* (Ingen.), *Oedaleus decorus* (Germar), *Ramulus bituberculatus* Redt., *Latrodectus tredecimguttatus* (Rossi).

Salty-desert complex - *Chrysochares asiatica orientalis* Lopatin, *Cicindela littoralis conjunctaepustulata* Dokht., *Bulaea lichatshovi* Hum., *Chromosomus verrucosus* (Gebler), *Anechura asiatica* Semenov, *Cerceris rubida* Jur., *Vespula* (*Paravespula*) *germanica* (F.), *Eremochares dives* (Brulle), *Epacromius tergestinus* (Charpentier), *Sphingonothus halophilus* Bey-Bienko, *Gryllotalpa unispina* Saussure, *Chrotogonus turanicus* Kuthy, *Pyrgomorpha bispinosa* Walker; *Lycosa singoriensis*; *Hemilepistus* sp..

Intrazonal meadow-steppe complex – *Calosoma sycophanta* L., *Plagionotus floralis* Pall., *Cetonia aurata* (L.), *Lipara lucens* Meigen, *Adelphocoris lineolatus* Goeze, *Lygus pratensis* L.,

Dolycoris baccarum L., *Aphis craccivora* Koch, *Bombus terrestris* L., *Glyptomorpha discolor* (Thunb.), *Cerceris tuberculata* Vill., *Trypoxylon scutatum* Chevrier, *Polistes dominula* Christ, *Vespa (Paravespa) germanica* (F.), *Lythria purpurata* (L.), *Carcharodus alceae* (Esper), *Thymelicus lineola* L., *Aricia agestis* (Denn. et Schiff.), *Eumedonia eumedon* Esper, *Lycaena phlaeas* (L.), *Polyommatus icarus* (Rott.), *Thersamonia thersamon* Esper, *Argynnis pandora* (Denn. et Schiff.), *Issoria lathonia* (L.), *Nymphalis urticae* (L.), *Vanessa cardui* L., *Papilio machaon* L., *Anthocharis cardamines* (L.), *Aporia crataegi* L., *Colias erate* Esper, *Chorthippus biguttulus* (L.), *Melanogryllus desertus* (Pallas), *Gryllotalpa unispina* Saussure, *Platycleis intermedia* (Audinet-Serville), *Tettigonia caudata* (Charp.); *Thomisus onustus* Walckenaer.

In addition to the listed ecological complexes, the region also has a complex of invertebrates associated with aquatic biotopes. Dragonflies (*Odonata*), mayflies (*Ephemeroptera*), stoneflies (*Plecoptera*), caddisflies (*Trichoptera*), some *Heteroptera*, beetles (*Coleoptera*), butterflies (*Lepidoptera*) and diptera live in aquatic biocenoses. Insect larvae sometimes make up a significant part of the population of water bodies, with diptera larvae and pupae forming a particularly large biomass. The composition of the inhabitants of water bodies depends on many factors, but primarily on the degree of water salinity.

A preliminary list of key indicator insect species of the region under consideration is presented in Annex.

It is important to note that many insect species are eurybionts, i.e. they can live in different conditions. They are usually polyphages, which can be part of several ecological complexes, and most species are background desert ones.

Rare and endangered species

According to the available preliminary data, there are 12 species listed in the Red Book from 7 orders (Red Data Book of RK, 2006):

- a. Dragonflies (*Odonata*): *Calopteryx virgo* and *Anax imperator*;
- b. Praying mantises (*Mantoptera*): *Bolivaria brachyptera*;
- c. *Orthoptera*: *Saga pedo*, *Ceraeocercus fuscipennis*;
- d. *Homoptera*: *Porphyrophora sophorae* and *Porphyrophora victoriae*;
- e. *Coleoptera*: *Dorcadion balchashense*, *Chilocorus bipustulatus*, *Stethorus punctillum*;
- f. *Hymenoptera*: *Sphex flavipennis*;
- g. *Lepidoptera*: *Coenonympha mongolica*.

The lack of accurate data in this regard indicates the need for effective measures for the general conservation of all biodiversity.

6.3 Expected impact and recommendations

Potential negative local impact on invertebrates (*Invertebrata*) during construction and further operation of the facility may be associated with: removal of the fertile soil layer, cutting of topsoil, soil compaction and removal of flora that serve as a food source for the phytophagous group, attraction of some groups by artificial light sources.

The main impact factors include physical impact during collisions with turbines, blades and towers; disturbance of the habitat: disruption of the migration route; attraction of phototoxic

insects (organisms that have the ability to be attracted by a light source).

The species diversity of the animal world at the planned site of the facility is limited in species richness and insignificant in numbers. The mortality of invertebrates (*Lepidoptera*, etc.) as a result of collisions with the designed wind farm installation is insignificant, due to the low longitudinal-axial speeds of the blades.

These above impacts are classified as insignificant or of medium significance.

Recommendations for reducing the impact on rare and endangered species of biodiversity

The following are recommended measures to reduce the impact during the construction phase:

- a. before the start of construction, in order to preserve and rationally use the fertile soil layer under the planned development, the fertile soil layer is cut off;
- b. after the completion of construction, the fertile soil layer from the piles is moved back, the excess can be used for landscaping the adjacent territories;
- c. use light sources with minimal glow in the UV region to illuminate work areas, during periods of mass emergence of some species, limit the duration of the glow (turn off for a period of about 2-3 hours, in the evening after sunset).

According to the results of the study of the zone of the planned activity, it was revealed that:

- a. significant accumulations of invertebrates were not identified in the vicinity of this facility based on the studied materials;
- b. the territory where the wind turbine is planned to be built is located outside the main migration routes of mass species of invertebrates.

Taking into account the above, the placement of wind turbines in the territory under consideration will not have a significant impact on the populations of protected animal species and the functioning of migration corridors of invertebrates (*Invertebrata*).

7 Plant survey

7.1 Introduction

The project involves the construction of six linear facilities (Fig. 1) in the Moinkumsky District of the Zhambyl Region. The work sites are adjacent to the wind farm site and are essentially a continuation of that project.

The linear facilities planned for construction include:

- A road from the village of Ulke leading to wind farms in the area south of and up to the village of Khanta (turquoise line)
- 35 kV power line to Kiyakhty 110 kV (green line)
- 35 kV power line to Kiyakhty 220 kV (lilac line)
- 500 kV power line from Mirny (PS-1) to YUKGRES (blue line)
- 500 kV power line from Mirny to Y Mirny (PS-1-PS-2) (yellow line)
- 500 kV power line route YM-Shu (orange line)

The technological process of construction and installation of these lines, as well as two substations (North and South) and a camp, involves partial or complete removal of the soil layer, movement of construction equipment, and temporary installation of construction material storage facilities. Thus, an impact on flora components is expected. In view of this, these comprehensive studies covered the planned construction sites in order to identify threats and the extent of the impact.

7.2 Information about collection sites, routes, and departure dates, as well as logistical support for research

Field research covered more than 200 km of the project area in the Zhambyl region.

To survey the site, work was carried out by car along the line of the specified objects. The survey route ran from the northern part of the planned road and the 500 kV power line to the south, covering the main directions of the planned work.

Stops were made along the route to inspect the site, describe the vegetation, and identify background landscape areas and areas with varying anthropogenic pressures on natural ecosystems. Where it was no longer possible to travel by car, the area was surveyed on foot.

During the botanical studies, descriptions were made to compile a floristic list of species growing in the project area, and a detailed route method was used to cover the maximum area to identify rare and endangered plant species, using a GPS navigator to pinpoint the coordinates of their exact location. The route survey also identified the main ecosystems within the specified lines.

Vegetation identification was carried out using:

- Illustrated Guide to the Plants of Kazakhstan (1969) Vol. 1, Vol. 2.
- Illustrated Guide to the Families and Genera of the Flora of Kazakhstan. Volume 1 (1999)
- The Identification Guide to the Plants of Central Asia (1968-1993),
- The online identification guide www.plantarium.ru.

The coordinates of the area were recorded using GPS devices and the Locus map program.

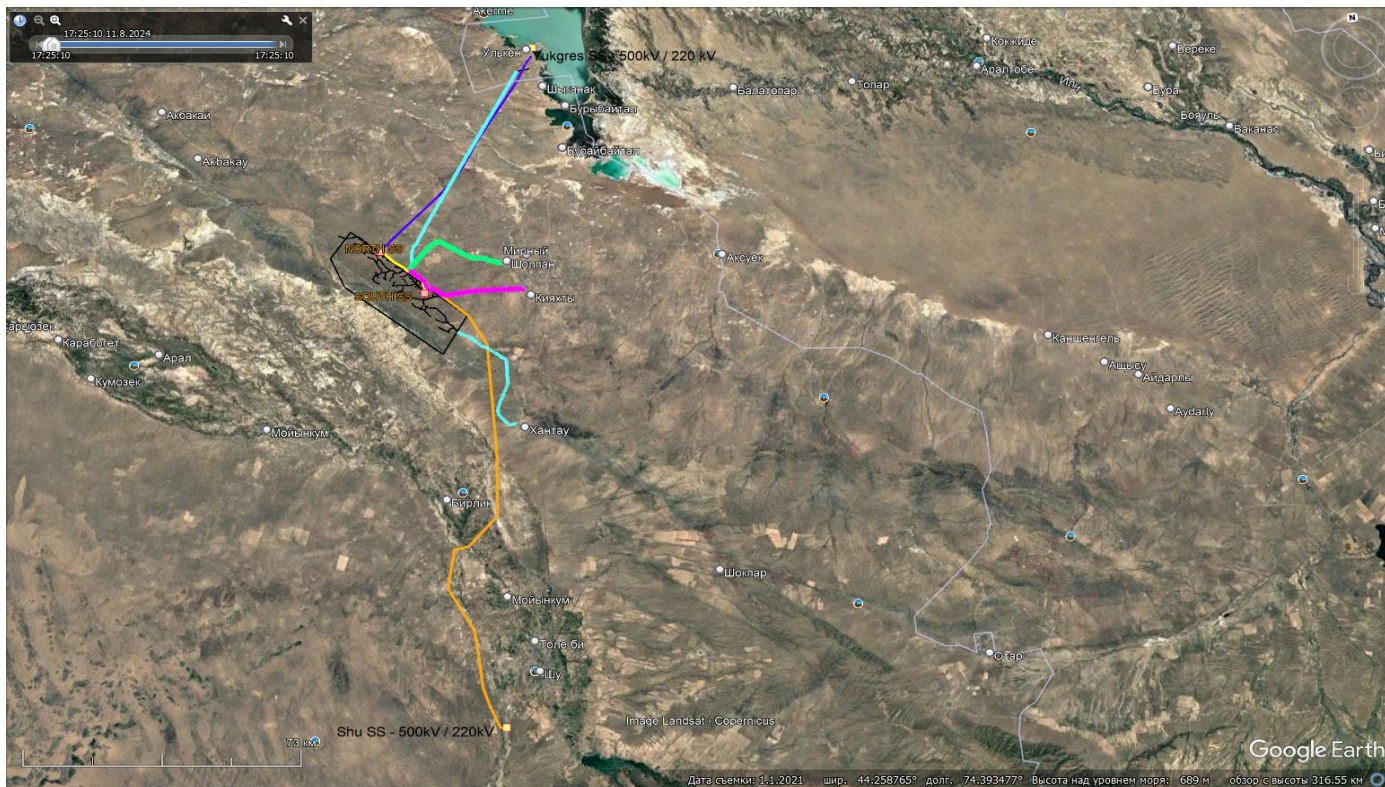


Fig. 43 – Satellite image showing the location of linear construction projects near the settlements of Ulke, Mirny, Kiyakhty, and Shu

7.3 Research result

The vegetation in the region under consideration belongs to several zonal groups, as the work site stretches from north to south for a distance of about 200 km and crosses them vertically.

The northernmost tip of the 500 kV power line route from Mirny (PS-1) YUKGRES and the new road from Ulke to PS Severnaya (Fig. 44) lies in a zone of rocky desert plains covered with wormwood and saltbush, including *Anabasis salsa*, *Nanophyton erinaceum*, *Artemisia maritime*, *A. sublessingiana*, and *Salsola arbusculiformis*. The site is part of the Aral-Balkhash soil province of flat territories with gray-brown desert soils. The predominant terrain here is arid denudation plains with shallow ridges.

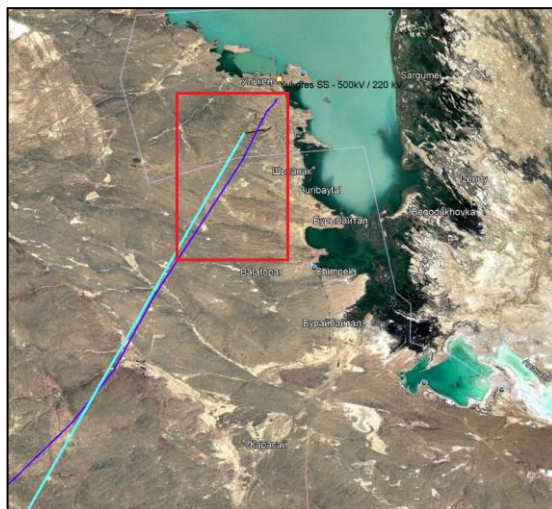


Fig. 44 – Northern section of the route

The central part of the site (includes the road, 500 kV power line from Mirny (PS-1) YUKGRES, 500 kV power line from Smirny to Yumirny (PS-1-PS-2), 35 kV power line to Kiyakhty 110 kV, 35 kV power line to Kiyakhty 220 kV, 500 kV power line YM-Shu and the wind farm site itself) (Fig. 45) mainly runs through a zone of complex grey wormwood-saltbush desert areas with a predominance of the grey wormwood-boialych complex (*Artemisia terra-albae*, *Salsola arbusculiformis*, *Anabasis salsa*, ephemerals), as well as wormwood-saltwort-grass rocky deserts (*Artemisia maritima*, *Artemisia incana*, *A. terra-albae*, *Festuca sulcata*, *Poa bulbosa*, *Salsola arbusculiformis*).

In this part of the site, as well as further north, loamy, gravelly, gray-brown desert soils with a clearly hilly relief prevail. As one moves southward, flat, undulating sandy-clay alluvial plains begin to form.

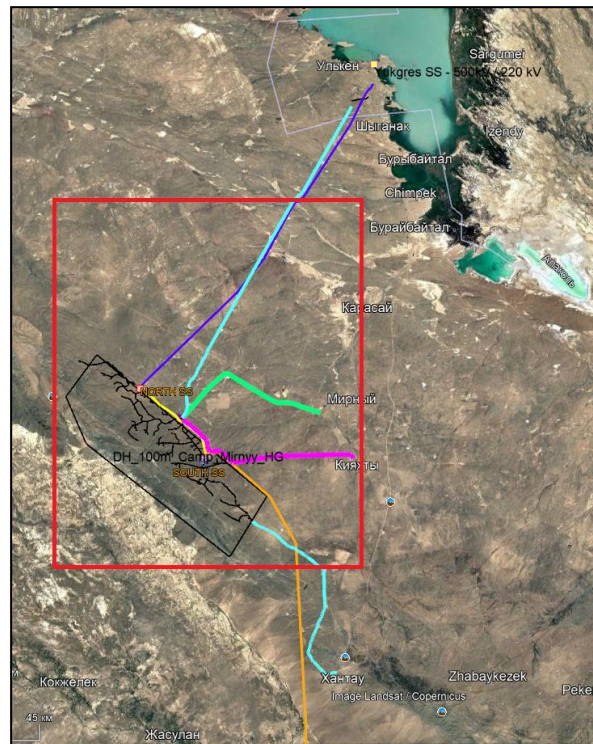


Fig. 45 – Middle section of works

The southern end of the work area (including the road and the 500 kV YUM-Shu power line) (Fig. 46) falls into the zone of gray wormwood deserts of the Northern Tien Shan (*Artemisia terra-albae*, ephemerals), and also affects the tugai-saltwort complex of the floodplains of the southern rivers: dzhigid-willow tugai forests, saltwort complexes, solonchak meadows, chia and tamarisk thickets in places of transition through floodplains and river beds. Here the Northern Tien Shan soil province with low-carbonate gray soils of the foothill semi-desert begins. The general relief of the area is formed by undulating-rolling clayey and loamy, in places gravelly foothill plains. Also indented floodplains of the Chu and Kuragata rivers.

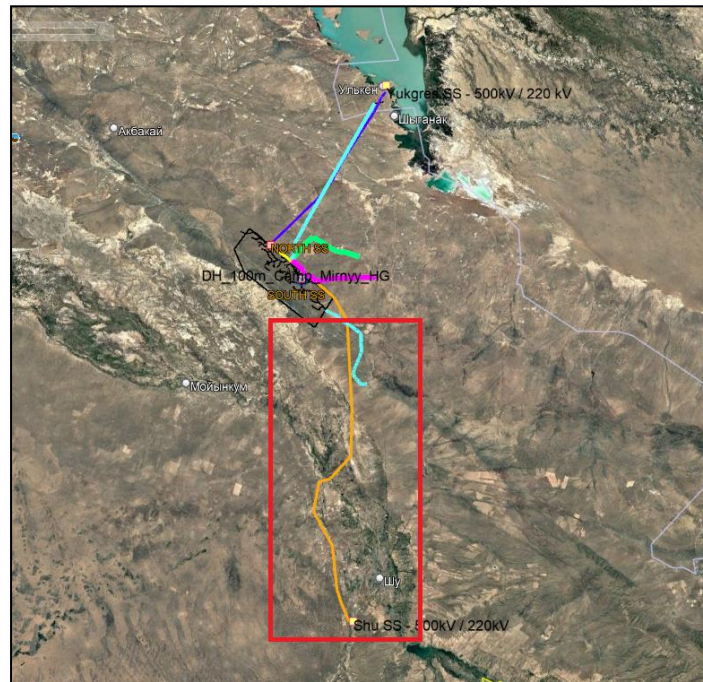


Fig. 46 – Southern part of the work site

In general, most of the territory is characterized by an active cenosis-forming species - the petrophyllous *Salsola arbusculiformis*. The most frequently encountered associations in the study area during the field trip were:

- Wormwood with ephemerals (*Tulipa biflora*, *Rheum tataricum*, *Artemisia turanica*+*A. terra-albae*),
- Boyalich with ephemerals on rubble outcrops (*Tulipa biflora*, *Rheum tataricum*, *Salsola arbusculiformis*)
- Wormwood-boyalich with ephemerals (*Tulipa Alberti*, *Tulipa behmiana*, *Rheum tataricum*, *Tulipa biflora*, *Salsola arbusculiformis*+ *Artemisia turanica*)
- Wormwood with teresken (*Kraschenikovia ceratoides*+*Artemisia terra-albae*)
- Saxaul forests (*Haloxylon aphyllum*)
- Kokpechniki (*Atriplex cana*)

Also, it is possible to separately highlight floodplain formations of the rivers crossing the planned lines. In the northern part of the route, they are crossed by low-water and sometimes drying up riverbeds of the Sarybastau, Karasai, Kiyakty, and Sarybulak rivers. Here, the vegetation is mainly represented by mesophilic meadow forms. To the south, the 500 kV YUM-Shu power transmission line crosses one of the largest transboundary rivers in the region, the Chu, and its left tributary, the Kuragaty River.

The Chu River valley (Fig. 47) has a rather complex relief, cut by numerous channels and stretches with sand deposits. At the place where the channel intersects with a line, the northern bank is more gentle, the southern bank is steep. The floodplain terrace is covered with saltwort complexes with the participation of *Anabasis salsa*, *Salsola lanata*, *Pyankovia brachiata*, *Halocnemum strobilaceum*. TPP - 30-40%. Takyr are also noted here.



Fig. 47 – Chu River Valley at the points of intersection of the river with the 500 kV YUM-Shu power transmission line

The floodplain of the Kuragata River (Fig. 48) is represented by dense dzhigida-willow tugai forests on both sides (*Salix* sp + *Elaeagnus commutata*). The floodplain terrace is composed of complexes of white-earth wormwood-ephemeral (*Poa bulbosa* + *Artemisia terra-albae*), in places with saltwort (*Salsola lanata*, *Pyankovia brachiata*) and azhrek (*Aeluropus littoralis*) and zhantakovo-ephemeral (*Poa bulbosa* + *Alhagi pseudalhagi*), feather-grass-ephemeral-white-earth associations with a TPP of 40-60%.



Fig. 48 – Floodplain and above-floodplain terrace of the Kuragata River.

During the field inspection of the territory, a place where a turanga grove (*Populus diversifolia*) grows (about 30 trees) was also identified, 200 meters from the planned 35 kV line to Kiyakhty 220 kV (Fig. 49). Particular attention should be paid to this location during the construction period and field camps for workers, movement and stopping of equipment, construction of warehouses, etc. should not be allowed in this location, due to the fact that turanga is a relic with a limited habitat.

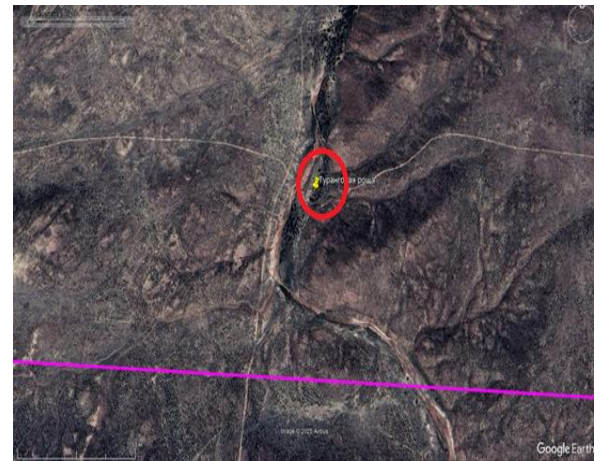
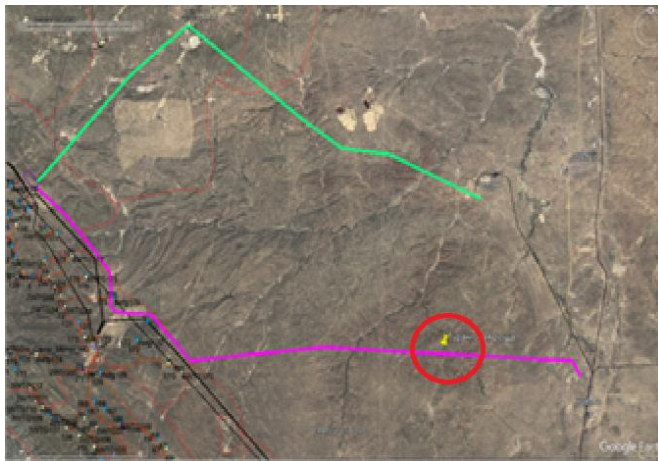


Fig. 49 – Satellite image of the location of the turanga grove near the 35 kV highway to Kiyakhty 220 kV

The areas planned for construction of the southern and northern substations and the camp were examined in detail. Since the construction of these facilities involves complete clearing of the upper soil and vegetation layer in some places, the territory will experience the greatest pressure and risks for rare flora.

Southern substation



Fig. 50 – South Substation Section

The construction site of the Southern substation is located on the flattened top of the hill. The southern and western slopes of the hill are composed of a bogbean-ephemeral-turf grass community (*Tulipa alberti* + *Allium sp* + *Ferula ovina* + *Poa bulbosa* + *Salsola arbusculiformis*) with a total projective cover of 60-70% along the slope, and 1-2% at the top of the hill. Here, a species listed in the Red Book of the Republic of Kazakhstan is noted - Albert tulip (*Tulipa alberti*). The abundance of Albert tulip on the site is in separate spots up to 6-7 pcs/m² at the top of the hill, up to 12-13 pcs/m² along the slope and below. The total area of *Tulipa alberti* growing sites is about 10 m² on average. The number of such growing areas here is about 10.

The northern and northwestern slopes are densely covered with bluegrass (*Poa bulbosa*) (TPC-80-90%), but unevenly and with separate spots with TPC - 10-20%.

The eastern slope is predominantly bluegrass with poppy (*Papaver pavoninum*, *Poa bulbosa*). The total projective cover is 50-60%.

«Camp» Site

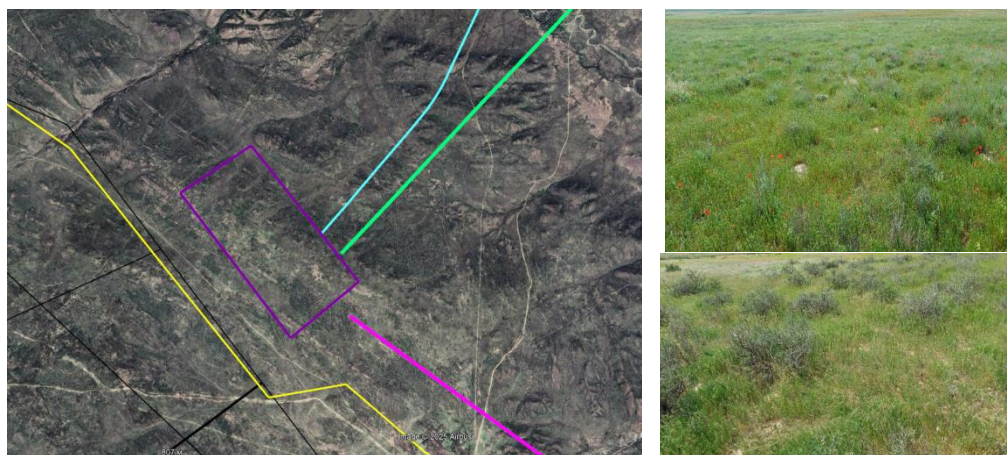


Fig. 51 – «Camp» Site

The plot is rectangular in shape, 900 m x 400 m, located on a gently undulating-sloping plain. On the territory of the Camp plot, the vegetation is represented by a complex of associations.

Most of the plot includes communities of ephemerals (*Papaver pavoninum* + *Poa bulbosa* + *Salsola arbusculiformis*), in places turning into bluegrass (*Poa bulbosa*). TPP is up to 40% and the grass height is 20-30 cm.

Also, significant areas within the Camp have a knocked-down nature of communities and are represented by wormwood-ruderal (*Eremopyrum triticeum* + *Descurainia Sophia* + *Artemisia terra-albae*) and mortuka patches (*Eremopyrum triticeum*) with TPP up to 60%. In some places, the weed species *Descurainia Sophia* is quite abundant, forming entire glades, not only on the site of the planned camp, but also beyond it. The greatest decorative value here is the peacock poppy (*Papaver pavoninum*), which forms entire scarlet glades in April-early May. The species is not listed in the Red Book of the Republic of Kazakhstan, but requires careful handling due to the ephemerality and decorative nature of the species.

Northern substation

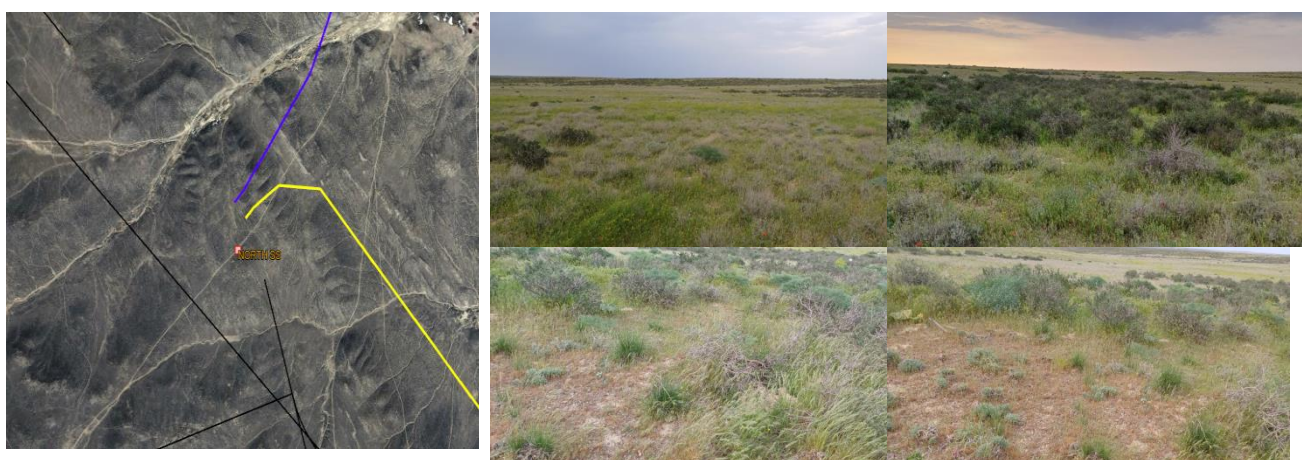


Figure 52 – Northern Substation Section

The construction site is a gently undulating, sloping plain.




The site is covered with wormwood and ephemerals (*Papaver pavoninum* + *Alyssum turcestanicum* + *Rheum tataricum* + *Poa bulbosa* + *Salsola arbusculiformis*) in combination with turf grass associations (*Stipa* sp. + *Anisantha tectorum*). OPP is 50-60%.






The complex also includes dense communities (*Descurainia Sophia* + *Artemisia terra-albae*), (*Ceratocephala orthoceras*).


Of the rare species on the site, the two-flowered tulip (*Tulipa biflora*) was noted; the species is listed in the Red Book of the Republic of Kazakhstan. The abundance of the species on the site is small - in several places, 1-2 pcs/m². Also noted is the Alberta tulip (*Tulipa alberti*) – 3 pcs/m² on a total growing area of 50 m².

7.4 Rare species of flora at the work site

During the field survey of the territory, plant species listed in the Red Book of the Republic of Kazakhstan, the International Red List of IUCN (*), protected or requiring special attention during the work were identified in the areas of the planned works. Below is a list of species noted in the area.

| Species | Species status, location |
|---|---|
| Tulip Alberta (<i>Tulipa alberti</i>) (Photo Senyak E.)  | IUCN  Red Book of the Republic of Kazakhstan Endemic to the Balkhash region, Chu-Ili Mountains and Southern Kazakhstan. The species was noted throughout the work area in all directions, with varying degrees of abundance. Most often in small, scattered groups. |
| Bema tulip (<i>Tulipa behmiana</i>) (Photo Senyak E.)  | Endemic to the Balkhash region. The species is noted in the northern part of the section of the planned road and the 500 kV power line from Mirny. Approximately from the village of Ulken and further south along the line for 30 km. It is found separately in separate groups of 10-15 pieces, or forms clearings in places, with a total area of 150-200 m ² . |
| Biflora tulip (<i>Tulipa biflora</i>) (Photo Senyak E.) | Red Book of the Republic of Kazakhstan |

| | |
|--|--|
|  | <p>It is noted in the northern part of the planned road line and the 500 kV power transmission line from Mirny and on the site of the Northern substation. It is found singly, sporadically, in small abundance: 2-3 pcs/m²</p> |
| <p>Regel tulip (<i>Tulipa regelii</i>) (Photo E. Evdokimov)</p>  | <p>IUCN  Red Book of the Republic of Kazakhstan Endemic to the Chu-Ili Mountains</p> <p>The species was repeatedly noted during previous visits to the site, especially in its southeastern end, it affects sections of the 500 kV YUM-Shu power line, the 35 kV power line to Kiyakhty 220 kV, and roads. It is encountered sporadically.</p> |
| <p>Euphrates poplar (<i>Populus diversifolia</i>) (Photo Senyak E.)</p>   | <p>Relict</p> <p>It is a rare relict species. A small grove of about 30 trees has been noted 200 m north of the power transmission line in the floodplain terrace of the river crossing the eastern end of the 35 kV power transmission line to Kiyakhty 220 kV. Grove coordinates: 44.588721° 73.759841°</p> |
| <p>Black saxaul (<i>Haloxylon aphyllum</i>) (Photo Senyak E.)</p> | <p>Moratorium on logging Order of the Minister of Ecology dated October 30, 2024 "On the ban on logging in saxaul forests in areas of the state forest fund" until December 31, 2028. Order of the Chairman of the Committee on Forestry and Wildlife of the Ministry of</p> |

| | |
|---|--|
|  | <p>Agriculture of the Republic of Kazakhstan dated August 13, 2015 No. 211 "On the ban on logging in saxaul plantations in areas of the state forest fund"</p> <p>Saxaul forests are noted everywhere on all sections of the planned lines. Below is an approximate calculation of the possible number of trees to be cut down on each section of work.</p> |
|---|--|

*Status of the species in the International Union for Conservation of Nature (IUCN) Red List: EX - Extinct;

EW - Extinct in the Wild
CR - Critically Endangered
EN - Endangered
VU - Vulnerable
NT - Near Threatened
LC - Least Concern
DD - Data Deficient
NE - Not Evaluated

Below are the coordinates of the areas where Black Saxaul (*Haloxylon aphyllum*) grows, which are subject to partial demolition during the construction of power transmission lines and roads, and the approximate number of trees to be demolished in a conventionally accepted 10-meter work strip.

| Powerline | Coordinates | Number of trees to be removed |
|----------------------------------|--------------------------|-------------------------------|
| 500 kV VL Mirny (PS-1) YUKGRES | 45.030010° 73.802799° | About 820 pcs. |
| 500 kV VL Mirny (PS-1) YUKGRES | 44.995024° 73.765839° | About 15 pcs. |
| 500 kV VL Mirny (PS-1) YUKGRES | 44.968342° 73.739604° | About 150 pcs. |
| 500 kV VL Mirny (PS-1) YUKGRES | 44.927272° 73.703063° | About 20 pcs. |
| 500 kV VL Mirny (PS-1) YUKGRES | 44.751501° 73.446741° | About 7 pcs. |
| 500 kV VL Mirny (PS-1) YUKGRES | 44.726451° 73.405342° | About 7 pcs. |
| Road | 44.878516° 73.649427° | About 11 pcs. |
| Road | 44.800106° 73.576186° | About 260 pcs. |
| Road | 44.673919° 73.488583° | About 35 pcs. |
| Road | 44.716838° 73.498908° | About 11 pcs. |
| Road | 44.729498° 73.514535° | About 305 pcs. |
| Road | 44.742662° 73.524983° | About 55 pcs. |
| 35 kV power transmission line to | 44.584076° | About 46 pcs. |

| | | |
|--|--------------------------|----------------|
| Kiyakhty 220 kV | 73.834745° | |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.586181° 73.775124° | About 105 pcs. |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.584690° 73.597946° | About 22 pcs. |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.596115° 73.568095° | About 30 pcs. |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.600978° 73.561481° | About 17 pcs. |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.603917° 73.549209° | About 10 pcs. |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.636539° 73.510338° | About 35 pcs. |
| 35 kV power transmission line to Kiyakhty 220 kV | 44.650548° 73.489773° | About 10 pcs. |
| 500 kV VL Mirny-Yu Mirny (PS-1-PS-2) | 44.693385° 73.416618° | About 11 pcs. |
| 500 kV VL Mirny-Yu Mirny (PS-1-PS-2) | 44.682693° 73.430279° | About 15 pcs. |
| 500 kV power line YUM-Shu | 44.558181° 73.615882° | About 15 pcs. |
| 35 kV power transmission line to Kiyakhty 110 kV | 44.670594° 73.491996° | About 600 pcs. |
| 35 kV power transmission line to Kiyakhty 110 kV | 44.679290° 73.504225° | About 20 pcs. |
| 35 kV power transmission line to Kiyakhty 110 kV | 44.703465° 73.538036° | About 57 pcs. |
| 35 kV power transmission line to Kiyakhty 110 kV | 44.723693° 73.573760° | About 230 pcs. |
| 35 kV power transmission line to Kiyakhty 110 kV | 44.724609° 73.588974° | About 120 pcs. |

Also, according to literary data, the territory in question is conditionally included in the habitat of the endemic and relict of the Tertiary period - Nedzvetskya semirechenskaya (*Incarvillea semiretschenskia* B. Fedtsch.). The species is included in the IUCN Red List with the EN status, and is included in the Red Book of the Republic of Kazakhstan.



Fig. 53 - Nedzvetsky Semirechensk (*Incarvillea semiretschenskia* B. Fedtsch.)
(photo V.Epiktetov)

At the moment, only a few locations of growth of this species are reliably known. New points, conventionally called in the circle of scientists: "Rusanov-Belyalova Point", "Suvorov Point" and "Belyalova Point" required confirmation. In the summer of 2024, these points were successfully confirmed by a research expedition of the Institute of Botany and Phytointroduction of the Republic of Karelia. According to the expedition track, the areas of growth of Nedzvetskii Semirechenskii are not included in the boundaries of the construction site. Below is a screenshot of the expedition track with confirmed locations of growth of the relic (Fig. 12).

However, despite the carefully conducted cartographic and space surveys throughout the Chu-Ili Mountains, according to Wintergoller B.A. (2015), there is no definitive idea of the range of Nedzvetskii Semirechenskii yet. In this case, the hypothetical probability of its growth near the work site remains. And if plants are discovered during construction work, it is necessary to immediately suspend all activities and report the discovery to the chief ecologist of the enterprise, as well as notify representatives of the Institute of Botany and Phytointroduction!

7.5 Identified threats to the area flora

Construction period

The construction process involves:

- complete removal of the PSP (and vegetation along with it),
- arrangement of warehouses for building materials and removed PSP,
- clearing the territory of trees in the places necessary for that,
- movement of construction equipment (both physical and chemical impact on vegetation and soils),
- dusting from equipment.

The situation is also complicated by the lack of field roads along the lines under construction, as a result of which the equipment will move across virgin territories. Thus, during the construction of the specified linear facilities, the vegetation will experience excessively high loads, up to complete destruction in the areas of laying the roadbed, construction of the southern and northern substation, camp, as well as in certain areas of installation of power transmission line facilities.

Due to the discovery of rare and endangered plants in the work areas, damage may be caused to populations of such species as: Albert tulip, Boehm tulip, two-flowered tulip, Regel tulip, black saxaul.

In accordance with the legislation of the Republic of Kazakhstan, for damage caused to red-listed and rare species, the nature user is obliged to compensate for the damage in the amount of the approved rates of payment at the current moment for each individual or specimen. When making a decision on the removal of rare and endangered plant species from the natural environment, their parts or derivatives, the volumes of such removals, the amount of payment and the term of its payment are established in each individual case by the Government of the Republic of Kazakhstan (Tax Code of the Republic of Kazakhstan).

It is also recommended to be guided by the following documents:

- Order of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated February 23, 2023 No. 60 "On approval of standards for compensation for losses of flora"
- Order of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated February 23, 2023 No. 61 "On approval of base rates for calculating the amount of damage caused by violation of the legislation of the Republic of Kazakhstan in the field of protection, protection, restoration and use of flora"
- Order of the Minister of Ecology and Natural Resources of the Republic of Kazakhstan dated February 23, 2023 No. 63 "On approval of the Rules for the transfer of naturally growing rare and endangered plant species under the protection of land owners, land users and water users".

Also, in view of the possible large volumes of felling of trees and shrubs (Black saxaul (*Haloxylon aphyllum*)), and the presence of the Zhusandalinskaya state nature reserve zone (GZZ) (without the status of a legal entity) - sections of the 35 kV power transmission line to Kiyakhty 220 kV (partially affects the

GZZ), the road (the southern part of the road is completely in the GZZ), the 500 kV YUM-Shu power transmission line (the northern part is in the GZZ) (Fig. 13), it is worth considering that according to Article 13 Establishment of a restriction (suspension) of the right to use wild plants of the Law "On the Plant World" In order to preserve the plant world, state bodies and local executive bodies, within their competence, may establish a restriction (suspension) of the right to use wild plants in the following cases:

- 1) in case of threats to individual plant species, their populations, communities and habitats, preservation of the plant gene pool;
- 2) to maintain the unique species diversity of the territory, as well as a rare or typical natural landscape;
- 3) on land plots reserved for the creation or expansion of specially protected natural areas, as well as located in the security zones of specially protected natural areas, in accordance with the legislation of the Republic of Kazakhstan in the field of specially protected natural areas;
- 4) on plots of the state forest fund in accordance with the forest legislation of the Republic of Kazakhstan;
- 5) on plots of land, water bodies with rare and endangered, endemic and relict plant species;
- 6) on plots of land provided and used for scientific research;
- 7) on plots of land with plants that have undergone degradation and require work to restore them;
- 8) in other cases established by the legislation of the Republic of Kazakhstan.

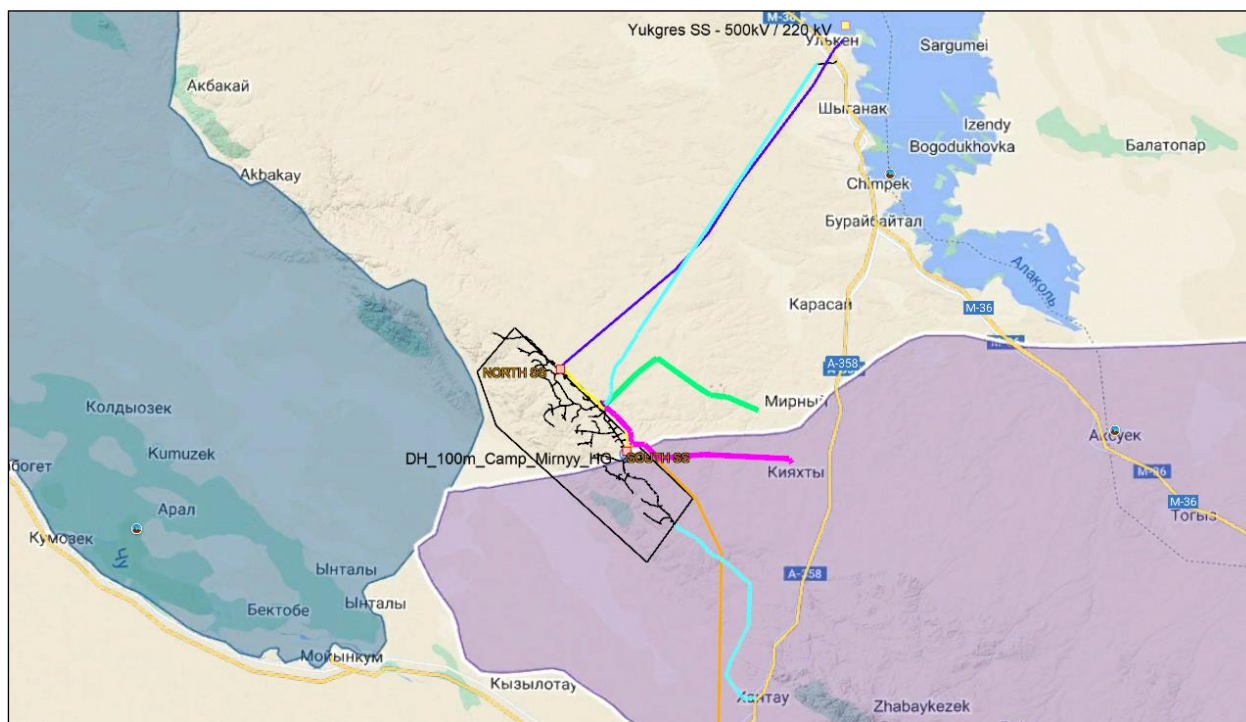


Figure 54 – Scheme of the boundaries of the Zhusandalinsky state nature reserve zone (light lilac area) and planned construction sites.

In general, disturbance of the vegetation cover to one degree or another is expected over an area of about 200 km² (length – 200 km, width of the boundaries of the zone of influence – 1 km (500 m on both sides of the line)).

Among the disturbed and removed communities, the most prevalent are the boyalych and wormwood-boyalych formations with ephemerals.

Operation period

During the operation of the road and high-voltage lines, some impact on flora components is also expected.

Chemical pollution of air and soil by exhaust gases and technical fluids of cars, particles of worn tires and road surfaces together with rainwater and dust get into the ground. Vegetation near roads actively accumulates heavy metals. Which gradually leads to a weakening of plant productivity, premature aging, an increase in damage to vegetation by various diseases and pests.

Power transmission lines (PTL) can have a negative impact on flora. Under the influence of electromagnetic radiation from PTL, functional and structural changes occur at the molecular level, which disrupt the processes of plant growth and development. For example, in the zone of influence of PTL, the concentration of the main pigments of photosynthesis in plant tissues changes, oxidative stress develops.

Also, in the protected zones of PTL, a gradual change in the species composition of vegetation occurs. This leads to the depletion of biodiversity and disruption of food chains.

RECOMMENDATIONS FOR REDUCING THE LOAD ON FLORA COMPONENTS

| Type of activity | Activity | Expected effect |
|---|--|--|
| <i>Movement of construction equipment</i> | Prevent spills of fuel and building materials at the construction site | Prevention of chemical impact on flora and soil |
| | Moistening of dusty surfaces of roads and warehouses of PSP and building materials | Исключение запыленности поверхности листовых пластинок растений. |
| <i>Removal of the fertile soil layer</i> | In areas where rare tulips and poppies grow abundantly, as well as on the construction sites of the Southern and Northern substations and the camp, the fertile soil layer should be removed to a depth of 15-20 cm in June-July (after sowing the seeds from the boxes). The soil with the seeds is transported to a safe distance in similar conditions, poured out and leveled manually. DO NOT REUSE! Thus, the plants will be transplanted to a safe similar place. | Elimination of dustiness of the surface of plant leaf blades. |
| <i>Workers' activities</i> | Prohibition of burning dry grass | Compliance with fire safety regulations |
| | Ban on picking wild berries and mushrooms | Compliance with safety regulations |
| | Storage of waste in strictly designated and regulated places | Предотвращение захламление территории прилегающей к трассе бытовыми и строительными отходами |
| | Prohibition of discharge of wastewater onto terrain and into water bodies | Preventing littering of the area adjacent to the highway with household and construction waste |
| | Ban on washing equipment in nearby bodies of water | |
| | Installation of bio-toilets for workers | |

| | | |
|--|---|--|
| <p><i>Demolition of trees</i></p> | <p>According to Article 36 of the Law "On the Plant World" dated January 2, 2023, compensatory plantings are provided in the following amounts:</p> <p>1. In case of cutting down of green spaces with the permission of the local executive body, as well as their death on the territory adjacent to buildings, structures owned or used by individuals or legal entities - in a 10-fold amount;</p> <p>2. In case of illegal removal (cutting) of green spaces or their damage leading to their death - in a 50-fold amount.</p> <p>In case of illegal removal (cutting) of green spaces included in the list of rare and endangered plant species, or their damage leading to their death, compensatory plantings are carried out in a 100-fold amount.</p> | <p>Restoration of green spaces along the projected lines</p> |
|--|---|--|

Annexes

Annex 1.1 Observations with vantage points in September-November 2024, Project area

| Poin t № | Date | Time | Temper ature | Wind speed, m/s | Wind direction | Cloudine ss, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20- 200 m),m.s | Band 3 (>200 m),m.s | Note |
|-------------|----------------|-----------------|-----------------|--------------------|-------------------|-------------------|----------------------|---------------|-------------------|---------------------|---------------------|-----------------------|---------------------------|------------------------|-----------------|
| M01 | 04.10. 2024 | 15.00- 18.00 | 22 | 5.2 | NEE | 0 | Circus sp. | 1 | 15.00 | 20 | E | 1.25 | | | 500 m NE/ 211 |
| M01 | 04.10. 2024 | 15.00- 18.00 | 22 | 5 | NEE | 0 | Buteo sp. | 1 | 15.10 | 50 | NEE | | 1.47 | | 500 m E/ 87 |
| M01 | 04.10. 2024 | 15.00- 18.00 | 18 | 5 | NEE | 0 | Buteo sp. | 1 | 15.13 | 30 | NE | | 2.56 | | 500 m NE/ 50 |
| M01 | 04.10. 2024 | 15.00- 18.00 | 18 | 5 | NEE | 0 | Buteo sp. | 1 | 15.20 | 40 | NW | | 3.28 | | 500 NW/ 315 |
| M01 | 04.10. 2024 | 15.00- 18.00 | 18 | 6.7 | NEE | 10 | Buteo sp. | 1 | 16.11 | 10 | NE | 2.44 | 2.21 | | 500 m E/ 109 |
| M01 | 04.10. 2024 | 15.00- 18.00 | 16 | 4.6 | NEE | 10 | Aquila nipalensis | 1 | 17.03 | 30 | N | 0.08 | 0.09 | | 1000 m NE/ 70 |
| M01 | 04.10. 2024 | 15.00- 18.00 | 16 | 4.8 | NEE | 10 | Pterocles orientalis | 4 | 17.22 | 10 | N | 0.45 | | | 300 m SW/ 233 |
| M01 | 06.10. 2024 | 08.00- 11.00 | 15 | 4.2 | S | 100 | Aquila nipalensis | 1 | 10.05 | 20 | SE | 0.24 | | | 1000 m S/ 240 |
| M01 | 06.10. 2024 | 08.00- 11.00 | 17 | 4 | S | 100 | Pterocles orientalis | 1 | 10.20 | 10 | SSE | 1.56 | | | 1500 m SE/ 145 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 17 | 2 | E | 0 | Pterocles orientalis | 1 | 08.07 | 7 | N | | 0.45 | | on the point |
| M01 | 24.09. 2024 | 08.00- 11.00 | 17 | 2.1 | E | 0 | Pterocles orientalis | 2 | 08.12 | 12 | NW | 1.00 | | | on the point |
| M01 | 24.09. 2024 | 08.00- 11.00 | 18 | 2.2 | E | 0 | Falco tinnunculus | 1 | 08.52 | 100 | N | 0.48 | | | 2000 m W/ 280 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 18 | 2.1 | E | 0 | Falco tinnunculus | 1 | 09.13 | 20 | E | | 3.30 | | 1500 m NW/ 225 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 20 | 2 | E | 0 | Pterocles orientalis | 1 | 09.21 | 10 | SW | | 04.01 | | on the point |
| M01 | 24.09. 2024 | 08.00- 11.00 | 24 | 2.5 | E | 0 | Accipiter nisus | 1 | 09.33 | 150 | SW | | 3.13 | | 1500 m NWW/ 290 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 25 | 2.1 | E | 0 | Falco tinnunculus | 1 | 09.57 | 50 | SWW | | 1.41 | | 500 m NNW/ 240 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 27 | 2 | NEE | 0 | Buteo rufinus | 1 | 10.03 | 50 | circle | | 5.11 | | 2000 m SE/ 125 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 27 | 2.4 | NEE | 0 | Pterocles orientalis | 1 | 10.10 | 10 | Sitting | | | | 200 m E/ 82 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 27 | 2.7 | NEE | 0 | Falco tinnunculus | 1 | 10.18 | 150 | circle | | 3.30 | | 2000 m N/ 8 |
| M01 | 24.09. 2024 | 08.00- 11.00 | 27 | 2.7 | NEE | 0 | Buteo rufinus | 1 | 10.20 | 150 | circle | | 2.32 | | 15000 m NNE/ 20 |

| | | | | | | | | | | | | | | | |
|-----|----------------|-----------------|----|-----|-----|-----|------------------------------|----|-------|----------------|---------|------|-------|------|----------------------------------|
| M01 | 24.09. 2024 | 08.00- 11.00 | 27 | 2.7 | NEE | 0 | Pterocles orientalis | 1 | 10.32 | 10 | Sitting | | | | on the point |
| M01 | 24.09. 2024 | 08.00- 11.00 | 28 | 2.2 | NEE | 0 | Falco tinnunculus | 1 | 10.35 | 150 | circle | | 3.11 | | 500 m NW/ 315 |
| M01 | 30.09. 2024 | 08.00- 11.00 | 9 | 5 | SW | 30 | Aquila sp. | 1 | 08.12 | 100 | SW | | 01.32 | | on the point |
| M01 | 30.09. 2024 | 08.00- 11.00 | 12 | 5 | W | 30 | Falco tinnunculus | 1 | 09.19 | 30 | SW | | 01.25 | | on the point |
| M01 | 30.09. 2024 | 08.00- 11.00 | 12 | 5 | W | 30 | Aquila sp. | 1 | 09.21 | 150 | circle | | 01.49 | | 1000 m SW/ 217 |
| M01 | 30.09. 2024 | 08.00- 11.00 | 12 | 5 | W | 30 | Aquila nipalensis | 1 | 09.28 | 200 | W | | | 2.33 | on the point |
| M01 | 30.09. 2024 | 08.00- 11.00 | 17 | 5 | SW | 30 | Aquila sp. | 1 | 10.38 | 200 | circle | | | 0.54 | 1000 m SW/ 234 |
| M01 | 09.11. 2024 | 09.50- 11.50 | 3 | 3.5 | SSW | 100 | Circus sp. | 1 | 09.59 | 20- | SW | 0.36 | | | 100 m NW |
| M01 | 09.11. 2024 | 09.50- 11.50 | 3 | 3 | SSW | 100 | Grus sp. | 3 | 10.35 | 50-100 | SW | | 0.48 | | 1500 m SW |
| M01 | 09.11. 2024 | 09.50- 11.50 | 4 | 3.2 | SSW | 100 | Tadorna ferruginea | 5 | 10.47 | 20-50 | SSW | | 0.32 | | 1000 m SE |
| M01 | 09.11. 2024 | 13.10- 14.10 | 4 | 6.2 | SSW | 100 | Circus sp. | 1 | 13.12 | 40-60 | S | 0.15 | 0.18 | | 1800 m W |
| M01 | 12.11. 2024 | 11.50- 14.50 | 3 | 1.5 | NE | 100 | Anatidae | 6 | 11.50 | 100-150 | W | | 1.30 | | 1000 m NE |
| M01 | 12.11. 2024 | 11.50- 14.50 | 3 | 2.1 | NE | 100 | Anser anser | 60 | 12.05 | 200+ | SW | | | 1.24 | 700 m N |
| M01 | 12.11. 2024 | 11.50- 14.50 | 3 | 1.4 | NE | 100 | Anatidae | 24 | 13.39 | 150-180 | W | | 0.24 | | 500 m N |
| M02 | 06.10. 2024 | 15.00- 18.00 | 24 | 1 | SW | 90 | Falco tinnunculus | 1 | 15.01 | 40 | E | | 3.11 | | on the point |
| M02 | 06.10. 2024 | 15.00- 18.00 | 22 | 1,5 | SW | 90 | Buteo sp. | 1 | 15.28 | 100 | W | | 1.55 | | on the point |
| M02 | 07.10. 2024 | 08.00- 11.00 | 11 | 4 | SE | 20 | Falco tinnunculus | 1 | 08.41 | 40 | circle | | 3.42 | | 700 m N |
| M02 | 07.10. 2024 | 08.00- 11.00 | 12 | 4 | SE | 20 | Pterocles orientalis | 1 | 08.42 | 20 | NE | 0.20 | | | 200 m N |
| M02 | 07.10. 2024 | 08.00- 11.00 | 16 | 5 | SE | 20 | Falco tinnunculus | 1 | 10.09 | 10 | E | 4.15 | | | 100 m NE |
| M02 | 16.11. 2024 | 9.30- 12.30 | -2 | 3.7 | NEE | 50 | Aquila sp. | 1 | 10.55 | 100-150 | SW | | 1.05 | | 2000 m / 106 |
| M02 | 16.11. 2024 | 9.30- 12.30 | -2 | 4.1 | NEE | 30 | Buteo sp. / photo | 1 | 11.28 | 100-150 | SW | | 1.18 | | 2000 m / 5 |
| M02 | 16.11. 2024 | 9.30- 12.30 | -2 | 4.2 | NEE | 30 | Haliaeetus albicilla / photo | 1 | 11.42 | 150→10 →100 | S | 1.25 | 3.06 | | 2000 m / 355 (over the VP h=30m) |
| M02 | 16.11. 2024 | 9.30- 12.30 | -2 | 4.0 | NEE | 20 | Aquila sp. | 1 | 12.29 | 100-150 | SWW | | 3.40 | | 2000 m / 102 |
| M02 | 16.11. 2024 | 13.00- 16.00 | -2 | 4.3 | NEE | 20 | Aquila sp. | 1 | 13.03 | 150-200 | SW | | 1.22 | | 2000 m / 100 |

| | | | | | | | | | | | | | | | |
|-----|------------|-------------|----|-----|-----|-----|------------------------------|----|-------|---------|--------|------|------|------|---|
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.5 | NEE | 30 | Aquila nipalensis / photo | 1 | 13.08 | 150 | SWW | | 9.09 | | 2000 m / 40 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.5 | NEE | 30 | Haliaeetus albicilla / photo | 1 | 13.12 | 150 | SW | | 2.01 | | 1000 m / 25 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.3 | NEE | 30 | Anser albifrons / photo | 28 | 13.28 | 200-300 | SWW | | | 1.35 | 1000 m / 10 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.6 | NE | 30 | Aquila sp. / photo | 1 | 13.41 | 50 | SSW | | 1.05 | | 1500 m / 110 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.7 | NE | 30 | Aquila sp. / photo | 1 | 13.47 | 150-200 | SWW | | 2.43 | | 2000 m / 97 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.7 | NE | 30 | Aquila nipalensis / photo | 1 | 13.50 | 150 | SW | | 2.44 | | 2000 m / 95 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.6 | NEE | 50 | Aquila nipalensis / photo | 1 | 14.20 | 200 | SSW | | 5.52 | | 2000 m / 40 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.6 | NEE | 50 | Aquila sp. | 1 | 14.22 | 150 | SSW | | 3.49 | | 2000 m / 45 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.5 | NE | 50 | Aquila nipalensis / photo | 1 | 14.50 | 50-100 | NWW | | 7.55 | | 500 m / 345 |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.5 | NE | 60 | Aquila nipalensis / photo | 1 | 15.24 | 50 | SW | | 6.44 | | 1000 m / 312 soared then flew southwest |
| M02 | 16.11.2024 | 13.00-16.00 | -2 | 3.5 | NE | 60 | Aquila heliaca ? / photo | 1 | 15.24 | 50 | SW | | 6.44 | | 1000 m / 312 soared then flew southwest |
| M02 | 16.11.2024 | 13.00-16.00 | — | — | — | — | Argali | 5 | 15.29 | — | — | — | — | — | 1000 m / 310 |
| M02 | 24.09.2024 | 14.40-17.40 | 27 | — | — | 5 | Falco tinnunculus | 1 | 17.18 | 15 | circle | 0.27 | | | 100 m NEE/ 75 |
| M02 | 24.09.2024 | 14.40-17.40 | 24 | — | — | 40 | Pterocles orientalis | 4 | 17.23 | 150 | SSW | | 0.32 | | 1500 m NNW/ 335 |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 3.5 | NE | 90 | Falco tinnunculus | 1 | 08.13 | 10 | NW | 7.22 | | | on the point |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 4.1 | NE | 90 | Buteo rufinus | 1 | 09.11 | 150 | NW | | 4.02 | | 800 m N/ 355 |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 3.8 | NE | 95 | Buteo rufinus | 1 | 09.29 | 150 | circle | | 0.40 | | 2000 m NNW/ 340 |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 3.8 | NE | 95 | Pterocles orientalis | 1 | 09.30 | 100 | E | | 0.25 | | 1500 m NNW/ 340 |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 4.4 | NE | 95 | Falco sp | 1 | 09.52 | 15 | S | 0.15 | | | on the point |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 4 | NE | 95 | Buteo rufinus | 2 | 10.09 | 150 | NE | | 2.05 | | 2000 m NW/ 310 |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 4 | NE | 100 | Pterocles orientalis | 1 | 10.15 | 50 | NWW | | 0.35 | | 1000 m NEE/ 60 |
| M02 | 25.09.2024 | 08.10-11.10 | 16 | 3.9 | NEE | 100 | Buteo rufinus | 2 | 10.30 | 150 | E | | 4.30 | | 2000 m NWW/ 309 |
| M03 | 04.10.2024 | 14.45-17.45 | 18 | 7.7 | NEE | 0 | Aquila chrysaetos | 1 | 15.17 | 150-500 | SW | | 4.10 | 0.25 | 2000 m NNE/ 12 |
| M03 | 04.10.2024 | 14.45-17.45 | 18 | 7.7 | NEE | 0 | Circus sp. | 1 | 15.22 | 100 | SW | | 1.48 | | 1500 m N/ 350 |

| | | | | | | | | | | | | | | | |
|-----|----------------|-----------------|----|-----|-----|-----|-------------------------------|----|-------|----------|--------|------|-------|------|----------------|
| M03 | 04.10. 2024 | 14.45- 17.45 | 18 | 8 | NEE | 0 | Circus gallicus | 1 | 15.51 | 20-0-100 | SW | 0.17 | 2.41 | | 100 m SEE/ 105 |
| M03 | 04.10. 2024 | 14.45- 17.45 | 18 | 7.1 | NEE | 0 | Aquila sp. | 1 | 17.09 | 15 | circle | 0.15 | | | 800 m E/ 88 |
| M03 | 04.10. 2024 | 14.45- 17.45 | 16 | 7.1 | NEE | 0 | Aquila nipalensis | 1 | 17.09 | 15 | SWW | 4.29 | | | 800 m E/ 88 |
| M03 | 06.10. 2024 | 08.00- 11.00 | 21 | 2.1 | SE | 100 | Buteo sp. | 1 | 09.46 | 50 | W | | 3.49 | | 1000 m NE |
| M03 | 09.11. 2024 | 10.00- 11.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M03 | 09.11. 2024 | 13.00- 14.20 | 6 | 5.5 | SSW | 100 | Grus grus / photo | 16 | 13.00 | 200-500 | W | | | 7.30 | 10000 m / 345 |
| M03 | 12.11. 2024 | 12.10- 15.10 | 2 | 0.5 | NNE | 100 | Anas platyrhynchos / photo | 67 | 13.02 | 200→300 | SWW | | | 1.49 | 1500 m / 70 |
| M03 | 12.11. 2024 | 12.10- 15.10 | 4 | 1.2 | NEE | 100 | Raptor | 1 | 13.21 | 150 | SE | | 0.53 | | 2000 m / 11 |
| M03 | 12.11. 2024 | 12.10- 15.10 | 4 | 1.5 | NEE | 100 | Circus sp. ♀ / photo | 2 | 14.35 | 100→5 | SSE | | 6.36 | 2.36 | 1000 m / 355 |
| M03 | 24.09. 2024 | 08.20- 11.20 | 12 | 2 | SW | 30 | Falco tinnunculus | 1 | 10.13 | 100 | circle | | 0.30 | | 250 m NW/ 333 |
| M03 | 24.09. 2024 | 08.20- 11.20 | 12 | 2 | W | 30 | Falco tinnunculus | 1 | 11.34 | 100 | circle | | 2.37 | | 100 m NW/ 225 |
| M03 | 24.09. 2024 | 08.20- 11.20 | 13 | 2 | W | 30 | Aquila sp. | 1 | 11.26 | 630 | NW | | | 0.43 | on the point |
| M03 | 30.09. 2024 | 08.05- 11.05 | 12 | 7.7 | NE | 5 | raptor | 1 | 09.46 | 20 | SW | 1.10 | | | on the point |
| M04 | 07.10. 2024 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M04 | 08.10. 2024 | 08.00- 11.00 | 13 | 2.6 | NE | 0 | Syrrhaptes paradoxus | 8 | 08.10 | 10 | E | 1.47 | | | |
| M04 | 08.10. 2024 | 08.00- 11.00 | 18 | 2 | NE | 0 | Buteo rufinus | 1 | 08.20 | 30 | SW | 2.51 | 1.56 | | 1500 m SW/ 227 |
| M04 | 24.09. 2024 | 15.00- 18.00 | 28 | 3 | S | 30 | Aquila sp. | 1 | 14.33 | 655 | W | | | 0.15 | on the point |
| M04 | 24.09. 2024 | 15.00- 18.00 | 26 | 3 | S | 30 | Aquila sp. | 1 | 15.20 | 700 | N | | | 1.08 | 1500 m NW/300 |
| M04 | 24.09. 2024 | 15.00- 18.00 | 26 | 1.5 | SE | 30 | Aegypius monachus | 1 | 15.35 | 750 | SE | | | 3.10 | 1500 m S/ 345 |
| M04 | 24.09. 2024 | 15.00- 18.00 | 23 | 0.5 | E | 50 | Pterocles orientalis | 5 | 17.22 | 5 | NW | 0.12 | 01.25 | | 300 m N/ 345 |
| M04 | 25.09. 2024 | 08.00- 11.00 | 22 | 3 | SE | 100 | Pterocles orientalis | 2 | 09.48 | 30 | SE | | 0.58 | | 100 m S/ 172 |
| M04 | 09.11. 2024 | 09.35- 12.35 | 7 | 2 | SW | 100 | Buteo sp. | 1 | 10.15 | 100 | SW | | 01.32 | | |
| M04 | 12.11. 2024 | 11.15- 14.15 | 2 | 4 | SW | 100 | Pterocles orientalis | 2 | 11.37 | 20- | W | 1.00 | | | |
| M04 | 12.11. 2024 | 11.15- 14.15 | 2 | 4 | SW | 100 | Anatidae | 60 | 13.06 | 100 | W | | 1.57 | | |

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|-----|----------------|-----------------|----|-----|----|-----|----------------------|----|-------|----------|-----|------|------|------|----------------|
| M04 | 12.11. 2024 | 11.15- 14.15 | 2 | 4 | SW | 100 | Anatidae | 80 | 13.35 | 300 | SW | | | 2.27 | |
| M04 | 12.11. 2024 | 11.15- 14.15 | 2 | 4 | SW | 100 | Anatidae | 25 | 13.41 | 200+ | SW | | | 3.45 | |
| M04 | 12.11. 2024 | 11.15- 14.15 | 2 | 4 | SW | 100 | Falco tinnunculus | 1 | 13.53 | 100 | SW | | 2.01 | | |
| M05 | 06.10. 2024 | 15.00- 18.00 | 23 | 5.5 | SW | 40 | Aquila chrysaetos | 1 | 15.39 | 400 | NW | | | 3.22 | 1000 m NW/ 307 |
| M05 | 06.10. 2024 | 15.00- 18.00 | 17 | 1.2 | SW | 90 | Grus sp. | 30 | 18.00 | 300 | E | | | 2.96 | on the point |
| M05 | 06.10. 2024 | 08.00- 11.00 | 13 | 2.2 | SW | 10 | Pterocles orientalis | 2 | 08.50 | 20 | N | 1.41 | | | 500 m NE/ 40 |
| M05 | 06.10. 2024 | 08.00- 11.00 | 13 | 2.1 | SW | 10 | Pterocles orientalis | 8 | 09.10 | 15 | E | 2.18 | | | 500 m S/ 188 |
| M05 | 06.10. 2024 | 08.00- 11.00 | 14 | 2 | SW | 10 | Pterocles orientalis | 1 | 09.17 | 10 | NE | 1.14 | | | 100 m NE/ 53 |
| M05 | 06.10. 2024 | 08.00- 11.00 | 16 | 2 | SW | 0 | Aquila chrysaetos | 1 | 10.33 | 50 | NNW | 2.35 | 3.54 | | 1500 m N/ 8 |
| M05 | 06.10. 2024 | 08.00- 11.00 | 16 | 2 | SW | 0 | Aquila chrysaetos | 1 | 10.34 | 20 | NNW | 2.35 | | | 1500 m N/ 8 |
| M05 | 24.09. 2024 | 15.00- 18.00 | 27 | 1.1 | NE | 0 | Pterocles orientalis | 5 | 17.24 | 50 | SSW | | 2.08 | | 1500 m SE/ 129 |
| M05 | 24.09. 2024 | 15.00- 18.00 | 27 | 1.2 | NE | 0 | Pterocles orientalis | 7 | 17.37 | 70 | SSW | | 5.62 | | 100 m NE/ 52 |
| M05 | 25.09. 2024 | 08.00- 11.00 | 15 | 4 | E | 70 | Pterocles orientalis | 2 | 09.37 | 10 | NW | 0.25 | | | 500 m NNW/ 352 |
| M05 | 25.09. 2024 | 08.00- 11.00 | 16 | — | — | 50 | Pterocles orientalis | 1 | 09.41 | 6 | NE | 2.01 | | | 100 m NE/ 45 |
| M05 | 25.09. 2024 | 08.00- 11.00 | 21 | 3.6 | NE | 40 | Buteo rufinus | 2 | 10.33 | 150 | SEE | | 1.02 | | 2000 m NNE/ 31 |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 4.5 | NE | 80 | raptor | 1 | 09.35 | 20-50 | SW | | 1.18 | | 1600 m N |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 4.4 | NE | 80 | raptor | 1 | 09.41 | 20-50 | SW | | 1.33 | | 1400 m NNE |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 4.7 | NE | 80 | raptor | 1 | 09.59 | 20-100 | SW | | 1.01 | | 1000 m NEE |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 4.3 | NE | 80 | Aquila sp. | 1 | 10.10 | 20-150 | SW | | 1.34 | | 1500 m NNW |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 4.8 | NE | 80 | Aquila sp. | 1 | 10.15 | 20-80 | SW | | 1.56 | | 1800 m NNE |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 4.4 | NE | 80 | Aquila chrysaetos | 2 | 10.19 | -20-200+ | SW | 0.45 | 2.18 | 1.11 | 2000 m N |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 3.6 | NE | 80 | Aquila sp. | 1 | 10.39 | 20-100 | W | | 2.51 | | 2000 m E |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 3.1 | NE | 50 | Aquila nipalensis | 1 | 11.23 | 100-150 | SW | | 1.16 | | 2000 m NEE |
| M05 | 16.11. 2024 | 09.20- 12.20 | -2 | 2.5 | NE | 50 | Aquila nipalensis | 1 | 11.24 | 100-150 | SW | | 1.21 | | 2000 m NEE |

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|-----|------------|-------------|----|-----|----|-----|----------------------|----|-------|---------|----------------|------|-------|-------|----------------|
| M05 | 16.11.2024 | 09.20-12.20 | -2 | 2.8 | NE | 50 | Haliaeetus albicilla | 1 | 11.25 | 100-150 | SW | | 2,12 | | 2000 m NEE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 2.6 | NE | 50 | Aquila nipalensis | 1 | 11.29 | 20-100 | SW | | 1.44 | | 2000 m SEE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 2.1 | NE | 50 | Aquila nipalensis | 2 | 11.37 | 50-150 | SW | | 1.25 | | 2000 m SEE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 1.8 | NE | 50 | Aquila nipalensis | 1 | 11.37 | 20-180 | SW | | 2.28 | | 2000 m SEE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 1.9 | NE | 50 | Aquila sp. | 1 | 11.49 | 50-80 | SW | | 0.45 | | 2000 m SEE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 2.1 | NE | 50 | Aquila nipalensis | 2 | 11.51 | 20-150 | SW | | 1.17 | | 2000 m NEE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 2.4 | NE | 30 | Aquila nipalensis | 2 | 12.07 | 30-80 | SW | | 2.23 | | 2000 m NE |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 2.5 | NE | 30 | Aquila sp. | 1 | 12.10 | 100-200 | SW | | 1.06 | | 1400 m E |
| M05 | 16.11.2024 | 09.20-12.20 | -1 | 2.4 | NE | 30 | Aquila nipalensis | 1 | 12.15 | 50-200 | SW | | 1.35 | | 1500 m NE |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 3.2 | NE | 30 | raptor | 1 | 12.51 | 100-200 | SW | | 1.01 | | 1000 m NNW |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 3.4 | NE | 50 | Aquila nipalensis | 1 | 12.55 | 50-200 | SW | | 0.48 | | 1800 m NNW |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 3.6 | NE | 50 | Aquila nipalensis | 1 | 13.03 | 150-50 | SW | | 1.20 | | 1800 m NEE |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 3.8 | NE | 80 | Anatidae | 34 | 13.39 | 200-300 | SW | | | 0.49 | 1000 m N |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 3.9 | NE | 80 | Aquila nipalensis | 2 | 13.53 | 100-200 | SW | | 03.11 | | 2000 m N |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 2.9 | NE | 80 | Aquila nipalensis | 1 | 14.28 | 100-200 | SW | | 0.49 | | 1500 m NNW |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 2.5 | NE | 80 | Aquila nipalensis | 1 | 14.29 | 100-200 | SW | | 2.43 | | 2000 m NNE |
| M05 | 16.11.2024 | 12.50-15.50 | -1 | 2.4 | NE | 80 | Aquila nipalensis | 1 | 14.29 | 100-200 | SW | | 3.38 | | 2000 m NNE |
| M06 | 03.10.2024 | 15.00-18.00 | 23 | 4 | SW | 30 | Aquilla sp. | 1 | 17.19 | 10 | circling, sits | 0.40 | | | 1000 m SW/ 203 |
| M06 | 03.10.2024 | 15.00-18.00 | 22 | 4 | SW | 40 | Circus sp. | 1 | 17.30 | 10 | W | 0.30 | | | 500 m SE/ 195 |
| M06 | 03.10.2024 | 08.00-11.00 | 17 | 7 | W | 10 | Aquilla sp. | 1 | 09.00 | 10 | SW | 0.22 | 03.02 | 0.35 | 300 m SE/ 128 |
| M06 | 03.10.2024 | 08.00-11.00 | 17 | 7 | W | 10 | Buteo sp. | 1 | 10.16 | 100 | W | | 0.30 | | on the point |
| M06 | 03.10.2024 | 08.00-11.00 | 17 | 8 | SW | 10 | Buteo rufinus | 2 | 10.32 | 50 | circle | 0.27 | 06.26 | 01.44 | 300 m NW/ 313 |
| M06 | 03.10.2024 | 08.00-11.00 | 17 | 8 | SW | 10 | Aquila nipalensis | 1 | 10.37 | 160 | S | | 0.20 | | on the point |
| M06 | 25.09.2024 | 14.30-17.30 | 19 | 4.5 | NE | 100 | Aquila chrysaetos | 1 | 15.14 | 50 | SW | | 5.58 | | 100 m NNW/ 340 |

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|-----|----------------|-----------------|----|-----|-----|-----|----------------------|---|-------|---------|----------------|-------|-------|------|-----------------|
| M06 | 25.09. 2024 | 14.30- 17.30 | 17 | 4.6 | NE | 100 | Pterocles orientalis | 1 | 15.47 | 50 | SW | | 2.21 | | 800 m SE/ 135 |
| M06 | 26.09. 2024 | 08.00- 11.00 | 11 | 4.4 | NEE | 100 | Pterocles orientalis | 6 | 08.59 | 150 | W | | 0.45 | | 1000 m S/ 172 |
| M06 | 26.09. 2024 | 08.00- 11.00 | 11 | 5.7 | NEE | 100 | Falco tinnunculus | 2 | 10.12 | 100 | SSW | | 1.49 | | 1000 m NEE/ 75 |
| M06 | 18.11. 2024 | 09.20- 12.20 | 2 | 1.4 | E | 80 | Buteo sp. | 1 | 10.31 | 50-100 | SW | | 1.41 | | 2000 m N |
| M06 | 18.11. 2024 | 09.20- 12.20 | 2 | 1.2 | E | 90 | Aquila nipalensis | 1 | 10.44 | 100-200 | SW | | 1.25 | | 2000 m NE |
| M06 | 18.11. 2024 | 09.20- 12.20 | 2 | 3.1 | SW | 90 | Aquila nipalensis | 1 | 11.09 | 100-200 | SWW | | 1.34 | | 2000 m NEE |
| M06 | 18.11. 2024 | 09.20- 12.20 | 3 | 3.5 | SW | 100 | Aquila sp. | 1 | 12.11 | 200+ | SW | | | 2.49 | 2000 m NEE |
| M06 | 18.11. 2024 | 12.50- 15.50 | 3 | — | — | 90 | Aquila nipalensis | 1 | 13.47 | 50-100 | SWW | | 0.54 | | 2000 m NEE |
| M06 | 18.11. 2024 | 12.50- 15.50 | 3 | — | — | 90 | Falco tinnunculus | 1 | 14.28 | 20-50 | S | | 1.44 | | 700 m N |
| M07 | 03.10. 2024 | 15.00- 18.00 | 26 | 2 | NE | 40 | Buteo rufinus | 1 | 15.03 | 50 | SEE | | 3.20 | | 500 m SE/ 209 |
| M07 | 03.10. 2024 | 15.00- 18.00 | 27 | 2.7 | NE | 30 | Buteo rufinus | 1 | 15.22 | 150 | S | | 2.40 | | 1500 m S/ 187 |
| M07 | 04.10. 2024 | 08.00- 11.00 | 12 | 5.5 | NEE | 0 | Buteo rufinus | 1 | 08.45 | 20 | SW | 1,35 | | | 500 m S |
| M07 | 04.10. 2024 | 08.00- 11.00 | 15 | 6.5 | NEE | 0 | Circus sp. | 1 | 09.03 | 5 | S | 0.59 | | | 1000 m SSE/ 194 |
| M07 | 25.09. 2024 | 15.00- 18.00 | 18 | 3 | E | 100 | Falco sp | 1 | 15.14 | 150 | E | | 2.36 | | 100 m W/ 270 |
| M07 | 25.09. 2024 | 15.00- 18.00 | 18 | 3 | E | 100 | Falco sp | 1 | 15.15 | 150 | SE | | 0.48 | | on the point |
| M07 | 26.09. 2024 | 08.00- 11.00 | 13 | 3 | SW | 100 | Pterocles orientalis | 3 | 08.38 | 40 | S | | 0.40 | | 500 m S/ 187 |
| M07 | 26.09. 2024 | 08.00- 11.00 | 13 | 3 | SW | 100 | Falco sp | 1 | 08.39 | 30 | SW | | 02.56 | | 500 m / SW |
| M07 | 26.09. 2024 | 08.00- 11.00 | 14 | 3 | S | 100 | Falco tinnunculus | 1 | 09.46 | 30 | circle | 06.56 | 04.01 | | 100 m NW/ 330 |
| M07 | 26.09. 2024 | 08.00- 11.00 | 14 | 3 | SE | 100 | Falco tinnunculus | 2 | 10.10 | 50 | circle | | 4.45 | | 200 m N/ 3 |
| M07 | 18.11. 2024 | 08.40- 11.40 | 7 | 4 | NE | 80 | Circus sp. | 1 | 11.19 | 60 | SW | | 1.05 | | |
| M07 | 18.11. 2024 | 08.40- 11.40 | 8 | 5 | NE | 100 | Aquila chrysaetos | 1 | 11.23 | 50 | E | | 3.20 | | |
| M07 | 18.11. 2024 | 11.40- 13.40 | 8 | 5 | NE | 100 | Circus sp. | 1 | 11.49 | 40-50 | W | | 0.35 | | |
| M07 | 18.11. 2024 | 11.40- 13.40 | 7 | 4 | NE | 100 | Buteo sp. | 1 | 13.41 | 60 | S | | 0.20 | | |
| M08 | 02.10. 2024 | 15.00- 18.00 | 26 | 2.2 | W | 30 | Falco tinnunculus | 1 | 16.23 | 20-50 | circle, SWW | | 4.25 | | 500 m N/ 0 |

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|-----|------------|-------------|----|-----|-----|-----|----------------------|----|-------|---------|--------|------|------|------|-----------------|
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 30 | Pterocles orientalis | 3 | 08.09 | 100 | SW | | 0.50 | | 1000 m SE/ 140 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 30 | Pterocles orientalis | 3 | 08.12 | 100 | SW | | 0.30 | | 1000 m SE/ 140 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 30 | Pterocles orientalis | 4 | 08.13 | 50 | SW | | 0.30 | | 1000 m SE/ 140 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 20 | Pterocles orientalis | 2 | 08.19 | 50 | SW | | 0.28 | | 1000 m SSE/ 195 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 20 | Pterocles orientalis | 3 | 08.21 | 50 | SW | | 0.20 | | 1000 m E/ |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 20 | Pterocles orientalis | 1 | 08.23 | 100 | SW | | 0.20 | | 300 m SEE/ 110 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 20 | Pterocles orientalis | 5 | 08.24 | 15 | SSW | 0.30 | | | 300 m W/ 280 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 20 | Pterocles orientalis | 1 | 08.33 | 50 | NE | | 0.38 | | 700 m S/ 170 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 15 | Pterocles orientalis | 3 | 08.34 | 50 | SW | | 0.55 | | 1500 m NEE/ 75 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 15 | Pterocles orientalis | 19 | 08.40 | 50 | NNE | | 0.32 | | 1000 m SE/ 135 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 1,5 | S | 15 | Pterocles orientalis | 14 | 08.49 | 50 | NNE | | 0.46 | | 700 m S/ 190 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 1,8 | S | 10 | Falco tinnunculus | 1 | 09.00 | 50 | circle | | 2.33 | | 800 m SSW/ 208 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 2 | SSE | 10 | Pterocles orientalis | 2 | 09.02 | 50 | SSE | | 0.21 | | 500 m SSE/ 165 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 2 | SSE | 10 | Pterocles orientalis | 5 | 09.17 | 50 | N | | 0.38 | | on the point |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 2.2 | SSE | 5 | Falco tinnunculus | 1 | 09.24 | 50 | W | | 1.28 | | 2000 m NW/ 325 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 1.7 | SSE | 5 | Falco tinnunculus | 1 | 09.36 | 100 | circle | | 3.08 | | 1500 m S/ 172 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | 2 | SSE | 5 | Falco tinnunculus | 1 | 09.51 | 50-100 | circle | | 6.36 | | 500 m NW/ 292 |
| M08 | 03.10.2024 | 08.00-11.00 | 18 | — | — | 5 | Aquila chrysaetos | 1 | 10.09 | 200-300 | circle | | | 6.39 | 2500 m SW/ 252 |
| M08 | 03.10.2024 | 08.00-11.00 | 19 | — | — | 0 | Falco tinnunculus | 1 | 10.58 | 50 | circle | | 2.12 | | 1000 m SW/ 250 |
| M08 | 18.11.2024 | 9.45-12.45 | 6 | 2.4 | E | 80 | Raptor | 1 | 10.15 | 230 | SWW | | | 1.46 | 1500 m / 230 |
| M08 | 18.11.2024 | 9.45-12.45 | 6 | 1.3 | E | 60 | Aquila sp. | 1 | 11.11 | 150-200 | SW | | 3.47 | | 2000 m / 140 |
| M08 | 18.11.2024 | 9.45-12.45 | — | — | — | — | Argali | 3 | 11.55 | — | — | — | — | — | 2000 m / 0 |
| M08 | 18.11.2024 | 13.15-16.15 | 6 | 1.0 | SSE | 100 | Aquila sp. | 1 | 13.20 | 100 | SWW | | 2.59 | | 1700 m / 330 |
| M08 | 18.11.2024 | 13.15-16.15 | 6 | 0 | — | 90 | Aquila sp. / photo | 2 | 14.59 | 0 | — | | | | 2000 m / 50 |

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|-----|----------------|-----------------|----|-----|-----|-----|----------------------|----|-------|-------|--------|------|-------|------|-----------------|
| M08 | 18.11. 2024 | 13.15- 16.15 | 6 | 0 | — | 90 | Aquila sp. / photo | 1 | 14.01 | 5→0 | Landed | 0.10 | | | 2000 m / 50 |
| M08 | 27.09. 2024 | 15.00- 18.00 | 10 | 8.1 | E | 0 | Pterocles orientalis | 11 | 08.18 | 50 | N | | 0.53 | | 500 m SEE/ 115 |
| M08 | 28.09. 2024 | 08.00- 11.00 | 12 | 7.4 | E | 0 | Pterocles orientalis | 1 | 09.22 | 100 | SSW | | 0.20 | | 1000 m SEE/ 120 |
| M08 | 28.09. 2024 | 08.00- 11.00 | 15 | 6.7 | NEE | 0 | raptor | 1 | 09.17 | 200 | circle | | 0.30 | | 2000 m NEE/ 65 |
| M09 | 08.10. 2024 | 15.00- 18.00 | 17 | 2 | SE | 100 | Buteo sp. | 1 | 08.17 | 50 | E | | 2.13 | | on the point |
| M09 | 09.10. 2024 | 08.00- 11.00 | 18 | 2.2 | SE | 100 | Pterocles orientalis | 4 | 08.42 | 20 | W | 1.38 | | | 1000 m NE |
| M09 | 18.11. 2024 | 08.30- 14.30 | 10 | 1 | W | 100 | Buteo lagopus | 1 | 10.33 | 50 | S | | 02.00 | | on the point |
| M09 | 18.11. 2024 | 08.30- 14.30 | 7 | 1 | W | 80 | Aquila nipalensis | 1 | 10.57 | 50 | W | | 05.06 | | 300 m NW 320 |
| M09 | 18.11. 2024 | 08.30- 14.30 | 8 | 1 | W | 80 | Haliaeetus albicilla | 1 | 11.17 | 100 | W | | 01.00 | | on the point |
| M09 | 18.11. 2024 | 08.30- 14.30 | 9 | 1 | W | 100 | Buteo lagopus | 1 | 12.33 | 100 | E | | 05.45 | | 1,5 km SW 230 |
| M09 | 18.11. 2024 | 08.30- 14.30 | 10 | 1 | W | 100 | Buteo sp. | 1 | 14.08 | 100 | circle | | 01.36 | | 2 km W 265 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 15 | 3.7 | NEE | 80 | Pterocles orientalis | 1 | 15.12 | 40 | SWW | | 3.15 | | 1000 m NNW/ 340 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 15 | 3.4 | NEE | 80 | Circaetus gallicus | 1 | 15.22 | 500 | NW | | | 3.18 | 2000 m SWW/ 240 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 15 | 3.2 | NEE | 70 | raptor | 6 | 15.44 | 500 | NWW | | | 3.11 | 2000 m S / 190 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 15 | 3.4 | E | 80 | Pterocles orientalis | 1 | 16.03 | 50 | SW | | 1.21 | | 500 m NW/ 322 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 15 | 3.4 | NEE | 95 | Pterocles orientalis | 1 | 16.07 | 150 | SW | | 1.47 | | 1000 m E/ 85 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 15 | 3.6 | NEE | 95 | Pterocles orientalis | 1 | 16.23 | 100 | SWW | | 3.02 | | 1500 m / NEE |
| M09 | 26.09. 2024 | 15.00- 18.00 | 14 | 3 | E | 95 | Pterocles orientalis | 1 | 16.45 | 50 | SW | | 2,40 | | 800 m W/ 280 |
| M09 | 26.09. 2024 | 15.00- 18.00 | 14 | 2.6 | E | 95 | Aquila nipalensis | 1 | 16.58 | 500 | SWW | | | 4.43 | 2000 m NEE/ 57 |
| M10 | 03.10. 2024 | 14.45- 17.45 | 24 | 1 | SEE | 0 | Falco tinnunculus | 2 | 15.20 | 50 | SSW | | 4.43 | | 500 m SSE/ 25 |
| M10 | 03.10. 2024 | 14.45- 17.45 | 20 | 2.7 | NE | 0 | Pterocles orientalis | 5 | 17.07 | 5 | E | 0.27 | | | 500 m NW/ 315 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.5 | E | 0 | Pterocles orientalis | 2 | 08.08 | 20 | S | 0.15 | | | 1500 m SWW/ 253 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.5 | E | 0 | Pterocles orientalis | 3 | 08.09 | 30 | S | 0.05 | 0.46 | | 800 m SE/ 126 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 6.4 | E | 0 | Aquila sp. | 1 | 08.33 | 20-30 | S | | 5.39 | | 1000 m N/ 358 |

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| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 6.5 | E | 0 | Pterocles orientalis | 5 | 08.34 | 20-150 | NE | 0.10 | | | 1000 m NW/ 315 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 6.4 | E | 0 | Pterocles orientalis | 1 | 08.43 | 15 | NNE | 0.07 | | | 1000 m NNE/ 20 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 6.7 | E | 0 | Pterocles orientalis | 2 | 08.49 | 5-0 | N | 0.29 | | | on the point |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.8 | E | 0 | Aquila nipalensis | 1 | 09.35 | 10 | W | | 3.51 | | 1000 m E/ 80 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.8 | E | 0 | Aquila sp. | 2 | 09.35 | 100-200 | circle | | | 1.48 | 2000 m SEE/ 105 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.8 | E | 0 | Aquila sp. | 1 | 09.39 | 200-300 | W | | 2.43 | | 1000 m SEE/ 100 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 6.1 | E | 0 | Aquila sp. | 3 | 09.47 | 50-100 | W | | | 3.45 | 2000 m E/ 100 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 6 | E | 0 | Aquila sp. | 1 | 09.54 | 300-500 | circle | | 1.05 | | 1500 m SE/ 125 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.3 | E | 0 | Pterocles orientalis | 5 | 10.06 | 100 | SE | 1.11 | | | 700 m NWW/ 275 |
| M10 | 04.10. 2024 | 08.00- 11.00 | 10 | 5.6 | E | 0 | Falco tinnunculus | 1 | 10.41 | 10-20 | SE | 3.11 | 1.50 | | 300 m SEE/ 110 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 3 | W | 90 | Haliaeetus albicilla | 1 | 09.30 | 100 | SW | | 00.59 | | 500 m S 150 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 3,3 | W | 90 | Haliaeetus albicilla | 2 | 09.50 | 200 | S | | 05.05 | | 1 km E 95 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 3,3 | W | 90 | Aquila nipalensis | 1 | 09.56 | 50 | W | | 01.07 | | on the point |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 3,3 | W | 90 | Aquila sp. | 1 | 10.00 | 50 | SW | | 02.26 | | 1 km E 105 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 3,3 | W | 90 | Haliaeetus albicilla | 1 | 10.04 | 50 | SW | | 02.33 | | 500 m E 70 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 4,3 | W | 90 | Haliaeetus albicilla | 3 | 10.08 | 300 | SW | | | 07.39 | 2 km E 65 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 4,3 | W | 90 | Anser anser | 6 | 10.12 | 50 | W | | | | 2 km E 65 |
| M10 | 16.11. 2024 | 09.00- 15.00 | -1 | 4,3 | W | 90 | Haliaeetus albicilla | 1 | 10.22 | 100 | SW | | 06.33 | | 500 m NE 55 |
| M10 | 16.11. 2024 | 09.00- 15.00 | | | | | raptor | 7 | 10.34 | | S | | | | 2 km SE 120 |
| M10 | 16.11. 2024 | 09.00- 15.00 | | | | | raptor | 1 | 10.34 | 50 | S | | 06.59 | | 500 m SE 120 |
| M10 | 16.11. 2024 | 09.00- 15.00 | | | | | Aquila sp. | 1 | 10.52 | 50 | SW | | 04.05 | | 500 m E 70 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 0 | 3,5 | W | 80 | Haliaeetus albicilla | 1 | 11.05 | 50 | W | | 03.22 | | 1 km N 20 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 0 | 3,5 | W | 80 | raptor | 1 | 11.13 | 50 | SW | | 01.02 | | 1 km SE 135 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 0 | 3,3 | W | 80 | Aquila nipalensis | 1 | 11.18 | 50 | SW | | 04.56 | | 500 m NE 30 |

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|-----|----------------|-----------------|----|-----|-----|-----|----------------------|----|-------|-------|--------|------|-------|-------|----------------|
| M10 | 16.11. 2024 | 09.00- 15.00 | 1 | 2 | W | 80 | Haliaeetus albicilla | 1 | 11.47 | 100 | SW | | 04.12 | | 1,5 km NE 50 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 2 | 4,7 | SW | 80 | Haliaeetus albicilla | 1 | 11.57 | 100 | W | | 02.17 | | 500 m E 95 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 2 | 4,7 | SW | 80 | Aquila nipalensis | 3 | 12.00 | 50 | W | | 05.47 | | 500 m NW 335 |
| M10 | 16.11. 2024 | 09.00- 15.00 | | | | | Circus cyaneus | 1 | 12.16 | 50 | W | | 02.11 | | on the point |
| M10 | 16.11. 2024 | 09.00- 15.00 | 3 | 3,6 | SW | 80 | raptor | 1 | 13.29 | 200 | W | | 02.48 | | 2 km S 175 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 2 | 2,7 | SW | 80 | raptor | 1 | 14.00 | 100 | SW | | 01.59 | | 500 m S 175 |
| M10 | 16.11. 2024 | 09.00- 15.00 | 2 | 2,7 | SW | 80 | raptor | 2 | 14.07 | 200 | W | | 09.34 | | 1 km E 105 |
| M10 | 26.09. 2024 | 15.00- 18.00 | 15 | 3 | SE | 80 | Aquila sp. | 1 | 15.17 | 300 | S | | | 03.56 | 700 m W/ 247 |
| M10 | 26.09. 2024 | 15.00- 18.00 | 14 | 3 | W | 90 | Aegypius monachus | 1 | 15.56 | 500 | W | | | 03.27 | 1500 m NW/ 333 |
| M10 | 26.09. 2024 | 15.00- 18.00 | 14 | 3 | W | 90 | Pterocles orientalis | 18 | 16.06 | 150 | N | | | 0.43 | 2500 m N/ 0 |
| M10 | 26.09. 2024 | 15.00- 18.00 | 14 | 2 | W | 90 | Falco tinnunculus | 1 | 16.21 | 50 | W | | 05.51 | | on the point |
| M10 | 26.09. 2024 | 15.00- 18.00 | 14 | 2 | SW | 90 | Falco tinnunculus | 2 | 16.36 | 50 | SW | | 04.40 | | 400 m W/ 250 |
| M10 | 26.09. 2024 | 15.00- 18.00 | 14 | 1.5 | SW | 100 | Pterocles orientalis | 3 | 16.47 | 10 | SW | 0.22 | | | 1000 m NW/ 335 |
| M10 | 26.09. 2024 | 15.00- 18.00 | 13 | 1.5 | SW | 80 | Pterocles orientalis | 3 | 17.22 | 10 | NE | 0.24 | | | on the point |
| M10 | 26.09. 2024 | 15.00- 18.00 | 12 | 2 | SW | 80 | Aquila sp. | 1 | 17.36 | 70 | SW | | 01.52 | | on the point |
| M11 | 02.10. 2024 | 15.00- 18.00 | 29 | 3 | SSW | 30 | Falco tinnunculus | 1 | 15.00 | 30 | SSW | | 3.17 | | on the point |
| M11 | 02.10. 2024 | 15.00- 18.00 | 28 | 2 | SW | 5 | Aquila chrysaetos | 1 | 15.50 | 100 | S | | 4.06 | | 1500 m SSW |
| M11 | 03.10. 2024 | 08.00- 11.00 | 18 | — | — | 10 | Falco cherrug | 1 | 09.20 | 10 | SEE | 2.40 | | | 20 m SE/ 127 |
| M11 | 27.09. 2024 | 15.00- 18.00 | 15 | 3 | NW | 30 | Falco tinnunculus | 1 | 16.57 | 100 | circle | | 02.34 | | 2000 m S/ 170 |
| M11 | 28.09. 2024 | 08.00- 11.00 | 13 | 5 | SW | 40 | Falco tinnunculus | 1 | 08.40 | 15 | circle | | 0.50 | | on the point |
| M11 | 28.09. 2024 | 08.00- 11.00 | 14 | 5 | SW | 30 | Pterocles orientalis | 50 | 09.32 | 500 | W | | | 12.55 | 3000 m SW/ 224 |
| M11 | 17.11. 2024 | 09.00- 12.00 | 8 | 4 | NE | 10 | Pterocles orientalis | 14 | 11.44 | 50-60 | NE | | 0.25 | | |
| M11 | 17.11. 2024 | 09.00- 12.00 | 8 | 4 | NE | 10 | raptor | 2 | 11.46 | 100 | SW | | 2.58 | | |
| M11 | 17.11. 2024 | 12.00- 15.00 | 8 | 4 | NE | 10 | Haliaeetus albicilla | 1 | 12.07 | 100 | S | | 1.21 | | |

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|-----|----------------|-----------------|----|-----|----|-----|----------------------|----|-------|-------|--------|-------|-------|--|----------------|
| M11 | 17.11. 2024 | 12.00- 15.00 | 8 | 4 | NE | 10 | Aquila chrysaetos | 1 | 12.35 | 100 | S | | 2.25 | | |
| M11 | 17.11. 2024 | 12.00- 15.00 | 9 | 3 | NE | 10 | raptor | 1 | 13.23 | 100 | S | | 0.55 | | |
| M11 | 17.11. 2024 | 12.00- 15.00 | 9 | 3 | NE | 10 | Circus sp. | 1 | 13.24 | 50-60 | S | | 2.28 | | |
| M11 | 17.11. 2024 | 12.00- 15.00 | 9 | 3 | NE | 10 | Haliaeetus albicilla | 1 | 13.30 | 50 | S | | 0.34 | | |
| M11 | 17.11. 2024 | 12.00- 15.00 | 9 | 3 | NE | 10 | Aquila chrysaetos | 1 | 14.11 | 60 | S | | 0.52 | | |
| M12 | 02.10. 2024 | 15.00- 18.00 | 24 | — | — | 10 | Pterocles orientalis | 3 | 16.55 | 20 | circle | 00.53 | | | 1000 m W/ 290 |
| M12 | 03.10. 2024 | 08.00- 11.00 | 18 | — | — | 50 | Pterocles orientalis | 6 | 08.00 | 10 | NW | 0.49 | 1.04 | | on the point |
| M12 | 03.10. 2024 | 08.00- 11.00 | 18 | 2 | NW | 40 | Pterocles orientalis | 16 | 08.56 | 10 | E | 1.11 | | | 500 m SW/ 208 |
| M12 | 03.10. 2024 | 08.00- 11.00 | 18 | 2 | NW | 30 | Falco tinnunculus | 1 | 09.22 | 50 | circle | 0.16 | 1.24 | | 1500 m SW/ 276 |
| M12 | 03.10. 2024 | 08.00- 11.00 | 21 | 1 | NW | 30 | Aquila nipalensis | 1 | 10.34 | 200 | NE | | 03.39 | | 500 m N/ 346 |
| M12 | 26.09. 2024 | 15.00- 18.00 | 15 | 4 | NE | 100 | Falco tinnunculus | 1 | 15.36 | 15 | S | 2.40 | | | 1000 m SW/ 216 |
| M12 | 26.09. 2024 | 15.00- 18.00 | 14 | 4.5 | NE | 100 | Falco tinnunculus | 1 | 15.50 | 20 | W | 3.30 | | | 500 m SWW/ 258 |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | Aquila chrysaetos | 1 | 09.38 | 100 | S | | 2.00 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | Aquila chrysaetos | 1 | 09.41 | 100 | SW | | 2.00 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | Anser anser | 6 | 10.12 | 200 | S | | 2.50 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | Circus sp. | 1 | 10.32 | 20-30 | SW | | 0.20 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | Anser anser | 8 | 10.38 | 100 | S | | 0.50 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | raptor | 3 | 10.40 | 200 | S | | 1.33 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | raptor | 2 | 10.42 | 200 | SW | | 2.53 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | raptor | 4 | 10.45 | 200 | S | | 2.28 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | raptor | 2 | 10.46 | 200 | S | | 2.05 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | Aquila nipalensis | 2 | 10.48 | 100 | S | | 1.24 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | raptor | 1 | 10.53 | 500 | S | | 2.06 | | |
| M12 | 16.11. 2024 | 09.00- 12.00 | 3 | 4 | NE | 90 | raptor | 1 | 10.55 | 500 | SW | | 1.53 | | |

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|-----|------------|-------------|---|---|----|----|----------------------|----|-------|---------|----|--|------|--|--|
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 4 | NE | 90 | Haliaeetus albicilla | 1 | 10.58 | 300 | S | | 1.50 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 4 | NE | 90 | Aquila nipalensis | 2 | 11.00 | 200 | S | | 3.15 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 4 | NE | 90 | Circus sp. | 1 | 11.02 | 600 | S | | 1.50 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 4 | NE | 90 | raptor | 1 | 11.02 | 200 | S | | 0.40 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 4 | NE | 90 | Aquila nipalensis | 2 | 11.05 | 200 | S | | 3.00 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 1 | 11.11 | 50 | S | | 1.00 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 1 | 11.11 | 100 | S | | 0.50 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 2 | 11.15 | 30 | S | | 0.30 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 1 | 11.16 | 100-200 | S | | 2.10 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 10 | 11.20 | 30 | S | | 1.11 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 1 | 11.22 | 50 | S | | 0.53 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | raptor | 1 | 11.25 | 200 | S | | 0.30 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 3 | 11.26 | 100 | SW | | 3.12 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 1 | 11.28 | 100 | S | | 3.57 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 2 | 11.33 | 100 | SW | | 2.05 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 3 | NE | 90 | Aquila nipalensis | 8 | 11.34 | 100 | SW | | 6.58 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 2 | NE | 90 | Aquila nipalensis | 1 | 11.35 | 100 | S | | 1.00 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 2 | NE | 90 | Aquila nipalensis | 1 | 11.43 | 100 | SW | | 6.39 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 2 | NE | 50 | Aquila nipalensis | 2 | 11.51 | 100 | S | | 1.53 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 2 | NE | 50 | raptor | 7 | 11.53 | 180-200 | W | | 5.07 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 2 | NE | 50 | raptor | 2 | 11.56 | 100 | SW | | 1.00 | | |
| M12 | 16.11.2024 | 09.00-12.00 | 3 | 2 | NE | 50 | raptor | 2 | 11.59 | 80-100 | SW | | 5.57 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | Aquila nipalensis | 1 | 12.01 | 100 | SW | | 2.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | Aquila nipalensis | 3 | 12.03 | 80-100 | W | | 2.50 | | |

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|-----|------------|-------------|---|---|----|----|----------------------|---|-------|---------|----|---|------|---|---|
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | raptor | 7 | 12.07 | 100-200 | SW | | 6.48 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | raptor | 1 | 12.08 | 80-100 | SW | | 1.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | Aquila nipalensis | 1 | 12.11 | 50 | SW | | 1.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | Aquila nipalensis | 2 | 12.13 | 100 | SW | | 2.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 2 | NE | 50 | Aquila nipalensis | 1 | 12.16 | 100 | SW | | 3.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | raptor | 3 | 12.18 | 100- | SW | | 5.31 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | raptor | 2 | 12.20 | 100 | SW | | 2.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | Aquila nipalensis | 1 | 12.37 | 100 | SW | | 4.15 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | Aquila nipalensis | 1 | 12.40 | 100 | SW | | 2.26 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | raptor | 1 | 12.47 | 60 | S | | 3.06 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | Aquila nipalensis | 1 | 12.57 | 60 | SW | | 0.40 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | Aquila nipalensis | 2 | 12.59 | 100 | SW | | 4.12 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 3 | 3 | NE | 50 | raptor | 1 | 13.01 | 100 | NE | | 5.10 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 50 | raptor | 1 | 13.04 | 60 | NE | | 4.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 50 | Haliaeetus albicilla | 1 | 13.06 | 100 | S | | 1.10 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 50 | raptor | 1 | 13.29 | 200 | SW | | 4.33 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 50 | raptor | 1 | 13.45 | 200 | SW | | 2.11 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 50 | Aquila nipalensis | 1 | 14.05 | 200 | SW | | 5.25 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 50 | raptor | 4 | 14.06 | 200 | SW | | 4.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 70 | Haliaeetus albicilla | 1 | 14.20 | 100 | SW | | 3.30 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 3 | NE | 70 | Aquila nipalensis | 1 | 14.35 | 100 | SW | | 2.00 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 5 | NE | 70 | raptor | 1 | 14.43 | 200 | SW | | 2.27 | | |
| M12 | 16.11.2024 | 12.00-15.00 | 2 | 5 | NE | 70 | raptor | 1 | 14.45 | 50 | SW | | 2.45 | | |
| M13 | 01.10.2024 | 15.00-18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |

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|-----|----------------|-----------------|----|-----|-----|-----|-----------------------------|---|-------|---------|---------|------|-------|-------|-----------------|
| M13 | 02.10. 2024 | 08.00- 11.00 | 17 | — | — | 100 | <i>Pterocles orientalis</i> | 8 | 08.27 | 50 | SE | | 01.33 | | 600 m SW/ 216 |
| M13 | 17.11. 2024 | 08.40- 14.40 | 10 | 0 | | 30 | <i>Buteo sp.</i> | 1 | 08.40 | 0 | сидит | | | | on the point |
| M13 | 17.11. 2024 | 08.40- 14.40 | 5 | 1 | N | 30 | <i>Buteo lagopus</i> | 1 | 10.42 | 50 | S | | 01.49 | | 300 m NE 35 |
| M13 | 17.11. 2024 | 08.40- 14.40 | 8 | 1 | N | 30 | <i>Aquila heliaca</i> | 1 | 11.28 | 50 | S | | 02.53 | | on the point |
| M13 | 17.11. 2024 | 08.40- 14.40 | 7 | 2 | W | 30 | raptor | 1 | 13.00 | 400 | S | | | 02.31 | 1 km E 110 |
| M13 | 17.11. 2024 | 08.40- 14.40 | 8 | 2,8 | W | 30 | <i>Aquila heliaca</i> | 2 | 13.44 | 300 | circle | | | 11.38 | 2 km W 290 |
| M13 | 28.09. 2024 | 14.45- 17.45 | 16 | 5.7 | NEE | 0 | <i>Aquila chrysaetos</i> | 1 | 15.08 | 50 | NNE | | 2.05 | | 2000 m SWW/ 255 |
| M13 | 28.09. 2024 | 14.45- 17.45 | 16 | 6.8 | NEE | 0 | <i>Aquila sp.</i> | 1 | 15.43 | 50 | S | | 0.20 | | 2000 m NWW/ 297 |
| M13 | 28.09. 2024 | 14.45- 17.45 | 16 | 8 | NEE | 0 | <i>Aquila sp.</i> | 1 | 15.45 | 0 | Sitting | | | | 2000 m NWW/ 295 |
| M13 | 28.09. 2024 | 14.45- 17.45 | 15 | 8 | NEE | 0 | <i>Aquila sp.</i> | 1 | 16.23 | 200 | SE | | 02.37 | 1.25 | 1500 m W/ 264 |
| M13 | 29.09. 2024 | 08.00- 11.00 | 15 | 9.1 | NEE | 0 | <i>Aquila chrysaetos</i> | 1 | 10.25 | 100 | SSW | | 2.12 | | 2000 m NNW/ 332 |
| M14 | 01.10. 2024 | 15.00- 18.00 | 22 | — | — | 50 | <i>Syrhaptes paradoxus</i> | 4 | 15.10 | 30 | NEE | | 0.45 | | 300 m SSE/ 160 |
| M14 | 01.10. 2024 | 15.00- 18.00 | 22 | — | — | 50 | <i>Pterocles orientalis</i> | 3 | 15.17 | 10 | NNE | | 0.14 | | 700 m NNW/ 331 |
| M14 | 01.10. 2024 | 15.00- 18.00 | 22 | — | — | 50 | <i>Pterocles orientalis</i> | 1 | 15.19 | 50 | circle | | 0.41 | | 2000 m E/ 82 |
| M14 | 01.10. 2024 | 15.00- 18.00 | 22 | — | — | 60 | <i>Aquila nipalensis</i> | 1 | 15.40 | 300-500 | SW | | | 4.29 | 2000 m N/ 0 |
| M14 | 01.10. 2024 | 15.00- 18.00 | 22 | — | — | 60 | <i>Aquila sp.</i> | 1 | 15.48 | 200 | circle | | 0.53 | | 1500 m W/ 272 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 95 | <i>Pterocles orientalis</i> | 5 | 08.03 | 30 | W | | 5.52 | | 1000 m NE/ 45 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 95 | <i>Pterocles orientalis</i> | 2 | 08.30 | 20 | NWW | 1.18 | 1.18 | | 2000 m NWW/ 295 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 100 | <i>Pterocles orientalis</i> | 2 | 08.35 | 150 | N | | 0.26 | | 1500 m W/ 272 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 100 | <i>Pterocles orientalis</i> | 1 | 08.41 | 20-0 | E | 0.35 | | | 1000 m NNW/ 335 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 100 | <i>Pterocles orientalis</i> | 1 | 09.21 | 30 | circle | | 0.15 | | 500 m NW/ 311 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 90 | <i>Pterocles orientalis</i> | 2 | 09.35 | 20-0 | NE | | 1.21 | | 300 m NE/ 35 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 90 | <i>Pterocles orientalis</i> | 1 | 09.38 | 20-30 | SE | 0.10 | | | 1000 m W/ 260 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 90 | <i>Aquila nipalensis</i> | 1 | 09.59 | 50 | SE | | 1.17 | | 500 m SWW/ 240 |

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|-----|----------------|-----------------|----|-----|-----|-----|------------------------------|-----|-------|---------|--------|------|-------|-------|----------------|
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 80 | Falco tinnunculus | 1 | 10.23 | 50 | N | | 4.02 | | 700 m W/ 350 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | — | — | 80 | Falco tinnunculus | 1 | 10.37 | 20-30 | SW | | 2.47 | | 1000 m NNE/ 13 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | 2.1 | S | 70 | Aquila sp. | 1 | 10.45 | 50 | circle | | 2.05 | | 1000 m S/ 185 |
| M14 | 02.10. 2024 | 08.00- 11.00 | 15 | 2,1 | S | 70 | Aquila sp. | 1 | 10.49 | 100 | circle | | 2.20 | | 2000 m E/ 95 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 5 | 2.7 | SW | 100 | Circus sp. / photo | 1 | 9.54 | 5-10 | SSE | 1.20 | | | 700 m / 245 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 5 | 2.5 | SW | 100 | Larus sp. / photo | 1 | 10.15 | 10-20 | W | 2.34 | | | 800 m / 48 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 5 | 3.0 | SW | 100 | Larus sp. / photo | 3 | 10.32 | 50 | SSW | | 6.38 | | 1000 m / 60 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 6 | 2.3 | SW | 100 | Larus sp. / photo | 16 | 10.39 | 50 | SSW | | 2.42 | | 1000 m / 98 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 7 | 2.5 | SW | 95 | Larus sp. / photo | 19 | 11.10 | 50 | SSW | | 2.29 | | 1500 m / 107 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 7 | 2.5 | SW | 95 | Larus sp. / photo | 10 | 11.14 | 50 | SSW | | 2.39 | | 1700 m / 83 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 6 | 3.3 | SWW | 90 | Aquila chrysaetos / photo | 2 | 13.21 | 200→100 | NEE | | 19.57 | | 2500 m / 224 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 6 | 2.8 | SW | 30 | Aquila chrysaetos / photo | 1 | 14.39 | 50 | SW | | 1.35 | | 1000 m / 104 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 6 | 2.8 | SW | 30 | Aquila sp. / photo | 1 | 14.44 | 30 | SWW | | 0.41 | | 1000 m / 327 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 6 | 2.5 | SWW | 10 | Aquila sp. / photo | 1 | 14.55 | 50 | SWW | | 1.26 | | 1200 m / 319 |
| M14 | 10.11. 2024 | 9.40- 12.40 | 6 | 1.7 | SWW | 0 | Gazelle / photo | 4 | 15.50 | — | — | — | — | — | 8000 m / 165 |
| M14 | 29.09. 2024 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 01.10. 2024 | 15.00- 18.00 | 30 | 1 | NEE | 40 | Pterocles orientalis | 4 | 16.10 | 5 | SWW | 1.54 | | | 500 m SW/ 204 |
| M15 | 02.10. 2024 | 08.00- 11.00 | 15 | 1 | SW | 80 | Pterocles orientalis | 7 | 08.40 | 5 | SE | 2.11 | | | 1000 m N/ 171 |
| M15 | 02.10. 2024 | 08.00- 11.00 | 17 | 3 | NNW | 100 | Circus sp. | 1 | 09.00 | 5 | SW | 3.00 | | | 300 m SW/ 229 |
| M15 | 02.10. 2024 | 08.00- 11.00 | 17 | 4 | NNW | 100 | Pterocles orientalis | 6 | 09.20 | 10 | NW | 3.12 | | | 500 m NNW/ 330 |
| M15 | 28.09. 2024 | 15.00- 18.00 | 16 | 4 | W | 20 | Grus grus | 70 | 16.00 | 1000 | W | | | 03.23 | on the point |
| M15 | 29.09. 2024 | 08.00- 11.00 | 17 | 4 | S | 30 | Pterocles orientalis | 100 | 09.39 | 700 | S | | | 02.23 | 1000 m E/ 92 |
| M15 | 10.11. 2024 | 09.30- 12.30 | 5 | 4.6 | SSW | 100 | Buteo rufinus | 1 | 10.29 | -20-50 | W | 0.30 | 0.46 | | 1100 m N |
| M15 | 10.11. 2024 | 09.30- 12.30 | 6 | 5.6 | SW | 100 | Circus sp. | 1 | 11.32 | 20- | SSW | 0.49 | | | 1200 m NEE |

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|-----|------------|-------------|----|-----|-----|-----|----------------------|----|-------|----------|--------|-------|-------|-------|-----------------|
| M15 | 10.11.2024 | 13.00-16.00 | 7 | 5.8 | SW | 100 | raptor | 1 | 13.03 | 20-100 | SW | | 1.49 | | 1800 m E |
| M15 | 10.11.2024 | 13.00-16.00 | 7 | 5.8 | SW | 100 | raptor | 1 | 13.04 | -20-100 | SW | 0.45 | 1.31 | | 1800 m E |
| M16 | 01.10.2024 | 08.30-11.30 | 12 | 1.2 | NEE | 60 | Falco tinnunculus | 1 | 09.22 | 20-100 | S | 0.15 | 06.35 | | 1000 m NWW/ 225 |
| M16 | 08.10.2024 | 14.30-17.30 | 21 | 5.5 | E | 0 | Falco tinnunculus | 1 | 15.40 | 50 | NE | | 7.18 | | on the point |
| M16 | 08.10.2024 | 14.30-17.30 | 20 | 6 | E | 0 | Pterocles orientalis | 4 | 16.39 | 20 | NE | 1.26 | | | 2000 m SW |
| M16 | 08.10.2024 | 14.30-17.30 | 18 | 6.1 | E | 0 | Pterocles orientalis | 2 | 17.00 | 50 | NE | 1.53 | | | 2000 m S |
| M16 | 29.09.2024 | 14.00-17.00 | 18 | 6.6 | NEE | 0 | Falco tinnunculus | 1 | 14.48 | 50 | circle | | 1.13 | | 700 m SE/ 145 |
| M16 | 29.09.2024 | 14.00-17.00 | 17 | 5,3 | NEE | 0 | Falco tinnunculus | 1 | 15.29 | 150 | S | | 0.39 | | 1000 m SWW/ 245 |
| M16 | 29.09.2024 | 14.00-17.00 | 17 | 5,6 | NEE | 0 | Buteo rufinus | 1 | 15.50 | 50 | N | | 3.17 | | 1500 m SE/ 140 |
| M16 | 15.11.2024 | 08.40-11.40 | 0 | 1.8 | NNE | 0 | Cygnus olor | 4 | 10.03 | 200+ | SWW | | | 0.41 | 1500 m SE |
| M16 | 15.11.2024 | 08.40-11.40 | 0 | 3.5 | NNE | 0 | Cygnus olor | 6 | 10.26 | 200+ | SW | | | 0.38 | 1900 m NWW |
| M16 | 15.11.2024 | 08.40-11.40 | 1 | 3.8 | NNE | 0 | Haliaeetus albicilla | 1 | 11.40 | 150-200+ | SWW | | 0.30 | 1.21 | 1800 m SEE |
| M16 | 15.11.2024 | 12.10-15.10 | 1 | 3 | NNE | 0 | Cygnus sp. | 7 | 12.11 | 200+ | SW | | | 0.29 | 700 m SE |
| M16 | 15.11.2024 | 12.10-15.10 | 2 | 3.4 | NNE | 0 | Falco tinnunculus | 1 | 13.26 | 150-180 | SW | | 0.29 | | 800 m SE |
| M16 | 15.11.2024 | 12.10-15.10 | 1 | 4.5 | NNE | 0 | Anser anser | 50 | 14.06 | 200+ | SW | | | 0.39 | 1800 m SE |
| M17 | 01.10.2024 | 08.20-11.20 | | | | | | | | | | | | | |
| M17 | 05.10.2024 | 13.00-16.00 | 24 | | | 90 | Circus sp. | 1 | 13.42 | 20 | SE | 1.14 | | | on the point |
| M17 | 15.11.2024 | 09.00-15.00 | | 2 | W | 30 | Cygnus olor | 8 | 09.35 | 100 | SW | | 01.00 | | 500 m NW 320 |
| M17 | 15.11.2024 | 09.00-15.00 | | 2 | W | 30 | raptor | 1 | 09.42 | 100 | | | 04.13 | | 2 km SW 215 |
| M17 | 15.11.2024 | 09.00-15.00 | | 2 | W | 30 | Circus sp. | 1 | 09.50 | 5 | | 01.23 | | | 1 km E 100 |
| M17 | 15.11.2024 | 09.00-15.00 | | 2 | W | 30 | Aquila sp. | 1 | 10.00 | 200 | circle | | 03.37 | | 1,5 km NW 320 |
| M17 | 15.11.2024 | 09.00-15.00 | | 3 | W | 30 | Cygnus olor | 6 | 10.25 | 100 | SW | | | | on the point |
| M17 | 15.11.2024 | 09.00-15.00 | | 3 | SW | 30 | Aquila nipalensis | 1 | 13.04 | 300 | SW | | | 02.22 | 1 km NW 330 |
| M17 | 15.11.2024 | 09.00-15.00 | | 2 | SW | 30 | Aquila sp. | 2 | 13.44 | 500 | SW | | | 06.28 | 1 km E 90 |

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|-----|----------------|-----------------|----|-----|-----|-----|--|---|-------|---------|----------|------|-------|------|---------------|
| M19 | 01.10. 2024 | 08.00- 11.00 | 19 | 1 | W | 60 | Buteo rufinus | 1 | 09.59 | 0 | Sitting | | 05.12 | | 1500 m S/ 172 |
| M19 | 01.10. 2024 | 08.00- 11.00 | 20 | 1 | W | 70 | Accipiter nisus | 1 | 10.24 | 400 | S | | 02.35 | | 300 m SW/ 234 |
| M19 | 01.10. 2024 | 08.00- 11.00 | 25 | 1 | NW | 70 | Circus pygargus | 2 | 11.00 | 200 | S | | 04.18 | | 2000 m NE/ 64 |
| M19 | 05.10. 2024 | 13.00- 16.00 | 24 | 2.2 | S | 50 | Falco tinnunculus | 1 | 15.15 | 40 | NE | | 05.49 | | 1000 m E/ 94 |
| M19 | 05.10. 2024 | 13.00- 16.00 | 24 | 2 | S | 70 | Accipiter nisus | 1 | 15.33 | 10 | SSE | | 1.04 | | 300 m S/ 170 |
| M19 | 05.10. 2024 | 13.00- 16.00 | 20 | 0.9 | S | 100 | Chlamydotis macqueenii | 1 | 16.00 | 0 | SE | 0.50 | | | 300 m W/ 221 |
| M19 | 11.11. 2024 | 9.10- 12.10 | 5 | 4.1 | SW | 80 | Raptor / photo | 1 | 9.28 | 20-40 | NE | | 1.19 | | 1000 m / 335 |
| M19 | 11.11. 2024 | 9.10- 12.10 | 6 | 4.6 | SWW | 95 | Falco tinnunculus/naumanni / photo | 1 | 11.21 | 10-50 | SW | 2.05 | 2.05 | | 1000 m / 0 |
| M19 | 11.11. 2024 | 12.40- 15.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M20 | 20.10. 2024 | 08.35- 11.35 | 6 | 4.2 | E | 20 | Pterocles orientalis | 7 | 08.52 | 20-30 | S | | 0.36 | | 200 m E |
| M20 | 20.10. 2024 | 08.35- 11.35 | 7 | 2.4 | E | 20 | Pterocles orientalis | 2 | 09.28 | 20-70 | SW | | 0.44 | | 150 m E |
| M20 | 20.10. 2024 | 08.35- 11.35 | 7 | 3.9 | E | 20 | Larus sp. | 2 | 09.51 | 20 | NEE | 0.49 | | | 700 m S |
| M20 | 20.10. 2024 | 08.35- 11.35 | 7 | 4.6 | E | 20 | Pterocles orientalis | 2 | 09.55 | 20-50 | SE | 0.51 | | | 500 m E |
| M20 | 20.10. 2024 | 08.35- 11.35 | 8 | 4.4 | E | 20 | Aquila nipalensis | 1 | 10.04 | 100-150 | NWW | | 1.54 | | 1000 m NEE |
| M20 | 20.10. 2024 | 08.35- 11.35 | 8 | 5.4 | E | 20 | raptor | 1 | 10.44 | 150-200 | W | | 0.50 | 0.26 | 1000 m SEE |
| M20 | 20.10. 2024 | 08.35- 11.35 | 8 | 5.2 | E | 20 | raptor | 1 | 10.51 | 200+ | SWW | | | 0.21 | 1500 m SEE |
| M20 | 20.10. 2024 | 08.35- 11.35 | 9 | 5.7 | E | 20 | Pterocles orientalis | 7 | 11.10 | 20 | NE | 0.24 | | | 1000 m SEE |
| M20 | 21.10. 2024 | 12.25- 15.25 | 20 | 2.1 | E | 60 | raptor | 1 | 12.37 | 200+ | SWW | | | 0.18 | 1500 m SE |
| M20 | 21.10. 2024 | 12.25- 15.25 | 20 | 1.5 | E | 60 | Pterocles orientalis | 9 | 12.40 | 20 | NE | 0.21 | | | 1000 m SE |
| M20 | 21.10. 2024 | 12.25- 15.25 | 20 | 1.5 | E | 60 | raptor | 1 | 12.48 | 200+ | NE | 0.17 | | | 1900 m SE |
| M20 | 21.10. 2024 | 12.25- 15.25 | 20 | 1 | E | 60 | Pterocles orientalis | 5 | 13.26 | 20-50 | N | | 0.20 | | 1500 m E |
| M20 | 21.10. 2024 | 12.25- 15.25 | 19 | 0.6 | E | 80 | Aquila chrysaetos | 1 | 14.05 | 200+ | cicle, S | | | 3.49 | 2000 m S |
| M20 | 21.10. 2024 | 12.25- 15.25 | 19 | 1.4 | E | 90 | raptor | 2 | 14.11 | 200+ | SWW | | | 1.31 | 1800 m S |
| M20 | 21.10. 2024 | 12.25- 15.25 | 18 | 1 | E | 100 | Haliaeetus albicilla / photo | 1 | 14.57 | 80-0 | Sitting | 0.06 | 0.18 | | 1500 m SE |

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|-----|----------------|-----------------|----|-----|-----|-----|----------------------|-----|-------|----------|-----------------|------|-------|-------|--------------|
| M20 | 10.11. 2024 | 09.05- 12.05 | 1 | 4 | W | 100 | Anser anser | 80 | 11.22 | 200+ | SW | | | 03.43 | |
| M20 | 10.11. 2024 | 09.05- 12.05 | 1 | 5 | W | 100 | Circus sp. | 1 | 11.56 | 5- | SW | 0.42 | | | |
| M20 | 10.11. 2024 | 12.05- 15.05 | 1 | 5 | W | 100 | Circus sp. | 1 | 13.33 | 20-30 | SW | 2.13 | | | |
| M21 | 20.10. 2024 | 14.15- 17.15 | 13 | 9.4 | NE | 60 | Pterocles orientalis | 8 | 14.34 | 20 | SW | 0.15 | 0.31 | | 1000 m N |
| M21 | 20.10. 2024 | 14.15- 17.15 | 11 | 7.2 | NE | 40 | Aquila nipalensis | 1 | 16.02 | 100-120 | SWW | | 0.52 | | 1500 m E |
| M21 | 20.10. 2024 | 14.15- 17.15 | 11 | 7.8 | NE | 40 | Aquila chrysaetos | 1 | 16.08 | 80-120 | SWW | | 0.45 | 2.13 | 1000 NW |
| M21 | 20.10. 2024 | 14.15- 17.15 | 11 | 8.1 | NE | 40 | raptor | 1 | 16.10 | 50-100 | W | | 0.18 | | 1000 m NW |
| M21 | 21.10. 2024 | 08.00- 11.00 | 9 | 4.1 | NE | 70 | Pterocles orientalis | 7 | 09.03 | 20 | NW | 0.44 | | | 1000 m NNE |
| M21 | 21.10. 2024 | 08.00- 11.00 | 12 | 3.1 | NE | 30 | Aquila chrysaetos | 1 | 09.24 | 0-20-200 | NW | 0.30 | 1.15 | 3.16 | 1000 m E |
| M21 | 11.11. 2024 | 08.55- 11.55 | 2 | 6.2 | SW | 80 | Circus sp. | 1 | 09.47 | 20- | S | 0.41 | | | 1000 m NNW |
| M21 | 11.11. 2024 | 08.55- 11.55 | 3 | 6.5 | SW | 80 | Aquila chrysaetos | 1 | 10.42 | 100-200+ | SW | | 2.59 | 2.16 | 1500 m N |
| M21 | 11.11. 2024 | 08.55- 11.55 | 3 | 7.4 | SW | 80 | Circus sp. | 1 | 10.59 | 20- | S | 1.18 | | | 150 m N |
| M21 | 11.11. 2024 | 08.55- 11.55 | 3 | 7.4 | SW | 90 | Falco tinnunculus | 1 | 10.59 | 20- | SE | 1.34 | | | 150 m NW |
| M21 | 11.11. 2024 | 12.25- 15.25 | 6 | 8.5 | SW | 100 | Falco tinnunculus | 1 | 14.27 | 20-50 | SSE | | 4.03 | | 100 m SE |
| M22 | 20.10. 2024 | 8.45- 11.45 | 10 | 5.5 | E | 10 | Pterocles orientalis | ~40 | 8.45 | 15 | Short flight | 0.10 | | | 600 m / 25 |
| M22 | 20.10. 2024 | 8.45- 11.45 | 9 | 7.1 | E | 20 | Pterocles orientalis | 1 | 10.00 | 50→0 | NW | 0.05 | 0.43 | | 500 m / 5 |
| M22 | 20.10. 2024 | 8.45- 11.45 | 10 | 6.6 | E | 20 | Aquila sp. / photo | 1 | 10.05 | 100→200 | W | | 3.45 | | 1000 m / 150 |
| M22 | 21.10. 2024 | 12.40- 15.40 | 21 | 0 | — | 80 | Aquila chrysaetos | 1 | 14.11 | 150→500 | W | | 13.19 | 4.31 | 2000 m / 90 |
| M24 | 20.10. 2024 | 14.15- 17.15 | 12 | 5.5 | NEE | 50 | Aquila sp. / photo | 1 | 15.16 | 100-200 | SSW | | 3.52 | | 1500 m / 100 |
| M24 | 21.10. 2024 | 8.05- 11.05 | 10 | 0 | — | 10 | Pterocles orientalis | 8 | 10.49 | 30→10 | NEE | 0.08 | 0.35 | | 1000 m / 322 |
| M24 | 11.11. 2024 | 09.10- 12.10 | 2 | 2 | SW | 90 | Aquila nipalensis | 1 | 09.18 | 100 | W | | 4.50 | | |
| M24 | 11.11. 2024 | 09.10- 12.10 | 2 | 2 | SW | 90 | Anser anser | 50 | 09.52 | 200+ | W | | | 6.18 | |
| M24 | 11.11. 2024 | 09.10- 12.10 | 5 | 2 | SW | 90 | Aquila chrysaetos | 1 | 10.41 | 100 | SW | | 2.04 | | |
| M24 | 11.11. 2024 | 09.10- 12.10 | 7 | 2 | SW | 90 | Haliaeetus albicilla | 1 | 11.36 | 3 | W | 0.44 | | | |

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|-----|----------------|-----------------|----|-----|-----|-----|-----------------------------|---|-------|-----|--------|-------|-------|-------|----------------|
| M24 | 11.11. 2024 | 12.10- 15.10 | 7 | 3 | SW | 90 | <i>Aquila chrysaetos</i> | 1 | 12.19 | 100 | S | | 2.50 | | |
| M26 | 10.11. 2024 | 09.00- 15.00 | 6 | 4,9 | E | 100 | <i>Circus cyaneus</i> | 1 | 11.43 | 5 | E | 03.03 | | | 300 m W 270 |
| M26 | 10.11. 2024 | 09.00- 15.00 | 4 | 5,1 | E | 100 | <i>Falco tinnunculus</i> | 1 | 12.18 | 10 | сеП | 02.15 | | | on the point |
| M26 | 10.11. 2024 | 09.00- 15.00 | 4 | 4,8 | E | 100 | <i>Accipiter nisus</i> | 1 | 13.06 | 50 | SE | | 02.15 | | 200 m N 150 |
| M26 | 10.11. 2024 | 09.00- 15.00 | 4 | 5 | E | 95 | <i>Haliaeetus albicilla</i> | 1 | 13.35 | 100 | SW | | 06.01 | | 100 m NW 305 |
| M26 | 20.10. 2024 | 08.15- 11.15 | 9 | 8,1 | SW | 80 | <i>Aquila nipalensis</i> | 3 | 11.02 | 500 | SW | | | 03.28 | 500 m NE 55 |
| M32 | 07.10. 2024 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M32 | 08.10. 2024 | 08.00- 11.00 | 10 | 4 | SE | 0 | <i>Buteo sp.</i> | 2 | 08.02 | 50 | SSE | | 3.32 | | on the point |
| M32 | 08.10. 2024 | 08.00- 11.00 | 20 | 4 | E | 0 | <i>Pterocles orientalis</i> | 2 | 08.49 | 10 | S | 0.42 | | | on the point |
| M32 | 19.11. 2024 | 08.30- 14.30 | 4 | 2,4 | W | 60 | <i>Syrrhaptes paradoxus</i> | 1 | 09.04 | 30 | NE | | 00.30 | | 200 m W 290 |
| M32 | 19.11. 2024 | 08.30- 14.30 | 4 | 2,4 | W | 70 | <i>Falco tinnunculus</i> | 1 | 10.08 | 30 | S | | 07.52 | | 200 m NE 45 |
| M32 | 19.11. 2024 | 08.30- 14.30 | 8 | 3,5 | W | 60 | <i>Haliaeetus albicilla</i> | 4 | 12.50 | 150 | S | | 06.03 | | 1 km SE 125 |
| M32 | 19.11. 2024 | 08.30- 14.30 | 8 | 4,4 | W | 40 | <i>Aquila nipalensis</i> | 1 | 13.30 | 150 | SW | | 04.24 | | on the point |
| M32 | 25.09. 2024 | 15.00- 18.00 | 19 | 5 | NNE | 100 | <i>Falco tinnunculus</i> | 1 | 15.03 | 150 | SEE | | 0,40 | | 2000 m SE/ 127 |
| M32 | 25.09. 2024 | 15.00- 18.00 | 19 | 5 | NE | 100 | <i>Falco tinnunculus</i> | 1 | 15.35 | 100 | NEE | | 1.01 | | 700 m NEE/ 72 |
| M32 | 25.09. 2024 | 15.00- 18.00 | 13 | 4 | NE | 100 | <i>Aquila nipalensis</i> | 1 | 17.15 | 20 | E | 0,59 | | | 1000 m NE/ 53 |
| M32 | 25.09. 2024 | 15.00- 18.00 | 12 | 4 | NE | 100 | <i>Buteo rufinus</i> | 1 | 17.50 | 100 | NE | | 0.11 | | 1000 m NE/ 318 |
| M32 | 26.09. 2024 | 08.00- 11.00 | 10 | 4 | NEE | 100 | <i>Pterocles orientalis</i> | 6 | 08.10 | 10 | SE | 0.10 | | | 100 m SE/ 135 |
| M32 | 26.09. 2024 | 08.00- 11.00 | 10 | 4 | NEE | 100 | <i>Circus pygargus</i> | 1 | 09.05 | 5 | NWW | 0.05 | | | 150 m NW/ 12 |
| M32 | 26.09. 2024 | 08.00- 11.00 | 10 | 4 | NEE | 100 | <i>Accipiter nisus</i> | 1 | 09.40 | 150 | NWW | | 0.13 | | 500 m SWW/ 244 |
| M32 | 26.09. 2024 | 08.00- 11.00 | 10 | 5 | NNE | 100 | <i>Falco tinnunculus</i> | 1 | 10.05 | 10 | NNE | 0.38 | | | 700 m N/ 4 |
| M32 | 26.09. 2024 | 08.00- 11.00 | 11 | 5 | NEE | 100 | <i>Falco tinnunculus</i> | 1 | 10.15 | 10 | SE | 0.25 | | | 500 m SE/ 79 |
| N2 | 24.10. 2024 | 09.40- 12.40 | 12 | 2,9 | N | 100 | <i>Circus aeruginosus</i> | 1 | 09.40 | 0 | 0 | | 0 | | 700 m E 100 |
| N2 | 24.10. 2024 | 09.40- 12.40 | 13 | 2,9 | N | 70 | <i>Aquila sp.</i> | 1 | 11.30 | 150 | circle | | 13.16 | | 1500 m E 75 |

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|-----|------------|-------------|----|-----|-----|-----|---------------------------|---|-------|----------|-------------|------|-------|-------|-------------------|
| N2 | 24.10.2024 | 09.40-12.40 | 12 | 4,9 | N | 90 | Aquila sp. | 1 | 11.45 | 50 | 0 | | 05.00 | | 1500 m NW 310 |
| N2 | 24.10.2024 | 09.40-12.40 | 12 | 4,9 | N | 90 | Buteo sp. | 1 | 11.45 | 50 | circle | | | | 1500 m NW 310 |
| N2 | 24.10.2024 | 09.40-12.40 | 11 | 3,8 | N | 90 | Aquila sp. | 1 | 12.20 | 200-300 | circle | | 02.38 | 14.44 | 1 km NW 300 |
| N2 | 24.10.2024 | 13.10-16.10 | 12 | 4 | NE | 90 | Buteo sp. | 1 | 13.20 | 50 | W | | 11.56 | | 700 m W 290 |
| N2 | 24.10.2024 | 13.10-16.10 | 12 | 4,3 | NE | 90 | Aquila sp. | 1 | 13.40 | 150 | 0 | | 05.25 | | 2 km NE 40 |
| N2 | 24.10.2024 | 13.10-16.10 | 13 | 5,9 | NE | 90 | Aquila sp. | 1 | 13.59 | 50 | circle | | 02.02 | | 2 km NW 325 |
| N2 | 24.10.2024 | 13.10-16.10 | 12 | 4,1 | NE | 100 | Buteo rufinus | 1 | 14.32 | 20 | 0 | | 00.42 | | 1 km NW 310 |
| P02 | 23.10.2024 | 09.40-12.40 | 10 | 3.8 | SW | 100 | Aquila chrysaetos | 1 | 11.18 | 200+ | circle, SSW | | | 3.16 | 2300 m NNE |
| P02 | 23.10.2024 | 09.40-12.40 | 10 | 3.8 | SW | 100 | raptor | 1 | 11.26 | 200+ | circle, E | | | 4.24 | 2300 m NNE |
| P02 | 23.10.2024 | 09.40-12.40 | 10 | 4.1 | SW | 100 | Circus sp. | 1 | 12.07 | 20 | SEE | 2.41 | | | 500 m NNE |
| P02 | 23.10.2024 | 13.40-16.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P06 | 20.10.2024 | 14.00-17.00 | 16 | 5,8 | SW | 80 | Falco tinnunculus | 1 | 14.22 | 150 | SW | | 00.28 | | on the point |
| P06 | 20.10.2024 | 14.00-17.00 | 17 | 7,2 | SW | 70 | Buteo rufinus | 1 | 15.09 | 300 | SW | | | 01.10 | on the point |
| P06 | 20.10.2024 | 14.00-17.00 | 15 | 3,8 | SW | 70 | Aquila nipalensis | 1 | 15.46 | 30 | W | | 04.10 | | 300 m E 88 |
| P06 | 20.10.2024 | 14.00-17.00 | 16 | 4,6 | SW | 70 | Aquila nipalensis | 1 | 16.03 | 50 | W | | 01.45 | | 500 m SE 120 |
| P06 | 21.10.2024 | 08.00-11.00 | 10 | 3,5 | W | 30 | Pterocles orientalis | 9 | 08.32 | 30 | S | | | 00.20 | 500 m E 85 |
| P06 | 21.10.2024 | 08.00-11.00 | 17 | 3,2 | W | 50 | Haliaeetus albicilla | 1 | 10.07 | 100 | W | | 04.45 | | 1 km N 20 |
| P06 | 21.10.2024 | 08.00-11.00 | 20 | 1,3 | W | 50 | Aquila nipalensis | 1 | 10.31 | 200 | S | | 02.24 | | on the point |
| P06 | 15.11.2024 | 09.00-12.00 | -3 | 2 | NE | 0 | Aquila nipalensis | 1 | 09.50 | 100-150 | W | | 01.37 | | |
| P06 | 15.11.2024 | 09.00-12.00 | -3 | 3 | NE | 0 | Aquila chrysaetos | 1 | 09.50 | 150-200+ | W | | 3.00 | 09.49 | |
| P06 | 15.11.2024 | 09.00-12.00 | -3 | 3 | NE | 0 | Circus sp. | 1 | 10.06 | 40-50 | W | | 0.49 | | |
| P06 | 15.11.2024 | 09.00-12.00 | -1 | 2 | NE | 0 | Aquila nipalensis | 1 | 12.39 | 50-60 | SW | | 0,35 | | |
| P17 | 22.10.2024 | 8.00-11.00 | 15 | 0.5 | SWW | 100 | Aquila chrysaetos | 1 | 10.46 | 20-40 | SWW | | 3.39 | | 1700 m / 97 |
| P17 | 22.10.2024 | 12.00-15.00 | 17 | 1.4 | SWW | 90 | Aquila nipalensis / photo | 1 | 12.11 | 200-500 | W | | | 4.53 | 1500-2000 m / 140 |

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|-----|----------------|-----------------|----|-----|-----|----|------------------------------|----|-------|----------------|-----|---|-------|------|--------------|
| P17 | 17.11. 2024 | 08.55- 11.55 | 0 | 1.4 | E | 5 | raptor | 1 | 11.41 | 200+ | SWW | | | 1.48 | |
| P17 | 17.11. 2024 | 12.25- 15.25 | 1 | 3.2 | E | 20 | raptor | 1 | 13.01 | 150-200 | SW | | 2.14 | | |
| P17 | 17.11. 2024 | 12.25- 15.25 | 1 | 2.9 | E | 20 | raptor | 1 | 13.39 | 100-150 | SWW | | 2.26 | | |
| P24 | 17.11. 2024 | 9.15- 12.15 | 5 | 0 | — | 5 | Aquila sp. | 1 | 9.50 | 150 | SWW | | 1.57 | | 2000 m / 80 |
| P24 | 17.11. 2024 | 9.15- 12.15 | — | — | — | — | Argali | 5 | 10.43 | — | — | — | — | — | 5000 m / 300 |
| P24 | 17.11. 2024 | 9.15- 12.15 | 6 | 1.7 | NEE | 10 | Aquila sp. / photo | 1 | 11.38 | 50-100 | SW | | 7.32 | | 2000 m / 85 |
| P24 | 17.11. 2024 | 9.15- 12.15 | 6 | 2.1 | NEE | 15 | Aquila sp. / photo | 1 | 12.00 | 100-150 | W | | 8.31 | | 2500 m / 32 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 6 | 1.6 | NEE | 20 | Aquila nipalensis / photo | 1 | 12.48 | 100→50 →150 | SWW | | 16.17 | | 2000 m / 46 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 6 | 2.0 | NEE | 25 | Buteo rufinus / photo | 2 | 13.25 | 50 | W | | 3.54 | | 1300 m / 33 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 6 | 2.1 | NEE | 25 | Aquila nipalensis / photo | 1 | 13.36 | 50 | SW | | 3.51 | | 800 m / 38 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 6 | 2.1 | NEE | 25 | Aquila sp. / photo | 1 | 13.36 | 50 | SWW | | 4.17 | | 2000 m / 38 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 6 | 2.3 | NEE | 30 | Haliaeetus albicilla / photo | 1 | 13.47 | 50 | SW | | 3.38 | | 2500 m / 75 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 6 | 2.3 | NEE | 30 | Aquila sp. | 1 | 13.52 | 100 | SWW | | 2.04 | | 1500 m / 350 |
| P24 | 17.11. 2024 | 12.45- 15.45 | — | — | — | — | Argali | 5 | 14.05 | — | — | — | — | — | 4000 m / 154 |
| P24 | 17.11. 2024 | 12.45- 15.45 | 5 | 2.5 | NEE | 30 | Cygnus sp. / photo | 24 | 15.19 | 300 | SWW | | | 3.23 | 2500 m / 350 |
| X04 | 22.10. 2024 | 08.00- 11.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X04 | 22.10. 2024 | 12.10- 15.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X04 | 19.11. 2024 | 09.00- 12.00 | 7 | 4 | NE | 80 | Haliaeetus albicilla | 1 | 11.46 | 200+ | | | | 0.43 | |
| X04 | 19.11. 2024 | 09.00- 12.00 | 7 | 4 | NE | 80 | Haliaeetus albicilla | 2 | 11.50 | 100 | | | 1.45 | | |
| X04 | 19.11. 2024 | 09.00- 12.00 | 7 | 4 | NE | 80 | Aquila nipalensis | 1 | 11.52 | 200+ | | | | 0.50 | |
| X04 | 19.11. 2024 | 12.00- 15.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.1 | NE | 0 | Aquila sp. | 1 | 9.34 | 250 | SW | | | 3.27 | 1000 m / 108 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.1 | NEE | 0 | Aquila sp. | 1 | 9.38 | 150 | SW | | 2.21 | | 1000 m / 148 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.1 | NEE | 0 | Aquila sp. | 2 | 9.39 | 250 | SW | | | 3.34 | 2000 m / 78 |

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|-----|----------------|----------------|----|-----|-----|---|----------------------------------|----|-----------------|---------|-----|------|------|-----------|---------------------|
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.1 | NEE | 0 | Aquila sp. | 2 | 9.41 | 200 | SW | | 1.45 | | 2000 m / 62 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.4 | NEE | 0 | Aquila nipalensis / photo | 1 | 9.45 | 150 | W | | 2.53 | | 700 m / 13 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.4 | NEE | 0 | Cygnus olor / photo | 15 | 9.47 | 200 | SW | | 3.10 | | 1000 m / 310 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.4 | NEE | 5 | Haliaeetus albicilla / photo | 1 | 9.50 | 100 | W | | 2.01 | | 1000 m / 56 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.5 | E | 0 | Aquila sp. | 1 | 10.32 | 150 | SW | | 3.49 | | 1500 m / 105 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.4 | E | 0 | Aquila sp. | 1 | 10.56 | 200 | W | | 0.47 | | 2000 m / 7 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.9 | E | 0 | Aquila sp. / photo | 1 | 11.08 | 250 | SWW | | | 2.08 | 1000 m / 14 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.6 | NEE | 0 | Aquila nipalensis / photo | 1 | 11.20 | 100 | SWW | | 3.03 | | 700 m / 65 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.5 | NEE | 0 | Pterocles sp. | 4 | 11.39 | 10 | SEE | 0.25 | | | 200 m / 33 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.7 | NEE | 0 | Haliaeetus albicilla / photo | 2 | 11.48 | 200→100 | SWW | | 2.44 | | 1000 m / 44 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.9 | NEE | 0 | Haliaeetus albicilla / photo | 1 | 11.57 | 100→150 | SSW | | 5.03 | | 1000 m / 47 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.0 | NEE | 0 | Aquila sp. / photo | 1 | 12.07 | 50 | SWW | | 0.43 | | 2300 m / 7 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.0 | NEE | 0 | Haliaeetus albicilla / photo | 3 | 12.13 | 50→200 | SW | | 2.38 | | 600 m / 115 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.0 | NEE | 0 | Aquila nipalensis / photo | 1 | 12.15 | 300→150 | SW | | 2.49 | 2.06 | 1000 m / 60 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.9 | NEE | 0 | Pelecanus onocrotalus / photo | 7 | 12.33 | 100 | SWW | | 3.55 | | 1000 m / 5 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.2 | NEE | 0 | Aquila sp. | 26 | 12.48- 13.10 | 200-500 | SW | | | 3.00-5.00 | 2000-2500 m / 30-40 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.0 | NEE | 0 | Aquila sp. | 1 | 13.10 | 200 | SW | | 1.55 | | 2000 m / 113 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.3 | NEE | 0 | Aquila nipalensis / photo | 1 | 13.12 | 250→150 | SW | | 1.12 | 1.36 | 2000 m / 71 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.8 | NEE | 0 | Aquila sp. | 1 | 13.24 | 300 | SW | | | 1.05 | 2500 m / 30 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.0 | NEE | 0 | Aquila sp. / photo | 1 | 13.25 | 200 | SW | | 1.31 | | 2000 m / 30 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.7 | NEE | 0 | Aquila sp. | 1 | 13.31 | 150 | SW | | 2.48 | | 1000 m / 5 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.0 | NEE | 0 | Aquila nipalensis / photo | 1 | 13.38 | 300 | SWW | | | 4.00 | 1500 m / 48 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 3.4 | NEE | 0 | Aquila nipalensis | 1 | 14.23 | 250→100 | SWW | | 3.18 | 1.40 | 2000 m / 50 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.8 | NEE | 0 | Aquila sp. | 9 | 14.44 | 200-300 | SWW | | | 3.39 | 1500 m / 15 |

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|-----|----------------|-----------------|----|-----|-----|-----|--|---|-------|-------|---------|-------|------|-------|---------------|
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.7 | NEE | 0 | Falco tinnunculus/naumanni / photo | 1 | 14.53 | 50→0 | Hunting | | 3.48 | 0.07 | 600 m / 313 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.5 | NEE | 0 | Falco tinnunculus/naumanni | 1 | 15.06 | 30-50 | Hunting | | 7.10 | | 300 m / 300 |
| X05 | 15.11. 2024 | 9.10- 12.10 | -3 | 2.7 | NEE | 0 | Aquila sp. | 1 | 15.10 | 100 | SW | | 0.57 | | 1500 m / 330 |
| X05 | 22.20. 2024 | 08.00- 11.00 | 17 | 0,2 | NW | 90 | Accipiter nisus | 1 | 10.23 | 2 | SE | 00.30 | | | 300 m E 70 |
| X05 | 22.20. 2024 | 12.00- 15.00 | 22 | 1,4 | SE | 80 | Aquila sp. | 1 | 13.06 | 300 | SW | | | 03.11 | 1 km SE 115 |
| X05 | 22.20. 2024 | 12.00- 15.00 | 23 | 1,4 | SE | 100 | Falco tinnunculus | 1 | 13.50 | 20 | 0 | 00.10 | | | 200 m W 280 |

Annex 1.2 Observations with vantage points in September-November 2024, Power lines

| Point № | Date | Time | Temper ature | Wind speed, m/s | Wind direction | Cloudin ess, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20- 50 m),m.s | Band 3 (>50 m),m.s | Note |
|-----------------|----------------|-----------------|-----------------|--------------------|-------------------|-------------------|--|---------------|-------------------|---------------------|---------------------|-----------------------|--------------------------|-----------------------|----------------------------|
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 10 | 2.5 | NWW | 100 | Aquila chrysaetos / photo | 1 | 10.15 | 0 | — | | | | 1000 m / 57 |
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 11 | 2.8 | NWW | 80 | Pterocles orientalis | 4 | 10.57 | 50 | NE | | 0.27 | | 800 m / 118 R→L h=50m |
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 11 | 3.0 | NWW | 80 | Aquila chrysaetos / photo | 1 | 11.07 | 0→300 | NEE | 0.10 | 3.15 | 0.46 | 1000 m / 57 RF |
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 11 | 2.6 | W | 80 | Aquila sp. / photo | 1 | 11.22 | 300→150 →300 | SW | | 3.06 | 5.44 | 1500 m / 88 L→R h=300m |
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 11 | 2.6 | W | 80 | Aquila sp. / photo | 1 | 11.22 | 500 | SW | | | 7.15 | 2000 m / 88 L→R h=500m |
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 12 | 2.3 | W | 70 | Buteo rufinus / photo | 1 | 11.48 | 40 | — | | 6.14 | | 500 m / 36 RF |
| OHL_VP _1/SE | 23.10. 2024 | 10.15- 13.15 | 12 | 2.3 | W | 70 | Tadorna ferruginea / photo | 2 | 11.54 | 100 | NE | | 0.35 | | 1000 m / 155 R→L h=100m |
| OHL_VP _1/SE | 23.10. 2024 | 13.50- 16.50 | 13 | 2.0 | SWW | 70 | Falco tinnunculus/naumanni | 1 | 13.56 | 20 | NW | 0.25 | | | 2000 m / 65 |
| OHL_VP _1/SE | 23.10. 2024 | 13.50- 16.50 | 1.7 | 1.7 | SWW | 70 | Circus sp. / photo | 1 | 14.27 | 2 | SE | 3.16 | | OH | 500 m / 288 L→R h=2m |
| OHL_VP _1/SE | 23.10. 2024 | 13.50- 16.50 | 1.5 | 1.5 | SWW | 70 | Falco tinnunculus/naumanni / photo | 1 | 14.40 | 50 | SE | | 3.31 | | 800 m / 68 |
| OHL_VP _1/SE | 19.11. 2024 | 08.45- 11.45 | 2 | 0 | — | 70 | — | — | — | — | — | — | — | — | — |
| OHL_VP _1/SE | 19.11. 2024 | 12.00- 15.00 | 7 | 1.5 | NEE | 30 | Haliaeetus albicilla ad.+juv. / photo | 2 | 12.09 | 80 | SSW | | | 2.05 | 500 m / 52 L→R h=80m |
| OHL_VP _1/SE | 19.11. 2024 | 12.00- 15.00 | 7 | 3.1 | NEE | 20 | Circus sp. / photo | 1 | 12.40 | 5-20 | Hunting | 0.43 | | | 500 m / 60 RF |

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|-----------------|----------------|-----------------|----|-----|-----|-----|--------------------------------------|---|-------|---------|-----|------|--|------|--------------------------------|
| OHL_VP _1/SE | 19.11. 2024 | 12.00- 15.00 | 7 | 3.5 | NEE | 10 | Aquila nipalensis / photo | 1 | 13.22 | 200 | SW | | | 2.15 | 2000 m / 125 L→R h=200m |
| OHL_VP _1/SE | 19.11. 2024 | 12.00- 15.00 | 7 | 3.0 | NEE | 10 | Haliaeetus albicilla juv. / photo | 1 | 13.27 | 150 | SW | | | 3.09 | 500 m / 71 L→R h=150m |
| OHL_VP _2/N | 18.10. 2024 | 08.10- 11.10 | 7 | 6.1 | E | 0 | Buteo rufinus | 2 | 09.15 | 100-150 | W | | | 0.48 | 2000 m N, R→L |
| OHL_VP _2/N | 18.10. 2024 | 08.10- 11.10 | 7 | 5.8 | E | 0 | Aquila nipalensis | 1 | 09.20 | 100-120 | SW | | | 1.01 | 200 m NE, R→L |
| OHL_VP _2/N | 18.10. 2024 | 08.10- 11.10 | 7 | 6.2 | E | 0 | Aquila nipalensis | 1 | 09.41 | 80-100 | SW | | | 3.18 | 2000 m NNE, R→L |
| OHL_VP _2/N | 19.10. 2024 | 13.45- 16.45 | 13 | 7.1 | NE | 10 | raptor | 1 | 14.07 | 100-200 | NW | | | 0.16 | 2000 m NEE ↑ S |
| OHL_VP _2/N | 19.10. 2024 | 13.45- 16.45 | 13 | 7.3 | NE | 10 | raptor | 1 | 14.09 | 100-200 | NW | | | 0.25 | 2000 m NE ↑ S |
| OHL_VP _2/N | 19.10. 2024 | 13.45- 16.45 | 13 | 6.8 | NE | 10 | raptor | 1 | 14.17 | 100-120 | S | | | 1.38 | 1000 m NW ↑ S |
| OHL_VP _2/N | 20.11. 2024 | 08.30- 11.30 | 5 | 2.7 | SW | 100 | Circus sp. | 1 | 09.11 | -20 | S | 0.48 | | | 1700 m N ↑ S |
| OHL_VP _2/N | 20.11. 2024 | 08.30- 11.30 | 5 | 2.4 | SW | 100 | Circus sp. | 1 | 09.24 | -20 | SWW | 0.31 | | | 1000 m NEE R→L |
| OHL_VP _2/N | 20.11. 2024 | 11.30- 14.30 | 4 | 4.8 | SW | 100 | Haliaeetus albicilla | 1 | 13.18 | 50+ | SW | | | 1.34 | 1500 m NE R→L |
| OHL_VP _2/N | 20.11. 2024 | 11.30- 14.30 | 4 | 5.1 | SW | 100 | Haliaeetus albicilla | 1 | 13.48 | 50+ | SW | | | 1.40 | 700 m NE R→L |
| OHL_VP _2/S | 18.10. 2024 | 8.10- 11.10 | 7 | 4.4 | NEE | 0 | Aquila sp. | 1 | 9.03 | 100 | N | | | | 2000 m W / 274 |
| OHL_VP _2/S | 18.10. 2024 | 8.10- 11.10 | 7 | 3.6 | NEE | 0 | Buteo rufinus / photo | 1 | 9.13 | 100 | SSW | | | | 2000 m NW / 292 |
| OHL_VP _2/S | 18.10. 2024 | 8.10- 11.10 | 7 | 3.6 | NEE | 0 | Aquila nipalensis ? / photo | 1 | 9.16 | 50 | SSW | | | | 2000 m NW / 312 |
| OHL_VP _2/S | 18.10. 2024 | 8.10- 11.10 | 7 | 4.1 | NEE | 0 | Aquila nipalensis ? / photo | 1 | 9.22 | 80 | SSW | | | 2.20 | L→R h=80m |
| OHL_VP _2/S | 18.10. 2024 | 8.10- 11.10 | 7 | 4.7 | NEE | 0 | Aquila nipalensis / photo | 1 | 10.10 | 150 | SWW | | | 2.24 | 1000 m E / 96 L→R h=150m |
| OHL_VP _2/S | 19.10. 2024 | 13.45- 16.45 | 13 | 6.6 | NEE | 20 | Buteo rufinus / photo | 2 | 14.40 | 200→300 | SSW | | | 1.46 | 2000 m E / 80 |
| OHL_VP _2/S | 19.10. 2024 | 13.45- 16.45 | 13 | 5.6 | NEE | 30 | Aquila chrysaetos / photo | 2 | 15.04 | 200→100 | NW | | | 7.43 | 2000 m SEE / 114 |
| OHL_VP _2/S | 19.10. 2024 | 13.45- 16.45 | 13 | 6.7 | NEE | 30 | Aquila sp. / photo | 1 | 15.20 | 200→300 | W | | | 4.17 | 1500 m SEE / 110 L→K h=250m |
| OHL_VP _2/S | 19.10. 2024 | 13.45- 16.45 | 12 | 6.0 | NEE | 40 | Aquila sp. / photo | 1 | 16.07 | 10 | SWW | 3.52 | | | 2000 m SEE / 105 L→K h=10m |
| OHL_VP _2/S | 19.10. 2024 | 13.45- 16.45 | 12 | 6.0 | NEE | 40 | Aquila nipalensis / photo | 1 | 16.12 | 100 | W | | | 5.11 | 1000 m SEE / 112 L→R p=100m |
| OHL_VP _2/S | 20.11. 2024 | 08.30- 11.30 | 5 | 2.7 | SW | 100 | Circus sp. | 1 | 09.12 | -20 | S | 0.37 | | | on the point, ↑ S |
| OHL_VP _2/S | 20.11. 2024 | 08.30- 11.30 | 5 | 2.4 | SW | 100 | Circus sp. | 1 | 09.24 | -20 | SWW | 2.24 | | | on the point, L→R |

| | | | | | | | | | | | | | | | |
|------------|------------|-------------|----|-----|----|-----|----------------------------|---|-------|-------|----|-------|-------|-------|------------------------------------|
| OHL_VP_2/S | 20.11.2024 | 11.30-14.30 | 4 | 4,8 | SW | 100 | Haliaeetus albicilla | 1 | 13.20 | 50+ | SW | | | 1.21 | on the point, L→R |
| OHL_VP_2/S | 20.11.2024 | 11.30-14.30 | 4 | 5,1 | SW | 100 | Haliaeetus albicilla | 1 | 13.49 | 50+ | SW | | | 1.37 | on the point, L→R |
| OHL_VP_3/N | 18.10.2024 | 08.30-11.30 | 10 | 5 | NW | 10 | Chroicocephalus ridibundus | 3 | 08.36 | 50 | W | | | | E to W |
| OHL_VP_3/N | 18.10.2024 | 08.30-11.30 | 10 | 5 | NW | 10 | Aquila nipalensis | 1 | 08.38 | 0 | N | | | | Sitting on the pole, then fly away |
| OHL_VP_3/N | 18.10.2024 | 08.30-11.30 | 9 | 7,2 | W | 10 | Aquila sp. | 2 | 09.06 | 150 | W | | 01.56 | | 2 km N 359 E to W |
| OHL_VP_3/N | 18.10.2024 | 08.30-11.30 | 10 | 3,6 | W | 20 | Aquila chrysaetos | 1 | 09.53 | 20 | E | | | | 500 m NW 323 W to E |
| OHL_VP_3/N | 18.10.2024 | 08.30-11.30 | 10 | 4 | W | 20 | Falco tinnunculus | 1 | 11.14 | 10 | E | | | | 50 m NW 322 W to E |
| OHL_VP_3/N | 19.10.2024 | 13.30-16.30 | 14 | 5,5 | W | 30 | Aquila nipalensis | 1 | 13.54 | 500 | W | | | 02.25 | NE to W |
| OHL_VP_3/N | 19.10.2024 | 13.30-16.30 | 14 | 5 | W | 30 | Aquila sp. | 1 | 14.12 | 800 | W | | | 01.15 | NE to W |
| OHL_VP_3/N | 19.10.2024 | 13.30-16.30 | 13 | 5,2 | W | 40 | Aquila heliaca | 1 | 14,48 | 500 | W | | | 02.08 | E to W |
| OHL_VP_3/N | 19.10.2024 | 13.30-16.30 | 12 | 5,8 | W | 40 | Aquila nipalensis | 1 | 15.00 | 800 | SW | | | 01.52 | 500 m N 353 N to SW |
| OHL_VP_3/N | 19.10.2024 | 13.30-16.30 | 12 | 4,3 | SW | 40 | Buteo rufinus | 1 | 15.49 | 200 | W | | 01.13 | | 500 m NE 24 E to W |
| OHL_VP_3/N | 19.10.2024 | 13.30-16.30 | 12 | 6,6 | SW | 40 | Accipiter gentilis | 1 | 16.00 | 150 | SW | | 01.34 | | E to SW |
| OHL_VP_3/N | 20.11.2024 | 08.45-11.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_3/N | 20.11.2024 | 11.45-14.45 | 5 | 2 | SW | 80 | Falco tinnunculus/naumanni | 1 | 13.19 | 20-40 | S | | 2.30 | | on the point, ↑ S |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 17 | 3,7 | W | 10 | Aquila heliaca | 1 | 14.05 | 150 | SW | | 00.31 | | NE to SW |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 15 | 3,5 | W | 10 | Aquila nipalensis | 1 | 14.20 | 200 | W | | 03.23 | | 1 km NE 24 E to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 4 | W | 10 | Falco tinnunculus | 1 | 14.45 | 5 | | 00.47 | | | 200 m N 5 |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 15 | 3,9 | W | 10 | Aquila nipalensis | 1 | 14.55 | 500 | W | | | 03.05 | NE to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 4,5 | W | 10 | Aquila heliaca | 1 | 15.02 | 500 | W | | | 03.58 | 500 m N 3 N to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 4,5 | W | 10 | Clanga clanga | 3 | 15.02 | 500 | W | | | | |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 4,5 | W | 10 | Aquila nipalensis | 3 | 15.03 | 500 | W | | | | |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 3,2 | W | 10 | Falco tinnunculus | 1 | 15.17 | 100 | W | | 00.54 | | 100 m NE 22 NE to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 3,9 | W | 10 | Aquila nipalensis | 1 | 15.28 | 700 | W | | | 04.11 | 500 m N 15 E to W |

| | | | | | | | | | | | | | | | |
|-------------|------------|-------------|----|-----|-----|----|----------------------|----|-------|---------|-----|-------|-------|-------|-----------------------------|
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 3,9 | W | 10 | Buteo rufinus | 1 | 15.32 | 200 | SW | | 00.58 | | 500 m N 15 E to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 14 | 3,9 | W | 10 | Aquila heliaca | 2 | 15.34 | 700 | W | | | 02.08 | 500 m N 15 E to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 13 | 3,7 | W | 10 | Buteo rufinus | 1 | 15.45 | 10 | W | 03.34 | | | 200 m N 347 |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 12 | 3,3 | W | 30 | Falco subbuteo | 1 | 16.19 | 20 | SW | | 00.39 | | 100 m N 350 E to W |
| OHL_VP_4/N | 18.10.2024 | 14.00-17.00 | 11 | 1,9 | W | 30 | Buteo rufinus | 2 | 16.38 | 200 | W | | 02.36 | | E to W |
| OHL_VP_4/N | 19.10.2024 | 08.00-11.00 | 12 | 4,4 | W | 20 | Falco tinnunculus | 1 | 08.58 | 50 | S | | 01.17 | | 50 m W 275 N to S |
| OHL_VP_4/N | 19.10.2024 | 08.00-11.00 | 13 | 4,5 | W | 20 | Buteo rufinus | 1 | 09.20 | 100 | SW | | 01.57 | | 200 m E 111 E to SW |
| OHL_VP_4/N | 19.10.2024 | 08.00-11.00 | 15 | 6,7 | SW | 30 | Aquila nipalensis | 2 | 10.47 | 300 | W | | | 02.43 | 500 m N 350 NE to W |
| OHL_VP_4/N | 20.11.2024 | 09.00-15.00 | 9 | 1,6 | E | 40 | Aquila heliaca | 2 | 13.52 | 200 | W | | 08.37 | | E to W |
| OHL_VP_4/N | 20.11.2024 | 09.00-15.00 | 9 | 1,6 | E | 40 | Aquila sp. | 1 | 13.59 | 20 | W | | | | сидит |
| OHL_VP_4/N | 20.11.2024 | 09.00-15.00 | 9 | 1,6 | E | 40 | Aquila nipalensis | 1 | 14.00 | 100 | W | | 02.23 | | 300 m E 70 E to W |
| OHL_VP_4/N | 20.11.2024 | 09.00-15.00 | 9 | 1,6 | E | 40 | Aquila sp. | 4 | 14.15 | 50-500 | W | | 00.50 | 04.24 | 500 m N 345 E to W |
| OHL_VP_4/N | 20.11.2024 | 09.00-15.00 | 9 | 1,6 | E | 40 | Aquila sp. | 2 | 14.20 | 500 | W | | | 04.34 | 2 km NE 35 |
| OHL_VP_5/NE | 18.10.2024 | 14.15-17.15 | 11 | 4,7 | NEE | 0 | raptor | 1 | 16.04 | 50-100 | SWW | | 0.28 | | 500 m S ↑ N |
| OHL_VP_5/NE | 18.10.2024 | 14.15-17.15 | 10 | 4,1 | NEE | 0 | raptor | 1 | 16.18 | 100-200 | SW | | 1.08 | | 900 m S ↑ N |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 9 | 4,5 | NE | 0 | Pterocles orientalis | 9 | 08.25 | 70-100 | S | | | 0.45 | 500 m ↑ SW |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 9 | 3,9 | NE | 0 | Circus sp. | 1 | 08.43 | 20-50 | SW | | 0.20 | | 500 m ↑ SW |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 9 | 4 | NE | 0 | Haliaeetus albicilla | 2 | 09.03 | 200+ | SWW | | | 4.06 | 2000 m NNE, out of corridor |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 9 | 3,5 | NE | 0 | Haliaeetus albicilla | 1 | 09.05 | 200+ | SWW | | | 4.16 | 2000 m NNE, out of corridor |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 9 | 3,4 | NE | 0 | Tadorna ferruginea | 12 | 09.16 | 50-100 | SWW | | | 0.31 | 500 m NE ↑ SW |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 9 | 3,6 | NE | 0 | Haliaeetus albicilla | 1 | 09.21 | 50-100 | SW | | | 1.49 | 1300 m NEE ↑ SW |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 10 | 3,5 | NE | 0 | Circus sp. | 1 | 09.25 | 20- | SW | 0.15 | | | 400 NE ↑ SW |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 10 | 3,3 | NE | 0 | Haliaeetus albicilla | 1 | 10.16 | 50-100 | SWW | | | 3.41 | 2000 NW out of corridor |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 11 | 3,8 | NE | 0 | raptor | 1 | 11.01 | 100-150 | SW | | | 0.14 | 2000 m N out of corridor |

| | | | | | | | | | | | | | | | |
|-------------|------------|-------------|----|-----|-----|-----|-----------------------------|----|-------|---------|---------------|------|------|-------|------------------------------------|
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 11 | 3.1 | NE | 0 | raptor | 1 | 11.07 | 200+ | SWW | | | 0.23 | 2000 m N out of corridor |
| OHL_VP_5/NE | 19.10.2024 | 08.10-11.10 | 11 | 3 | NE | 0 | Haliaeetus albicilla | 1 | 11.10 | 100-120 | SW | | | 0.34 | 600 m NE ↑ SW |
| OHL_VP_5/SW | 18.10.2024 | 14.15-17.15 | 11 | 4.2 | NEE | 0 | Aquila nipalensis / photo | 1 | 14.58 | 70 | SWW | | | 1.36 | 300 m NE / 40 ↑↑ SW |
| OHL_VP_5/SW | 18.10.2024 | 14.15-17.15 | 11 | 3.3 | NEE | 0 | Aquila chrysaetos / photo | 1 | 16.04 | 200 | SW | | | 2.15 | 1500 m NW / 310 |
| OHL_VP_5/SW | 18.10.2024 | 14.15-17.15 | 11 | 3.0 | NEE | 0 | Aquila nipalensis ? / photo | 1 | 16.18 | 150 | SW | | | 1.08 | 1500 m NW / 310 |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 9 | 2.3 | SEE | 0 | Buteo rufinus | 1 | 8.39 | 80-200 | SW | | | 2.27 | 400 m W / 275 ↑↑ SW |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 9 | 2.3 | SEE | 0 | Circus sp. / photo | 1 | 8.44 | 60→150 | SW | | | 2.49 | 50 m W / 275 ↑↑ SW |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 9 | 2.9 | SEE | 10 | Circaetus gallicus / photo | 2 | 9.13 | 100 | SW | | | 22.18 | 1500 m W / 275 ↑↑ SW |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 9 | 2.5 | SEE | 10 | Tadorna ferruginea / photo | 12 | 9.21 | 150 | | | | 0.34 | 100 m W / 275 L→R h=150m |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 9 | 3.4 | SEE | 10 | Circus sp. / photo | 1 | 9.26 | 5→20 | SW | 3.21 | | | 200 m W / 280 ↑↑ SW |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 9 | 4.0 | SEE | 10 | Circaetus gallicus | 1 | 10.01 | 100 | NE | | | 4.38 | 2000 m W / 280 |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 15 | 2.1 | SEE | 5 | Aquila sp. | 1 | 10.31 | 150 | SW | | | 2.11 | 2000 m S / 128 |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 10 | 3.3 | SEE | 5 | Falco tinnunculus/naumanni | 1 | 10.58 | 50 | Random flight | | 3.12 | | 700 m SWW / 242 hunting |
| OHL_VP_5/SW | 19.10.2024 | 8.10-11.10 | 10 | 3.5 | SEE | 5 | Aquila nipalensis | 1 | 10.09 | 500 | SW | | | 0.56 | 500 m W / 280 |
| OHL_VP_5/SW | 20.11.2024 | 9.50-12.50 | 8 | 1.6 | W | 100 | Buteo rufinus | 1 | 11.05 | 0 | — | | | | 1200 m / 235 |
| OHL_VP_5/SW | 20.11.2024 | 9.50-12.50 | 8 | 1.4 | W | 100 | Falco tinnunculus/naumanni | 1 | 11.12 | 40-50 | RF | | 1.54 | | 400 m / 220 RF |
| OHL_VP_5/SW | 20.11.2024 | 9.50-12.50 | 8 | 1.4 | W | 100 | Ardea alba / photo | 1 | 11.19 | 100 | RF | | | 1.14 | 1800 m / 225 RF |
| OHL_VP_5/SW | 20.11.2024 | 9.50-12.50 | 8 | 1.7 | W | 100 | Falco tinnunculus/naumanni | 1 | 11.30 | 50→40 | RF | | 0.53 | | 500 m / 225 RF R→landed on a pylon |
| OHL_VP_5/SW | 20.11.2024 | 9.50-12.50 | 8 | 0.5 | NWW | 90 | Falco tinnunculus/naumanni | 1 | 12.48 | 2-50 | RF | 5.10 | | | 400 m / 225 RF, R→L h=15m |
| OHL_VP_5/SW | 20.11.2024 | 13.20-16.20 | 8 | 0.5 | SSW | 10 | Aquila sp. | 1 | 15.57 | 50 | SEE | | 1.06 | | 700 m / 245 R→pylon |
| OHL_VP_6/N | 14.11.2024 | 09.20-12.20 | -3 | 2.1 | SW | 80 | Aquila nipalensis | 1 | 09.34 | 20-50 | SW | | 0.24 | | 400 m NW ↑ S |
| OHL_VP_6/N | 14.11.2024 | 09.20-12.20 | -3 | 2.8 | SW | 80 | Aquila nipalensis | 1 | 09.43 | 20-50 | S | | 0.29 | | 300 m N L→R |
| OHL_VP_6/N | 14.11.2024 | 09.20-12.20 | -3 | 2.5 | SW | 80 | Circus sp. | 1 | 09.41 | 50-100 | SW | | 0.48 | | 300 m NNW ↑ S |
| OHL_VP_6/N | 14.11.2024 | 09.20-12.20 | -3 | 2.8 | SW | 80 | Syrhaptes paradoxus | 3 | 10.34 | 20-50 | SW | | 0.24 | | 400 m NNW ↑ S |

| | | | | | | | | | | | | | | | |
|-----------------|----------------|-----------------|----|-----|-----|-----|---------------------------------|---|-------|---------|----------|------|-------|-------|-------------------------------|
| OHL_VP _6/N | 14.11. 2024 | 09.20- 12.20 | -2 | 2.1 | SW | 60 | Circus sp. | 1 | 11.11 | 40 | SWW | 0.05 | | | 40 m NW ↑ S |
| OHL_VP _6/N | 14.11. 2024 | 09.20- 12.20 | -2 | 2.9 | SW | 70 | Circus sp. | 1 | 11.31 | 20- | SWW | 0.42 | | | 60 m N ↑ S |
| OHL_VP _6/N | 14.11. 2024 | 09.20- 12.20 | -2 | 2.8 | SW | 30 | raptor | 1 | 12.22 | 200+ | SSE | | | 1.31 | 2000 m NE ↑ S |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 10 | 3.9 | SW | 100 | Buteo rufinus | 1 | 10.10 | 0 | — | | | | 1500 m / 255 Sitting |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 13 | 2.8 | SW | 90 | Aquila nipalensis / photo | 1 | 11.15 | 150→500 | SW | | 4.36 | 3.33 | 1000 m / 215 |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 13 | 2.8 | SW | 90 | Buteo rufinus | 1 | 11.24 | 150→250 | Circling | | 1.05 | 3.28 | 1000 m / 254 |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 3.0 | SW | 100 | Aquila nipalensis / photo | 2 | 11.37 | 150→500 | SSW | | 0.47 | 6.45 | 1000 m / 214 |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 3.1 | SW | 100 | Buteo rufinus / photo | 1 | 11.57 | 50-150 | NE | | 5.15 | | 1500 m / 250 |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 4.5 | SW | 95 | Aquila nipalensis / photo | 1 | 12.27 | 100-50 | NE | | 6.29 | | 1500 m / 230 |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 5.2 | SW | 90 | Circus sp. / photo | 1 | 12.36 | 500 | SSE | | | 1.45 | Over the VP |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 13 | 4.6 | SSW | 90 | Aquila nipalensis / photo | 1 | 13.21 | 50-200 | SW | | 17.05 | 11.03 | 1000 m / 110 L→R h=50m, RF |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 4.9 | SW | 95 | Buteo rufinus | 1 | 14.19 | 40-50 | SE | | 2.35 | | 300 m / 313 R→L h=40m |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 4.9 | SW | 95 | Aquila sp. / photo | 1 | 14.36 | 50→0 | NWW | 0.06 | 3.10 | | 1000 m / 208 |
| OHL_VP _6/SW | 24.10. 2024 | 9.40- 12.40 | 12 | 5.3 | SW | 95 | Aquila sp. / photo | 1 | 15.16 | 0→30→0 | S | | 1.58 | | 1000 m / 300 |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | | | | | Haliaeetus albicilla / photo | 1 | 9.44 | 50→0 | | | | | 1000 m / 305 |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | -3 | 2.1 | SW | 80 | Aquila nipalensis / photo | 1 | 9.44 | 50→100 | S | | 0.05 | 0.44 | Over the VP R→L h=50m |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | -3 | 2.4 | SW | 85 | Circus sp. ♂ / photo | 1 | 9.47 | 50→100 | SW | | 1.22 | | 300 m / 310 ↑↑ SW |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | -3 | 2.8 | SW | 80 | Pterocles orientalis / photo | 3 | 9.54 | 40 | SW | | 0.48 | | 400 m / 310 ↑↑ SW |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | | | | | Aquila heliaca / photo | 1 | 10.25 | 200 | SW | | | | 1500 m / 290 |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | -2 | 3.0 | SW | 60 | Circus sp. ♂ | 1 | 11.12 | 1-2 | SWW | 0.36 | | | 100 m / 310 ↑↑ SW |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | | | | | Aquila sp. | 1 | 11.15 | 300 | SW | | | | 2500 m / 298 |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | -2 | 2.9 | SW | 80 | Circus sp. ♂ | 1 | 11.31 | 1-2 | SWW | 0.57 | | | 150 m / 310 ↑↑ SW |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | | | | | Haliaeetus albicilla / photo | 1 | 11.37 | 200 | SW | | | | 1500 m / 295 |
| OHL_VP _6/SW | 14.11. 2024 | 9.20- 12.20 | | | | | Aquila sp. | 1 | 12.12 | | SW | | | | 2500 m / 300 |

| | | | | | | | | | | | | | | | |
|-------------|------------|-------------|----|-----|----|-----|---------------------------|---|-------|-------|-----|------|------|------|-------------------|
| OHL_VP_6/SW | 14.11.2024 | 9.20-12.20 | -2 | 3.0 | SW | 20 | Aquila nipalensis / photo | 1 | 12.13 | 150 | SSW | | 3.40 | | 600 m / 142 ↑↑ SW |
| OHL_VP_6/SW | 14.11.2024 | 9.20-12.20 | -2 | 2.8 | SW | 20 | Aquila heliaca / photo | 1 | 12.24 | 250 | SW | | | 1.12 | 100 m / 130 ↑↑ SW |
| OHL_VP_6/SW | 14.11.2024 | 12.50-15.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_7/N | 24.10.2024 | 09.00-12.00 | 9 | 4.2 | SW | 100 | Circus sp. | 1 | 10.21 | 20- | W | 1.34 | | | 1000 m E L→R |
| OHL_VP_7/N | 24.10.2024 | 09.00-12.00 | 10 | 3.1 | SW | 100 | raptor | 1 | 11.18 | 50-70 | SW | | | 2.16 | 1000 m NE L→R |
| OHL_VP_7/N | 14.11.2024 | 08.50-11.50 | -3 | 3 | SW | 70 | Circus sp. | 1 | 09.36 | 3 | SW | 0.44 | | | 400 m NNW ↑ S |
| OHL_VP_7/N | 14.11.2024 | 08.50-11.50 | -3 | 3 | SW | 70 | Aquila nipalensis | 1 | 09.57 | 100 | S | | 3.50 | | 500 m E L→R |
| OHL_VP_7/N | 14.11.2024 | 08.50-11.50 | -3 | 2 | SW | 70 | Haliaeetus albicilla | 1 | 09.59 | 100 | E | | 2.28 | | 500 m E L→R |
| OHL_VP_7/N | 14.11.2024 | 11.50-14.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |

Annex 2.1 Observations with vantage points in December 2024 – February 2025, Project area

| Point № | Date | Time | Temperature | Wind speed, m/s | Wind direction | Cloudiness, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20-200 m),m.s | Band 3 (>200 m),m.s | Note |
|---------|------------|-------------|-------------|-----------------|----------------|---------------|-------------------|------------|----------------|------------------|------------------|--------------------|-----------------------|---------------------|----------------------------|
| M04 | 20.12.2024 | 09.40-10.40 | -5 | 1,5 | S | 100 | Buteo lagopus | 1 | 09.44 | Sitting | Sitting | — | — | — | 3000 m/ 14 |
| M04 | 19.01.2025 | 09.10-10.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M04 | 11.02.2025 | 10.58-11.58 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M05 | 20.12.2024 | 10.00-11.00 | 1 | 5,4 | SWW | 100 | Aquila chrysaetos | 1 | 10.21 | 50 | S | — | — | — | 2300 m/ 145, out of Radius |
| M05 | 20.12.2024 | 10.00-11.00 | 0 | 7,6 | SWW | 100 | Aquila chrysaetos | 3 | 10.29 | 50-150 | Circling | — | — | — | 4000 m/ 152, out of Radius |
| M05 | 20.12.2024 | 10.00-11.00 | 0 | 7,5 | SWW | 100 | Aquila chrysaetos | 1 | 10.37 | 50-150 | Circling | — | — | — | 5000 m/ 152, out of Radius |
| M05 | 20.12.2024 | 10.00-11.00 | 0 | 7,2 | SWW | 90 | Aquila chrysaetos | 1 | 10.46 | 50 | Circling | — | — | — | 4000 m/ 152, out of Radius |
| M05 | 20.12.2024 | 10.00-11.00 | 0 | 6,3 | SWW | 80 | Aquila chrysaetos | 1 | 10.49 | 50-100 | Circling | — | — | — | 3000 m/ 162, out of Radius |
| M05 | 19.01.2025 | 09.25-10.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M05 | 11.02.2025 | 11.10-12.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M06 | 20.12.2024 | 11.25-12.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M06 | 19.01.2025 | 10.50-11.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | |
|-----|----------------|-----------------|----|-----|-----|-----|-------------------------|---|-------|---------|-----------------|------|------|------|------------------------------|
| M06 | 11.02.2 025 | 13.20- 14.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M07 | 19.01.2 025 | 13.45- 14.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M07 | 11.02.2 025 | 16.12- 17.12 | -4 | 2,8 | NEE | 0 | Buteo lagopus | 1 | 17.05 | 40 | NW | — | — | — | 1000 m/ 38, out of Radius |
| M08 | 20.12.2 024 | 13.10- 14.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M08 | 19.01.2 025 | 12.25- 13.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M08 | 11.02.2 025 | 14.52- 15.52 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M09 | 20.12.2 024 | 13.58- 14.58 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M09 | 19.01.2 025 | 14.20- 15.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M09 | 11.02.2 025 | 16.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M11 | 20.12.2 024 | 12.10- 13.10 | -1 | 6,8 | W | 95 | Buteo sp. | 1 | 12.12 | 50 | NE | | 0.55 | | 500 m/ 118 |
| M11 | 20.12.2 024 | 12.10- 13.10 | -3 | 6,9 | W | 95 | Aquila chrysaetos | 1 | 12.24 | 200-300 | NEE | | | 0.31 | 2000 m/ 16 |
| M11 | 20.12.2 024 | 12.10- 13.10 | -3 | 6,7 | W | 95 | Aquila chrysaetos | 1 | 12.27 | 150-10 | NEE | 0.13 | 0.37 | | 1700 m/ 45 |
| M11 | 20.12.2 024 | 12.10- 13.10 | -3 | 5,6 | W | 100 | Haliaeetus albicilla | 1 | 12.38 | 50-100 | SSW | | 1.04 | | 1500m/ 81 |
| M11 | 20.12.2 024 | 12.10- 13.10 | -4 | 5 | W | 100 | Aquila chrysaetos | 1 | 13.00 | 30 | Circling | | 0.40 | | 2000 m/ 88 |
| M11 | 20.12.2 024 | 12.10- 13.10 | -4 | 5,4 | W | 100 | Aquila chrysaetos | 1 | 13.03 | 50 | NW | | 5.18 | | 1500 m/ 60 |
| M11 | 19.01.2 025 | 11.20- 12.20 | 2 | 1,9 | NEE | 100 | Raptor | 1 | 11.21 | 30-60 | SW | | 0.30 | | 2000 m/ 91 |
| M11 | 19.01.2 025 | 11.20- 12.20 | 2 | 2,1 | NEE | 100 | Falco tinnunculus | 1 | 11.23 | 40 | SWW | | 0.14 | | On VP |
| M11 | 11.02.2 025 | 13.35- 14.35 | -3 | 5,5 | SW | 20 | Buteo sp. | 1 | 13.50 | 100-150 | Circling, NE | | 4.16 | | 2000 m/ 30 |
| M11 | 11.02.2 025 | 13.35- 14.35 | -3 | 5,5 | SW | 20 | Aquila sp. | 1 | 13.55 | 100-150 | Circling, NW | — | — | — | 2000 m/ 81, out of Radius |
| M12 | 21.12.2 024 | 14.20- 15.20 | 5 | 2.5 | SW | 100 | Haliaeetus albicilla | 1 | 14.25 | 300-400 | SW | | | 2.25 | on VP |
| M12 | 21.12.2 024 | 14.20- 15.20 | 5 | 2.5 | SW | 100 | Haliaeetus albicilla | 1 | 14.30 | 50 | SW | | 2.30 | | 400 m/ 98 |
| M12 | 20.01.2 025 | 14.30- 15.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M12 | 12.02.2 025 | 14.05- 15.05 | -3 | 4,1 | W | 100 | Aquila chrysaetos | 1 | 14.05 | 50-30 | S | | 2.00 | | 800 m/ 225 |
| M13 | 19.01.2 025 | 12.42- 13.42 | — | — | — | — | — | — | — | — | — | — | — | — | — |

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| M13 | 11.02.2 025 | 14.55- 15.55 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 21.12.2 024 | 15.05- 16.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 20.01.2 025 | 15.40- 16.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 12.02.2 025 | 14.15- 15.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 21.12.2 024 | 13.05- 14.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 21.12.2 024 | 13.05- 14.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 20.01.2 025 | 13.10- 14.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 12.02.2 025 | 12.45- 13.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M17 | 21.12.2 024 | 13.40- 14.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M17 | 20.01.2 025 | 14.20- 15.20 | 2 | 3,2 | S | 80 | Buteo lagopus | 1 | 14.25 | 70-20 | SW | | 2.48 | | 800 m/ 130 |
| M17 | 20.01.2 025 | 14.20- 15.20 | 2 | 1,1 | S | 90 | Circus sp. | 1 | 15.09 | 15-20 | E | 2.12 | | | 500 m/ 0 |
| M17 | 20.01.2 025 | 14.20- 15.20 | 2 | 0,8 | S | 90 | Circus sp. | 1 | 15.14 | 5-15 | Circling, NNE | 3.43 | | | 500 m/ 0 |
| M17 | 12.02.2 025 | 12.45- 13.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M19 | 21.12.2 024 | 11.40- 12.40 | 4 | — | — | 50 | Aquila sp. | 1 | 11.50 | 100-150 | N | — | — | — | 1000 m/ 85, out of Radius |
| M19 | 20.01.2 025 | 11.40- 12.40 | 5 | 1.5 | E | 80 | Buteo sp. | 1 | 11.51 | 100-150 | NE | — | — | — | 4000 m/ 91, out of Radius |
| M19 | 20.01.2 025 | 11.40- 12.40 | 5 | 3.2 | E | 80 | Circus sp. | 1 | 12.12 | 2-10 | NEE | — | — | — | 3000 m/ 44, out of Radius |
| M19 | 12.02.2 025 | 11.16- 12.16 | -4 | 3,7 | SW | 95 | Aquila chrysaetos | 1 | 11.16 | 30-80 | NW | | 3.17 | | 500 m/ 109 |
| M19 | 12.02.2 025 | 11.16- 12.16 | -4 | 2,6 | SW | 75 | Haliaeetus albicilla | 1 | 11.42 | 50-70 | NNW | | 3.02 | | 1500 m/ 167 |
| M22 | 21.12.2 024 | 10.20- 11.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M22 | 20.01.2 025 | 10.20- 11.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M22 | 12.02.2 025 | 10.06- 11.06 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M24 | 21.12.2 024 | 11.50- 12.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M24 | 20.01.2 025 | 12.50- 13.50 | 3 | 2,7 | S | 95 | Circus sp. | 1 | 13.44 | 10-15 | NWW | 0.15 | | | 1000 m/ 195 |
| M24 | 12.02.2 025 | 11.20- 12.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |

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| M26 | 21.12.2 024 | 10.10- 11.10 | -3 | 1 | NNW | 30 | Buteo lagopus | 1 | 10.19 | 50-100 | SWW | 0.15 | 2.59 | | 400 m/ 105 |
| M26 | 21.12.2 024 | 10.10- 11.10 | -3 | 1,4 | NNW | 30 | Buteo lagopus | 1 | 10.21 | Sitting | Sitting | — | — | — | 1000 m/ 229 |
| M26 | 21.12.2 024 | 10.10- 11.10 | -4 | 1,5 | NNW | 15 | Buteo lagopus | 1 | 10.45 | 100-150 | SW | — | — | — | 4000 m/ 130, out of Radius |
| M26 | 20.01.2 025 | 11.30- 12.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M26 | 12.02.2 025 | 9.55- 10.55 | -4 | 2,4 | NE | 100 | Raptor | 1 | 10.49 | 100 | Circling, E | | 2.14 | | 1000 m/ 200 |

Annex 2.2 Observations with vantage points in December 2024 – February 2025, Power lines

| Point № | Date | Time | Temperature | Wind speed, m/s | Wind direction | Cloudiness, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20-50 m),m.s | Band 3 (>50 m),m.s | Note |
|-------------|----------------|-----------------|-------------|-----------------|----------------|---------------|-------------------------|------------|----------------|------------------|----------------------|--------------------|----------------------|--------------------|-------------------------------|
| OHL_VP_2/N | 22.12.2 024 | 09.30- 10.30 | -8 | 2,2 | SW | 90 | Aquila chrysaetos | 1 | 09.32 | 50 | SW | | 1.25 | | 1000 m/ 290 |
| OHL_VP_2/N | 21.01.2 025 | 09.35- 10.35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_2/N | 13.02.2 025 | 08.55- 09.55 | -3 | — | — | 0 | Aquila sp. | 2 | 09.12 | 50 | — | — | — | — | 1700 m/ 358, sitting on pole |
| OHL_VP_2/S | 22.12.2 024 | 09.30- 10.30 | -8 | 2,2 | SW | 90 | Haliaeetus albicilla | 1 | 09.32 | 40 | SSW | | 1.53 | | On VP, L→R |
| OHL_VP_2/S | 21.01.2 025 | 09.35- 10.35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_2/S | 13.02.2 025 | 08.55- 09.55 | -3 | 2,5 | NE | 0 | Aquila chrysaetos | 1 | 09.52 | 30 | Random flight | | | 0.40 | 1700 m/ 24 |
| OHL_VP_2/S | 13.02.2 025 | 08.55- 09.55 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_3/N | 22.12.2 024 | 09.45- 10.45 | -12 | 1,2 | SW | 50 | Haliaeetus albicilla | 1 | 09.47 | 300 | W | — | — | — | 2000 m/ 311, out of Radius |
| OHL_VP_3/N | 22.12.2 024 | 09.45- 10.45 | -12 | 1,2 | SW | 50 | Falco cherrug | 1 | 10.00 | 70 | Sitting, NE | | 1.12 | | 500 m/ 175 |
| OHL_VP_3/N | 21.01.2 025 | 09.50- 10.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_3/N | 13.02.2 025 | 09.05- 10.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_4/N | 22.12.2 024 | 11.20- 12.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_4/N | 21.01.2 025 | 11.30- 12.30 | 4 | 2,4 | S | 90 | Haliaeetus albicilla | 1 | 11.42 | 100 | Random flight, SW | — | — | — | 2000 m/ 272, out of Radius |
| OHL_VP_4/N | 13.02.2 025 | 10.45- 11.45 | 7 | 1,2 | N | 10 | Haliaeetus albicilla | 1 | 11.05 | 200 | SE | | | 1.05 | 300 m/ 5, RF |
| OHL_VP_5/NE | 22.12.2 024 | 12.00- 13.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_5/NE | 21.01.2 | 11.55- | — | — | — | — | — | — | — | — | — | — | — | — | — |

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|-------------|------------|-------------|----|-----|---|----|----------------------|---|-------|---------|-------------------|---|------|------|----------------------------|
| 5/NE | 025 | 12.55 | | | | | | | | | | | | | |
| OHL_VP_5/NE | 13.02.2025 | 11.22-12.22 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_5/SW | 22.12.2024 | 12.00-13.00 | -8 | — | — | 40 | Haliaeetus albicilla | 1 | 12.16 | 20-40 | SSE | | 0.33 | | 300 m/ 204 |
| OHL_VP_5/SW | 22.12.2024 | 12.00-13.00 | -8 | — | — | 40 | Falco tinnunculus | 1 | 12.10 | Sitting | — | — | — | — | 400 m/ 152, out of Radius |
| OHL_VP_5/SW | 22.12.2024 | 12.00-13.00 | -8 | — | — | 40 | Aquila sp. | 1 | 12.23 | 20-50 | NW | | 0.11 | | 1500 m/ 202 |
| OHL_VP_5/SW | 22.12.2024 | 12.00-13.00 | -8 | — | — | 40 | Aquila sp. | 1 | 12.38 | >50 | SE | — | — | — | 2000 m/ 202, out of Radius |
| OHL_VP_5/SW | 22.12.2024 | 12.00-13.00 | -8 | — | — | 40 | Aquila sp. | 1 | 12.41 | 100-150 | Random flight, SE | — | — | — | 3000 m/ 194, out of Radius |
| OHL_VP_5/SW | 22.12.2024 | 12.00-13.00 | -7 | — | — | 40 | Falco tinnunculus | 1 | 12.58 | 30 | Random flight | | 0.10 | | 1000 m/ 200 |
| OHL_VP_5/SW | 21.01.2025 | 11.55-12.55 | 9 | — | — | 20 | Aquila heliaca | 1 | 12.03 | 50-150 | Random flight | — | — | — | 1500 m/ 265, out of Radius |
| OHL_VP_5/SW | 21.01.2025 | 11.55-12.55 | 9 | — | — | 20 | Aquila heliaca | 1 | 12.05 | 50-150 | Random flight | — | — | — | 1500 m/ 265, out of Radius |
| OHL_VP_5/SW | 21.01.2025 | 11.55-12.55 | 9 | 1,2 | E | 20 | Aquila sp. | 1 | 12.49 | 50 | Random flight | — | — | — | 1800 m/ 245, out of Radius |
| OHL_VP_5/SW | 21.01.2025 | 11.55-12.55 | 9 | 1,2 | E | 20 | Aquila sp. | 1 | 12.50 | 50 | Random flight | — | — | — | 1500 m/ 230, out of Radius |
| OHL_VP_5/SW | 13.02.2025 | 11.22-12.22 | 2 | — | — | 5 | raptor | 1 | 11.55 | 50-300 | SE | | | 1.45 | 1500 m/253, R→L |

Annex 2.3 Observations with vantage points in December 2024 – February 2025, En-route observation

| Species | Date | Time | Count | Coordinates |
|----------------------------|------------|-------|-------|---------------------|
| Ovis ammon | 20.12.2024 | 12.54 | 10 | N44.57893 E73.37457 |
| Ovis ammon | 20.12.2024 | 08.51 | 7 | N44.61836 E73.39842 |
| Raptor (bird) | 20.12.2024 | 09.32 | 1 | N44.51087 E73.52670 |
| Vulpes vulpes | 20.12.2024 | 09.34 | 1 | N44.53324 E73.48825 |
| Melanocorypha yeltoniensis | 20.12.2024 | 09.51 | 50-70 | N44.55807 E73.45516 |
| Ovis ammon | 20.12.2024 | 11.13 | 14 | N44.65541 E73.41589 |
| Parus major | 20.12.2024 | 11.30 | 14 | N44.83845 E73.24554 |
| Falco tinnunculus | 20.12.2024 | 11.39 | 1 | N44.83732 E73.24741 |
| Vulpes vulpes | 20.12.2024 | 11.43 | 1 | N44.77467 E73.24222 |
| Aquila chrysaetos | 20.12.2024 | 11.54 | 1 | N44.42302 E73.71679 |
| Ovis ammon | 20.12.2024 | 13.34 | 10 | N44.55761 E73.47197 |

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| Ovis ammon | 20.12.2024 | 13.41 | 4 | N44.60008 E73.42328 |
| Aquila sp. | 20.12.2024 | 15.37 | 1 | N44.65572 E73.76991 |
| Asio flammeus | 20.12.2024 | 15.41 | 1 | N44.55546 E73.57477 |
| Vulpes vulpes | 20.12.2024 | 15.49 | 1 | N44.55546 E73.57477 |
| Alectoris chukar | 20.12.2024 | 15.55 | 60-70 | N44.52535 E73.53224 |
| Alectoris chukar | 20.12.2024 | 15.56 | 31 | N44.52049 E73.52969 |
| Haliaeetus albicilla | 20.12.2024 | 16.03 | 1 | N44.55255 E73.46377 |
| Raptor (bird) | 20.12.2024 | 16.06 | 1 | N44.57978 E73.42335 |
| Ovis ammon | 20.12.2024 | 08.51 | 10 | N44.57201 E73.43146 |
| Raptor (bird) | 20.12.2024 | 08.51 | 1 | N44.60383 E73.40333 |
| Gazella subgutturosa | 20.12.2024 | 09.25 | 2 | N44.62355 E73.44575 |
| Gazella subgutturosa | 20.12.2024 | 09.35 | 4 | N44.64299 E73.47688 |
| Falco tinnunculus | 20.12.2024 | 11.08 | 1 | N44.68381 E73.48937 |
| Ovis ammon | 20.12.2024 | 12.37 | 3 | N44.68962 E73.49004 |
| Gazella subgutturosa | 20.12.2024 | 13.02 | 1 | N44.70492 E73.49448 |
| Athene noctua | 20.12.2024 | 15.27 | 1 | N44.72274 E73.49939 |
| Alectoris chukar | 20.12.2024 | 15.37 | 23 | N44.72458 E73.49951 |
| Parus major | 20.12.2024 | 15.55 | 6 | N44.67447 E73.48892 |
| Circus sp. | 20.12.2024 | 15.55 | 1 | N44.76219 E73.54128 |
| Buteo sp. | 20.12.2024 | 16.07 | 1 | N44.83976 E73.35010 |
| Falco tinnunculus | 20.12.2024 | 16.21 | 1 | N44.83819 E73.27278 |
| Falco tinnunculus | 20.12.2024 | 16.31 | 1 | N44.76748 E73.22964 |
| Falco tinnunculus | 21.12.2024 | 09.09 | 1 | N44.83378 E73.25253 |
| Aquila sp. | 21.12.2024 | 09.19 | 1 | N44.83408 E73.25235 |
| Parus major | 21.12.2024 | 13.10 | 7 | N44.83420 E73.25235 |
| Buteo lagopus | 21.12.2024 | 12.55 | 1 | N44.76632 E73.24098 |
| Pica pica | 21.12.2024 | 12.57 | 1 | N44.76632 E73.24098 |
| Buteo lagopus | 21.12.2024 | 12.58 | 1 | N44.52168 E73.72086 |
| Aquila chrysaetos | 21.12.2024 | 13.14 | 2 | N44.37885 E73.71420 |
| Buteo lagopus | 21.12.2024 | 13.14 | 1 | N44.00763 E73.54940 |
| Aquila nipalensis | 21.12.2024 | 08.55 | 1 | N44.65832, E73.77400 |

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| Eremophila alpestris | 21.12.2024 | 09.02 | 9 | N44.65832, E73.77400 |
| Buteo lagopus | 21.12.2024 | 09.02 | 1 | N44.56305, E73.58887 |
| Asio flammeus | 21.12.2024 | 12.55 | 1 | N44.55541, E73.57566 |
| Alectoris chukar | 21.12.2024 | 12.55 | 19 | N44.53982, E73.47958 |
| Alectoris chukar | 21.12.2024 | 15.44 | 28 | N44.56114, E73.45686 |
| Coturnix coturnix | 21.12.2024 | 16.10 | 1 | N44.61225, E73.41654 |
| Parus major | 22.12.2024 | 09.07 | 7 | N44.67085, E73.49362 |
| Falco tinnunculus | 22.12.2024 | 10.44 | 1 | N44.68320, E73.48928 |
| Alectoris chukar | 22.12.2024 | 11.51 | 18 | N44.72231, E73.49938 |
| Athene noctua | 22.12.2024 | 09.01 | 1 | N44.72231, E73.49938 |
| Circus cyaneus | 22.12.2024 | 09.04 | 1 | N44.76198, E73.54114 |
| Athene noctua | 22.12.2024 | 09.23 | 1 | N44.70158, E73.66665 |
| Athene noctua | 22.12.2024 | 11.01 | 1 | N44.67597, E73.77233 |
| Aquila sp. | 19.01.2025 | 11.25 | 1 | N44.80734, E73.44322 |
| Alauda leucoptera | 19.01.2025 | 10.39 | 8 | N44.82934, E73.40167 |
| Eremophila alpestris | 19.01.2025 | 10.48 | 11 | N44.82934, E73.40167 |
| Alauda leucoptera | 19.01.2025 | 10.55 | 20 | N44.71879, E73.39427 |
| Melanocorypha yeltoniensis | 19.01.2025 | 14.03 | 44 | N44.71879, E73.39427 |
| Athene noctua | 19.01.2025 | 11.04 | 1 | N44.72428, E73.49953 |
| Athene noctua | 19.01.2025 | 12.27 | 1 | N44.70158, E73.66665 |
| Buteo lagopus | 19.01.2025 | 08.23 | 1 | N44.53591, E73.75363 |
| Buteo lagopus | 19.01.2025 | 10.20 | 1 | N44.52247, E73.72297 |
| Alectoris chukar | 19.01.2025 | 15.50 | 48 | N44.43016, E73.71503 |
| Alauda leucoptera | 20.01.2025 | 10.41 | 15 | N44.26065, E73.73172 |
| Melanocorypha yeltoniensis | 20.01.2025 | 10.44 | 12 | N44.66282, E73.81631 |
| Alectoris chukar | 20.01.2025 | 12.37 | 43 | N44.52252, E73.52977 |
| Melanocorypha yeltoniensis | 20.01.2025 | 16.18 | 33 | N44.66191, E73.81978 |
| Melanocorypha yeltoniensis | 20.01.2025 | 17.00 | 31 | N44.73726, E73.47218 |
| Buteo rufinus | 21.01.2025 | 09.30 | 1 | N44.66290, E73.84860 |
| Alauda leucoptera | 11.02.2025 | 10.44 | 12 | 44.59037, 73.66131 |
| Alectoris chukar | 11.02.2025 | 12.32 | 38 | 44.52003, 73.52981 |

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| Haliaeetus albicilla | 11.02.2025 | 12.32 | 1 | 44.52003, 73.52981 |
| Asio flammeus | 11.02.2025 | 13.04 | 1 | 44.52349, 73.50244 |
| Asio flammeus | 11.02.2025 | 16.10 | 1 | 44.65483, 73.39272 |
| Asio flammeus | 11.02.2025 | 16.15 | 1 | 44.65654, 73.42159 |
| Athene noctua | 12.02.2025 | 08.32 | 1 | 44.66730, 73.78251 |
| Melanocorypha yeltonisensis | 12.02.2025 | 09.06 | 8 | 44.83979, 73.35163 |
| Melanocorypha yeltonisensis | 12.02.2025 | 09.10 | 11 | 44.83885, 73.30979 |
| Melanocorypha yeltonisensis | 12.02.2025 | 10.47 | 18 | 44.844, 73.291 |
| Alauda leucoptera | 12.02.2025 | 15.48 | 9 | 44.73800, 73.48668 |
| Falco tinnunculus | 12.02.2025 | 16.16 | 1 | 44.67423, 73.77432 |
| Melanocorypha yeltonisensis | 13.02.2025 | 08.15 | 4 | 44.55194, 73.82681 |
| Melanocorypha yeltonisensis | 13.02.2025 | 08.18 | 5 | 44.55280, 73.79134 |
| Haliaeetus albicilla | 13.02.2025 | 11.33 | 1 | 44.14360, 73.71034 |
| Haliaeetus albicilla | 11.02.2025 | 12.38 | 1 | 44.53010, 73.57663 |
| Asio flammeus | 11.02.2025 | 13.02 | 1 | 44.52269, 73.50452 |
| Alectoris chukar | 11.02.2025 | 14.40 | 40 | 44.60720, 73.38293 |
| Asio flammeus | 11.02.2025 | 16.00 | 1 | 44.62338, 73.44244 |
| Vulpes vulpes | 11.02.2025 | 17.52 | 1 | 44.74024, E73.50109 |
| Asio flammeus | 11.02.2025 | 17.58 | 1 | 44.76073, 73.54614 |
| Buteo lagopus | 12.02.2025 | 08.40 | 1 | 44.70962, 73.65370 |
| Raptor (bird) | 12.02.2025 | 09.06 | 2 | 44.83981, 73.35144 |
| Buteo lagopus | 12.02.2025 | 09.54 | 1 | 44.82292, 73.25041 |
| Vulpes vulpes | 12.02.2025 | 10.03 | 1 | 44.79869, 73.24523 |
| Aquila chrysaetos | 12.02.2025 | 11.17 | 1 | 44.76324, 73.29570 |
| Buteo lagopus | 13.02.2025 | 08.18 | 3 | 44.55297, 73.80227 |
| Felis lybica | 13.02.2025 | 08.45 | 1 | 44.44864, 73.71570 |
| Alectoris chukar | 13.02.2025 | 08.50 | 4 | 44.43157, 73.71424 |

Annex 3.1 Observations with vantage points in March 2025 – May 2025, Project area

| Point № | Date | Time | Temperature | Wind speed, m/s | Wind direction | Cloudiness, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20-200 m),m.s | Band 3 (>200 m),m.s | Note |
|---------|------|------|-------------|-----------------|----------------|---------------|---------|------------|----------------|------------------|------------------|--------------------|-----------------------|---------------------|------|
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| M01 | 05.05.2025 | 08.42-11.42 | 20 | 3 | S | 5 | Milvus migrans | 5 | 08.47 | 21 | NE | | 7.00 | | 1500 m / 200 |
| M01 | 05.05.2025 | 08.42-11.42 | 20 | 3 | S | 5 | Circus sp. | 1 | 08.57 | | | | | | 1500 m / 200 |
| M01 | 09.05.2025 | 15.00-18.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M01 | 12.04.2025 | 08.40-11.40 | 24 | 0.4 | N | 0 | Tetrax tetrax | 1 | 09.26 | Sitting | — | — | — | — | 500 m/ 235 |
| M01 | 12.04.2025 | 08.40-11.40 | 24 | 0.4 | N | 0 | Grus virgo | 41 | 09.50 | 200-500 | NEE | | | 1.10 | Over the VP |
| M01 | 12.04.2025 | 08.40-11.40 | 22 | 2.5 | N | 0 | Buteo rufinus | 1 | 09.50 | 15 | E | 0.22 | | | Over the VP |
| M01 | 12.04.2025 | 08.40-11.40 | 22 | 1.5 | N | 0 | Milvus migrans | 1 | 10.02 | 200 | E | | 0.27 | | 500 m/ 182 |
| M01 | 17.04.2025 | 12.50-15.50 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M01 | 17.04.2025 | 13.10-16.10 | 21 | 5.3 | N | 40 | Buteo rufinus | 1 | 14.10 | 200-300 | NE | | | 2.40 | Over the VP |
| M02 | 05.05.2025 | 08.50-11.50 | 25 | 3.2 | NW | 20 | Milvus migrans | 1 | 8.50 | 30 | SE | | 0.25 | | on the point |
| M02 | 05.05.2025 | 08.50-11.50 | 28 | 1.7 | NW | 20 | Falco tinnunculus | 2 | 13.40 | 30 | SEE | | 0.25 | | 100 m / 330 |
| M02 | 09.05.2025 | 15.15-18.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M02 | 12.04.2025 | 9.10-12.10 | 23 | 1.7 | NE | 0 | Grus virgo | 47 | 9.24 | 150 | NEE | | 0.43 | | 1500m / 125° |
| M02 | 12.04.2025 | 9.10-12.10 | 23 | 0 | — | 0 | Milvus migrans | 6 | 9.38 | 100 | NE | | 4.33 | 4.20 | Over the VP |
| M02 | 12.04.2025 | 9.10-12.10 | 23 | 0 | — | 0 | Buteo hemilasius | 1 | 9.40 | 150 | NE | | 4.33 | 4.20 | Over the VP |
| M02 | 12.04.2025 | 9.10-12.10 | 23 | 0 | — | 0 | Buteo rufinus | 1 | 9.42 | 150 | E | | 2.05 | | Over the VP |
| M02 | 12.04.2025 | 9.10-12.10 | 23 | 0 | — | 0 | Pterocles orientalis | 2 | 9.46 | 50 | SWW | | 0.38 | | 600m / 350° |
| M02 | 12.04.2025 | 9.10-12.10 | 24 | 0 | — | 0 | Falco tinnunculus/naumanni | 1 | 10.00 | 20 | NE | | 2.48 | | 50m / 333° |
| M02 | 12.04.2025 | 9.10-12.10 | 24 | 0 | — | 0 | Falco tinnunculus/naumanni | 2 | 10.17 | 30 | NE | | 2.58 | | 150m / 42° |
| M02 | 12.04.2025 | 9.10-12.10 | 25 | 1.5 | N | 0 | Falco tinnunculus/naumanni | 1 | 11.19 | 100 | E | | 6.14 | | 1000m / 330° |
| M02 | 17.04.2025 | 13.15-16.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M03 | 05.05.2025 | 09.10-12.10 | 25 | 2 | NE | 10 | Falco tinnunculus | 1 | 10.06 | 3 | W | 0.43 | | | 100 m/ 90 |
| M03 | 05.05.2025 | 09.10-12.10 | 26 | 2 | NE | 10 | Buteo rufinus | 1 | 10.06 | 50 | W | | 1.25 | 0.55 | 400 m/ 70 |

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|-----|----------------|-----------------|------|-----|----|-----|----------------------|---|-------|----------|-------------|------|-------|------|--------------------|
| M03 | 09.05.2 025 | 14.50- 17.50 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M03 | 12.04.2 025 | 08.55- 11.55 | 23 | 2.3 | N | 10 | Milvus migrans | 2 | 09.38 | 5 | N | 2.13 | 4.48 | | 200 m/ 90 |
| M03 | 12.04.2 025 | 08.55- 11.55 | 23 | 2.3 | N | 10 | Falco tinnunculus | 1 | 09.46 | 50 | Circling | | 2.37 | | on the VP |
| M03 | 12.04.2 025 | 08.55- 11.55 | 26 | 0 | N | 10 | Circus aeruginosus | 1 | 10.27 | 100 | N | | 1.44 | | on the VP |
| M03 | 12.04.2 025 | 08.55- 11.55 | 26 | 0 | N | 10 | Milvus migrans | 1 | 10.27 | 100 | N | | 0.40 | | on the VP |
| M03 | 12.04.2 025 | 08.55- 11.55 | 27 | | N | 10 | Falco tinnunculus | 1 | 11.23 | 50 | Hunting | | 3.54 | | 100 m/ 320 |
| M03 | 12.04.2 025 | 08.55- 11.55 | 28 | 2.9 | N | 10 | Grus virgo | 1 | 11.45 | 300 | S | | 0.30 | | on the VP |
| M03 | 17.04.2 025 | 12.30- 15.30 | 20 | 3 | NE | 90 | Raptor | 1 | 13.41 | 50-100 | Circling | | 5.32 | | on the VP |
| M03 | 17.04.2 025 | 12.30- 15.30 | 20 | 3 | NE | 90 | Raptor | 2 | 13.43 | 300 | Circling | | | 5.32 | on the VP |
| M03 | 17.04.2 025 | 12.30- 15.30 | 21 | 1 | NE | 90 | Buteo rufinus | 1 | 15.26 | 20 | Circling | 0.10 | 5.18 | | 500 m/ 44 |
| M04 | 05.05.2 025 | 09.10- 12.10 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M04 | 09.05.2 025 | 15.00- 18.00 | 27.6 | 4.7 | NE | 50 | Pterocles orientalis | 2 | 15.10 | 100 | E | | 14.26 | | 150 m / 90 |
| M04 | 16.04.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M04 | 17.04.2 025 | 09.20- 12.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M05 | 05.05.2 025 | 09.00- 12.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M05 | 09.05.2 025 | 14.45- 17.45 | 25 | 3 | S | 100 | Buteo rufinus | 1 | 16.37 | 50 | N | | 1.00 | | on the point |
| M05 | 09.05.2 025 | 14.45- 17.45 | 25 | 3 | S | 100 | Falco tinnunculus | 1 | 16.43 | 50 | Circling | | 0.57 | | 300 m / 300 |
| M05 | 16.04.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M05 | 17.04.2 025 | 09.00- 12.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M06 | 08.05.2 025 | 15.10- 18.10 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M06 | 09.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M06 | 15.04.2 025 | 13.00- 16.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M06 | 16.04.2 025 | 08.50- 11.50 | 14 | 2.4 | SW | 60 | Pterocles orientalis | 3 | 08.51 | 10-20 | SW | 0.30 | | | 1800m/ 125 |
| M06 | 16.04.2 025 | 08.50- 11.50 | 14 | 1,8 | SW | 70 | Aquila chrysaetos | 1 | 09.00 | 100-500+ | Circling, N | | 2.18 | 4.46 | 1500m/ 123 |

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|-----|----------------|-----------------|----|-----|-----|----|-----------------------------------|----|-------|---------|-----------------|-------|------|-------|--------------------|
| M06 | 16.04.2 025 | 08.50- 11.50 | 14 | 1,7 | SW | 70 | Aquila chrysaetos | 1 | 09.11 | 200-500 | Circling, NE | | | 4.08 | Over the VP |
| M06 | 16.04.2 025 | 08.50- 11.50 | 14 | 1,9 | SW | 70 | Pterocles orientalis | 2 | 09.31 | 20-30 | NE | | 0.24 | | 100m/ 115 |
| M06 | 16.04.2 025 | 08.50- 11.50 | 14 | 2,4 | SW | 70 | Aquila chrysaetos | 1 | 09.50 | 300-500 | NEE | | | 2.41 | Over the VP |
| M06 | 16.04.2 025 | 08.50- 11.50 | 15 | 1.1 | SW | 80 | Falco tinnunculus/nauma nni | 1 | 10.47 | 30-60 | NNW | | 0.32 | | Over the VP |
| M07 | 08.05.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M07 | 09.05.2 025 | 06.30- 09.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M07 | 15.04.2 025 | 14.00- 17.00 | 22 | 2 | SW | 40 | Buteo sp. | 1 | 15.57 | 200 | NE | | 4.26 | | 1500 m/ 240 |
| M07 | 15.04.2 025 | 14.00- 17.00 | 22 | 2 | SW | 40 | Pterocles orientalis | 6 | 16.05 | — | — | — | — | — | out of radius |
| M07 | 15.04.2 025 | 14.00- 17.00 | 22 | 2 | SW | 40 | Tetrax tetrax | 2 | 16.05 | — | — | — | — | — | out of radius |
| M07 | 16.04.2 025 | 07.30- 10.30 | 11 | 3,7 | NW | 10 | Grus virgo | 10 | 08.11 | 500 | S | | | 6.47 | 1000 m/ 280 |
| M07 | 16.04.2 025 | 07.30- 10.30 | 11 | 3 | NW | 30 | Pterocles orientalis | 1 | 08.45 | 5 | NW | 0.30 | | | 200 m/ 80 |
| M07 | 16.04.2 025 | 07.30- 10.30 | 11 | 3 | NW | 30 | Pterocles orientalis | 7 | 09.06 | 20 | NW | 0.36 | | | Over the VP |
| M07 | 16.04.2 025 | 07.30- 10.30 | 11 | 2 | NW | 50 | Circaetus gallicus | 7 | 10.08 | 60 | NE | | 1.15 | | Over the VP |
| M08 | 07.05.2 025 | 15.00- 18.00 | 32 | 7.2 | E | 10 | raptor | 1 | 17.32 | 600 | W | | | 15.13 | 1500 m/ 195 |
| M08 | 07.05.2 025 | 15.00- 18.00 | 33 | 6.4 | E | 10 | Falco tinnunculus | 1 | 17.37 | 20 | E | | 2.42 | | 50 m/ 32 |
| M08 | 08.05.2 025 | 07.00- 10.00 | 26 | 5.5 | NE | 5 | Falco tinnunculus | 1 | 08.46 | 50 | NE | 12.34 | | | 100 m/ 42 |
| M08 | 08.05.2 025 | 07.00- 10.00 | 26 | 5.8 | NE | 5 | Falco tinnunculus | 2 | 09.58 | 500 | W | | | 12.01 | 1000 m/ 245 |
| M08 | 15.04.2 025 | 8.30- 11.30 | 21 | 0.5 | SWW | 20 | Pterocles orientalis | 4 | 8.40 | 40 | W | | 1.07 | | 600m / 145° |
| M08 | 15.04.2 025 | 8.30- 11.30 | 21 | 0.5 | SWW | 20 | Falco tinnunculus/nauma nni | 1 | 8.42 | 20 | Hunting | | 0.15 | | 800m / 226° |
| M08 | 15.04.2 025 | 8.30- 11.30 | 21 | 0.9 | SWW | 40 | Aquila sp. | 1 | 9.22 | 100 | SEE | | 0.30 | | 1500m / 180° |
| M08 | 15.04.2 025 | 8.30- 11.30 | 20 | 1.4 | NWW | 10 | Buteo sp. | 1 | 9.39 | 300 | SE | | | 1.51 | 1500m / 170° |
| M08 | 15.04.2 025 | 8.30- 11.30 | 21 | 1.5 | NWW | 10 | Pterocles orientalis | 8 | 9.49 | 80 | E | | 0.43 | | 1000m / 228° |
| M08 | 15.04.2 025 | 8.30- 11.30 | 21 | 0.5 | NWW | 5 | Buteo buteo | 10 | 10.16 | 200→500 | NEE | | 0.25 | 4.33 | 1500m / 294° |

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|-----|----------------|-----------------|----|-----|-----|----|-----------------------------------|---|-------|---------|----------|------|-------|------|--------------------|
| M08 | 15.04.2 025 | 8.30- 11.30 | 21 | 0.5 | NWW | 5 | Buteo rufinus | 1 | 10.25 | 100 | E | | 1.39 | | 1000m / 300° |
| M08 | 18.04.2 025 | 10.50- 13.50 | | 3.0 | N | 10 | Falco tinnunculus/nauma nni | 1 | 10.51 | 5→150 | Hunting | 1.12 | 2.05 | | 150m / 40° |
| M09 | 08.05.2 025 | 15.45- 18.45 | 30 | 1 | W | 70 | Buteo rufinus | 1 | 16.02 | 150 | NE | | 01.19 | 8.43 | 50m / 55 |
| M09 | 09.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M09 | 16.04.2 025 | 08.30- 11.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M09 | 15.04.2 025 | 14.30- 17.30 | 24 | 4 | W | 40 | Buteo rufinus | 1 | 15.05 | 100 | NE | | 1.15 | | Over the VP |
| M09 | 15.04.2 025 | 14.30- 17.30 | 21 | 6 | W | 40 | Buteo rufinus | 1 | 15.45 | 15 | W | 0.45 | | | Over the VP |
| M09 | 15.04.2 025 | 14.30- 17.30 | 21 | 6 | W | 40 | Falco tinnunculus | 1 | 16.00 | 10 | E | 1.00 | | | Over the VP |
| M10 | 08.05.2 025 | 15.00- 18.00 | 25 | 0.5 | W | 30 | Pterocles orientalis | 1 | 15.00 | 2 | W | 0.30 | | | 600 m/ 90 |
| M10 | 08.05.2 025 | 15.00- 18.00 | 27 | 0.3 | W | 30 | Pterocles orientalis | 3 | 15.49 | 3 | SW | 1.00 | | | 650 m/ 70 |
| M10 | 08.05.2 025 | 15.00- 18.00 | 27 | 0.3 | W | 35 | Falco sp. | 1 | 16.11 | 500-100 | NW | | 0.13 | | 1200 m/ 300 |
| M10 | 09.05.2 025 | 06.45- 09.45 | 10 | 6.2 | W | 35 | Tetrax tetrax | 1 | 06.39 | 2 | W | 0.30 | | | 900 m/ 85 |
| M10 | 09.05.2 025 | 06.45- 09.45 | 15 | 8.5 | W | 35 | Buteo rufinus | 1 | 08.35 | 40-50 | N | | 0.30 | | 900 m/ 330 |
| M10 | 15.04.2 025 | 14.20- 17.20 | 22 | 3.1 | W | 30 | Falco tinnunculus | 1 | 16.10 | 20 | W | 0.25 | | | 50 m/ 270 |
| M10 | 16.04.2 025 | 08.20- 11.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M11 | 07.05.2 025 | 14.30- 17.30 | 20 | 5 | NE | 70 | Pernis sp. | 1 | 15.28 | 100 | W | | 10.00 | | 1700 m/ 310 |
| M11 | 07.05.2 025 | 14.30- 17.30 | 20 | 5.5 | NE | 75 | Milvus migrans | 5 | 17.04 | 90 | N | | 10.00 | | 1000 m/ 300 |
| M11 | 08.05.2 025 | 07.00- 10.00 | 14 | 9 | NE | 75 | Pernis sp. | 2 | 08.23 | 80 | NW | | 10.00 | | 1000 m/ 330 |
| M11 | 14.04.2 025 | 14.00- 17.00 | 24 | 1.5 | SW | 20 | Caprimulgus europaeus | 1 | 15.07 | — | — | — | — | — | Voice |
| M11 | 14.04.2 025 | 14.00- 17.00 | 25 | 2 | SW | 20 | Falco sp. | 1 | 15.38 | 50 | Circling | | 04.25 | | 1500 m/ 350 |
| M11 | 15.04.2 025 | 07.10- 10.10 | 21 | 2 | SW | 50 | Circus sp. | 1 | 09.05 | 50 | N | | 04.04 | | Over the VP |
| M12 | 07.05.2 025 | 15.00- 18.00 | 23 | 5.6 | E | 25 | Buteo rufinus | 1 | 15.46 | 60 | N | | 2.24 | | 800 m/ 180 |
| M12 | 08.05.2 025 | 07.00- 10.00 | 28 | 4.5 | NEE | 5 | Pernis ptilorhynchus | 1 | 09.10 | 20-50 | E | | 0.36 | | 500 m/ 225 |
| M12 | 14.04.2 025 | 13.30- 16.30 | 26 | 2.2 | N | 0 | Pterocles orientalis | 2 | 15.26 | 15 | NE | 0.20 | | | 100 m/ 5 |

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|-----|----------------|-----------------|----|-----|-----|----|--------------------------|----|-------|---------|----------|------|------|------|--------------------|
| M12 | 14.04.2 025 | 13.30- 16.30 | 26 | 2.2 | N | 0 | Accipiter nisus | 1 | 15.30 | 40 | NE | | 0.30 | | 150 m/ 47 |
| M12 | 15.04.2 025 | 08.10- 11.10 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M13 | 07.05.2 025 | 15.00- 18.00 | 32 | 6 | NE | 70 | Milvus migrans | 5 | 15.38 | 500 | SE | | | 5.00 | 2000 m/ 150 |
| M13 | 07.05.2 025 | 15.00- 18.00 | 32 | 6 | NE | 70 | Accipiter nisus | 1 | 15.39 | 20 | Circling | 0.30 | | | on the point |
| M13 | 07.05.2 025 | 15.00- 18.00 | 33 | 6 | NE | 70 | Pernis sp. | 1 | 15.40 | 50 | Circling | | 0.30 | | on the point |
| M13 | 07.05.2 025 | 15.00- 18.00 | 33 | 5 | NE | 70 | Accipiter nisus | 1 | 16.00 | 20 | NE | 2.00 | | | on the point |
| M13 | 07.05.2 025 | 15.00- 18.00 | 33 | 5 | NE | 70 | Falco tinnunculus | 2 | 16.05 | 50 | SW | | 0.53 | | 500 m/ 80 |
| M13 | 07.05.2 025 | 15.00- 18.00 | 31 | 6 | NE | 70 | Aquila nipalensis | 1 | 16.44 | 200 | NE | | 1.13 | | 1000 m/ 200 |
| M13 | 07.05.2 025 | 15.00- 18.00 | 31 | 6 | NE | 70 | Accipiter nisus | 2 | 16.46 | 50 | W | | 0.38 | | 300 m/ 200 |
| M13 | 08.05.2 025 | 07.15- 10.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M13 | 14.04.2 025 | 14.00- 17.00 | 21 | 6 | W | 40 | Buteo rufinus | 1 | 14.40 | 200 | N | | | 2.30 | on the VP |
| M13 | 14.04.2 025 | 14.00- 17.00 | 22 | 5 | W | 40 | Tetrax tetrax | 2 | 15.10 | 5 | W | 0.30 | | | on the VP |
| M13 | 15.04.2 025 | 08.20- 11.20 | 18 | 1.8 | SWW | 40 | Buteo rufinus | 1 | 10.15 | 200 | E | | | 1.45 | on the VP |
| M14 | 07.05.2 025 | 06.45- 09.45 | 21 | 6.2 | NEE | 10 | Gelochelidon nilotica | 20 | 07.45 | 10 | E | 0.36 | | | 800 m / 45 |
| M14 | 07.05.2 025 | 06.45- 09.45 | 21 | 6.8 | NEE | 10 | Tetrax tetrax | 1 | 08.13 | 20 | NE | 0.25 | | | 300 m / 15 |
| M14 | 07.05.2 025 | 06.45- 09.45 | 21 | 6.4 | NEE | 10 | Pterocles orientalis | 4 | 08.15 | 20 | NW | 0.15 | | | 200 m / 50 |
| M14 | 07.05.2 025 | 06.45- 09.45 | 21 | 6.4 | NEE | 10 | Gelochelidon nilotica | 5 | 08.30 | 5 | NE | 0.22 | | | 200 m / 5 |
| M14 | 07.05.2 025 | 06.45- 09.45 | 24 | 4.2 | NEE | 10 | Falco tinnunculus | 1 | 09.20 | 5 | NEE | 1.12 | | | 50 m / 315 |
| M14 | 06.05.2 025 | 14.40- 17.40 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M14 | 13.04.2 025 | 14.00- 17.00 | 21 | 2 | W | 85 | Pterocles orientalis | 4 | 16.16 | 20-40 | SEE | | 0.41 | | 600 m / 190 |
| M14 | 14.04.2 025 | 08.00- 11.00 | 16 | 4.5 | W | 90 | Falco sp. | 1 | 08.28 | 40-10 | NNE | 0.16 | 0.41 | | 100 m / 130 |
| M14 | 14.04.2 025 | 08.00- 11.00 | 17 | 3.9 | W | 70 | Buteo rufinus | 1 | 09.09 | 70-100 | NNE | | 1.14 | | 1800 m / 129 |
| M14 | 14.04.2 025 | 08.00- 11.00 | 20 | 2.8 | W | 30 | Aquila sp. | 1 | 10.32 | 200-300 | NEE | | | 2.44 | 1000 m / 193 |
| M14 | 14.04.2 025 | 08.00- 11.00 | 20 | 2.9 | W | 30 | raptor | 4 | 10.39 | 500 | NE | | | 3.01 | 1200 m / 194 |

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| M15 | 13.04.2 025 | 14.00- 17.00 | 27 | 1.7 | SE | 85 | Tetrax tetrax | 1 | 14.30 | 50 | SE | | 0.22 | | 800 m/ 325 |
| M15 | 13.04.2 025 | 14.00- 17.00 | 27 | 1.6 | SE | 85 | Falco tinnunculus | 1 | 14.43 | 150 | NNW | | 6.10 | | 1000 m/ 320 |
| M15 | 13.04.2 025 | 14.00- 17.00 | 23 | 0.6 | SE | 100 | Pterocles orientalis | 1 | 16.31 | 50 | SW | | 0.15 | | 500 m/ 350 |
| M15 | 13.04.2 025 | 14.00- 17.00 | 22 | — | — | 100 | Pterocles orientalis | 2 | 16.50 | 50 | NE | | 0.25 | | 500 m/ 10 |
| M15 | 14.04.2 025 | 09.00- 12.00 | 16 | 4.2 | SW | 30 | Raptor | 1 | 09.20 | 350 | NE | | | 2.20 | 2000 m/ 10 |
| M15 | 14.04.2 025 | 09.00- 12.00 | 16 | 3.7 | SW | 20 | Falco tinnunculus | 1 | 09.32 | 300 | E | | 4.15 | 1.32 | 500 m/ 350 |
| M15 | 14.04.2 025 | 09.00- 12.00 | 16 | 4.2 | SW | 10 | Tetrax tetrax | 2 | 10.08 | 100 | E | | 1.08 | | 300 m/ 25 |
| M15 | 14.04.2 025 | 09.00- 12.00 | 17 | 3.2 | SW | 5 | Circus aeruginosus | 1 | 11.01 | 5 | SW | 0.56 | | | 100 m/ 320 |
| M15 | 06.05.2 025 | 14.43- 17.43 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M15 | 07.05.2 025 | 07.10- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M16 | 06.05.2 025 | 15.00- 18.00 | 29.5 | 5.5 | SW | 10 | Tetrax tetrax | 2 | 15.10 | 5 | S | 3.02 | | | 150 m / 220 |
| M16 | 07.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M16 | 13.04.2 025 | 13.30- 16.30 | — | — | — | — | Corvus ruficollis | 1 | 14.25 | 100 | — | — | — | — | — |
| M16 | 13.04.2 025 | 13.30- 16.30 | 25 | 1.5 | S | 90 | Aquila sp. | 1 | 15.09 | 200 | N | | | 2.11 | 500 m / 300 |
| M16 | 13.04.2 025 | 13.30- 16.30 | 25 | 1.5 | S | 90 | Pterocles orientalis | 2 | 15.18 | 10 | E | 0.51 | | | 300 m / 160 |
| M16 | 13.04.2 025 | 13.30- 16.30 | 25 | 1.5 | S | 90 | Coturnix coturnix | 1 | 15.19 | — | — | — | — | — | voice |
| M16 | 13.04.2 025 | 13.30- 16.30 | 22 | 2 | S | 100 | Corvus ruficollis | 3 | 16.21 | 100 | SE | — | — | — | on the VP |
| M16 | 14.04.2 025 | 08.00- 11.00 | 14 | 4 | W | 60 | Buteo rufinus | 1 | 08.08 | 5 | SW | 1.34 | | | 300 m / 160 |
| M16 | 14.04.2 025 | 08.00- 11.00 | 14 | 3.8 | W | 60 | Coturnix coturnix | 1 | 08.09 | — | — | — | — | — | voice |
| M16 | 14.04.2 025 | 08.00- 11.00 | 13 | 4 | W | 80 | Pterocles orientalis | 1 | 08.17 | 30 | SW | | 0.30 | | on the point |
| M16 | 14.04.2 025 | 08.00- 11.00 | 12 | 4.3 | W | 90 | Buteo sp. | 1 | 08.27 | 150 | NE | | 2.44 | | 500 m / 220 |
| M16 | 14.04.2 025 | 08.00- 11.00 | 13 | 5.5 | SW | 50 | Pterocles orientalis | 1 | 09.04 | 20 | NE | 0.30 | | | on the point |
| M16 | 14.04.2 025 | 08.00- 11.00 | 15 | 3.5 | W | 20 | Buteo sp. | 1 | 10.11 | 100 | S | | 6.08 | | 500 m 130 |
| M16 | 14.04.2 025 | 08.00- 11.00 | 15 | 4.1 | W | 10 | Aquila nipalensis | 1 | 10.19 | 200 | NE | | 3.30 | | on the point |

| | | | | | | | | | | | | | | | |
|-----|----------------|-----------------|----|-----|----|----|----------------------|---|-------|---------|-----|------|------|------|--------------------|
| M16 | 14.04.2 025 | 08.00- 11.00 | 15 | 4.1 | W | 10 | Milvus migrans | 2 | 10.19 | 200 | NE | | 3.30 | | on the point |
| M16 | 14.04.2 025 | 08.00- 11.00 | 15 | 4.1 | W | 10 | Accipiter nisus | 2 | 10.19 | 200 | NE | | 3.30 | | on the point |
| M16 | 14.04.2 025 | 08.00- 11.00 | 15 | 3 | W | 10 | Buteo buteo | 1 | 10.56 | 150 | E | | 2.40 | | on the point |
| M17 | 13.04.2 025 | 14.00- 17.00 | 26 | 1.3 | SE | 30 | Buteo rufinus | 1 | 14.30 | >200 | NE | | | 1.50 | on the VP |
| M17 | 14.04.2 025 | 08.30- 11.30 | 16 | 4.3 | W | 60 | Aquila chrysaetos | 1 | 10.03 | >200 | W | | | 2.30 | on the VP |
| M17 | 06.05.2 025 | 15.10- 18.10 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M17 | 07.05.2 025 | 07.15- 10.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M19 | 06.05.2 025 | 06.45- 09.45 | 15 | 12 | NE | 5 | Milvus migrans | 1 | 09.32 | 20 | N | | 1.15 | | 800 m / 265 |
| M19 | 05.05.2 025 | 16.00- 19.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M19 | 12.04.2 025 | 15.35- 18.35 | 24 | 1.9 | E | 25 | Aquila chrysaetos | 2 | 15.39 | 50-150 | SE | | 1.56 | | 1500 m / 203 |
| M19 | 12.04.2 025 | 15.35- 18.35 | 24 | 1.1 | E | 25 | Circus sp. | 1 | 15.51 | 10-15 | NNW | 0.34 | | | 800 m / 225 |
| M19 | 12.04.2 025 | 15.35- 18.35 | 23 | 2.4 | E | 15 | Aquila chrysaetos | 1 | 16.48 | 150-200 | NW | | 1.02 | 1.51 | 1800 m / 207 |
| M19 | 12.04.2 025 | 15.35- 18.35 | 23 | 1.4 | E | 10 | Falco tinnunculus | 1 | 16.59 | 5-15 | NEE | 0.28 | | | 500 m / 258 |
| M19 | 12.04.2 025 | 15.35- 18.35 | 21 | 0.9 | E | 10 | Falco tinnunculus | 1 | 17.29 | 30-40 | E | | 0.18 | | 400 m / 221 |
| M19 | 12.04.2 025 | 15.35- 18.35 | 19 | — | — | 30 | Pterocles orientalis | 2 | 18.15 | 20-40 | SWW | | | | 300 m / 301 |
| M19 | 13.04.2 025 | 08.10- 11.10 | 16 | — | — | 30 | Falco sp. | 1 | 08.13 | 20-40 | NEE | | 0.24 | | 500 m / 212 |
| M19 | 13.04.2 025 | 08.10- 11.10 | 17 | 1.2 | SE | 50 | Pterocles orientalis | 3 | 08.52 | 10-20 | NW | 0.31 | | | 300 m / 235 |
| M19 | 13.04.2 025 | 08.10- 11.10 | 18 | 1.1 | SE | 50 | Aquila chrysaetos | 2 | 09.09 | 50-150 | SWW | | 2.14 | | 1800 m / 201 |
| M19 | 13.04.2 025 | 08.10- 11.10 | 18 | 1.1 | SE | 50 | Falco sp. | 1 | 09.12 | 40-80 | W | | 1.18 | | 1000 m / 230 |
| M19 | 13.04.2 025 | 08.10- 11.10 | 18 | 1.5 | SE | 50 | Pterocles orientalis | 2 | 09.14 | 5-20 | NW | 0.19 | | | 1000 m / 223 |
| M20 | 05.05.2 025 | 15.40- 18.40 | 26 | 4.2 | NE | 50 | Raptor | 1 | 17.43 | 5 | NW | 1.12 | | | 1500 m / 290 |
| M20 | 05.05.2 025 | 15.40- 18.40 | 26 | 2.7 | NE | 50 | Pterocles orientalis | 2 | 18.10 | 20 | SW | | 0.25 | | 500 m / 220 |
| M20 | 06.05.2 025 | 08.47- 10.13 | 22 | 4.7 | SW | 10 | Falco tinnunculus | 2 | 09.05 | 10 | E | | 3.10 | | 150 m / 345 |
| M20 | 06.05.2 025 | 08.47- 10.13 | 25 | 4.5 | SW | 10 | Aquila chrysaetos | 1 | 10.12 | 25 | N | 4.13 | | | 200 m / 200 |

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|-----|----------------|-----------------|----|-----|-----|----|-----------------------------|---|-------|-----|--------|------|------|------|--------------------|
| M20 | 10.03.2 025 | 11.34- 17.34 | 6 | 4.2 | NE | 0 | <i>Haliaeetus albicilla</i> | 1 | 13.24 | 500 | NE | | | 4.03 | 1500 m/ 220 |
| M20 | 10.03.2 025 | 11.34- 17.34 | 6 | 4 | NE | 10 | <i>Buteo rufinus</i> | 1 | 16.24 | 50 | NE | | 2.04 | | 500 m/ 210 |
| M20 | 10.03.2 025 | 11.34- 17.34 | 5 | 3.1 | NE | 10 | <i>Circus sp.</i> | 1 | 16.46 | 5 | S | 1.22 | | | 500 m/ 260 |
| M20 | 12.04.2 025 | 16.00- 19.00 | 25 | 3.1 | NE | 0 | <i>Pterocles orientalis</i> | 2 | 16.45 | 100 | NEE | | 0.32 | | 200 m/ 180 |
| M20 | 12.04.2 025 | 16.00- 19.00 | 25 | 1.7 | NE | 0 | <i>Pterocles orientalis</i> | 2 | 17.13 | 150 | NE | | 0.28 | | 500 m/ 300 |
| M20 | 12.04.2 025 | 16.00- 19.00 | 25 | 2.4 | NE | 0 | <i>Falco tinnunculus</i> | 1 | 17.17 | 15 | NE | 0.40 | | | 50 m/ 310 |
| M20 | 12.04.2 025 | 16.00- 19.00 | 25 | 1.7 | NE | 5 | <i>Pterocles orientalis</i> | 2 | 17.22 | 50 | NE | | 0.56 | | 50 m/ 195 |
| M20 | 13.04.2 025 | 08.30- 11.30 | 17 | 1.3 | SEE | 30 | <i>Pterocles orientalis</i> | 1 | 08.33 | 100 | E | | 0.20 | | 100 m/ 185 |
| M20 | 13.04.2 025 | 08.30- 11.30 | 23 | 0.8 | SEE | 30 | <i>Pterocles orientalis</i> | 1 | 08.50 | 70 | SE | | 0.32 | | on the VP |
| M20 | 13.04.2 025 | 08.30- 11.30 | 23 | 1 | SEE | 20 | <i>Pterocles orientalis</i> | 7 | 09.30 | 150 | NW | | 0.55 | | 500 m/ 200 |
| M20 | 13.04.2 025 | 08.30- 11.30 | 25 | 2 | SEE | 30 | <i>Falco tinnunculus</i> | 1 | 09.55 | 150 | NW | | 4.22 | | 1600 m/ 275 |
| M20 | 13.04.2 025 | 08.30- 11.30 | 26 | 2.7 | SEE | 70 | <i>Pterocles orientalis</i> | 3 | 10.29 | 100 | SE | | 0.30 | | 300 m/ 300 |
| M20 | 13.04.2 025 | 08.30- 11.30 | 26 | 3 | SEE | 70 | <i>Pterocles orientalis</i> | 2 | 11.10 | 100 | SE | | 0.22 | | 300 m/ 290 |
| M21 | 05.05.2 025 | 16.00- 19.00 | 25 | 4 | N | 40 | <i>Pterocles orientalis</i> | 2 | 17.31 | 30 | S | | 0.20 | | on the point |
| M21 | 06.05.2 025 | 07.15- 10.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M21 | 12.04.2 025 | 15.30- 18.30 | 24 | 4 | NE | 10 | <i>Falco naumanni</i> | 2 | 16.22 | 100 | E | | 1.59 | | 1000 m / 350 |
| M21 | 12.04.2 025 | 15.30- 18.30 | 24 | 4 | NE | 10 | <i>Falco naumanni</i> | 1 | 16.28 | 15 | E | 0.38 | | | on the point |
| M21 | 12.04.2 025 | 15.30- 18.30 | 24 | 1 | NE | 10 | <i>Falco naumanni</i> | 6 | 16.46 | 100 | circle | | 4.08 | | 1000 m / 350 |
| M21 | 12.04.2 025 | 15.30- 18.30 | 24 | 1 | NE | 10 | <i>Alectoris chukar</i> | 2 | 17.49 | — | — | — | — | — | voice |
| M21 | 12.04.2 025 | 15.30- 18.30 | 23 | 1 | NE | 10 | <i>Pterocles orientalis</i> | 1 | 18.15 | — | — | — | — | — | voice |
| M21 | 13.04.2 025 | 06.30- 09.30 | 13 | 1 | NE | 10 | <i>Pterocles orientalis</i> | 1 | 07.04 | — | — | — | — | — | voice |
| M21 | 13.04.2 025 | 06.30- 09.30 | 14 | 1 | NE | 10 | <i>Apus apus</i> | 1 | 07.12 | — | — | — | — | — | voice |
| M21 | 13.04.2 025 | 06.30- 09.30 | 16 | 2 | E | 20 | <i>Falco naumanni</i> | 1 | 07.48 | 100 | circle | | 2.19 | | 1000 m / 350 |
| M21 | 13.04.2 025 | 06.30- 09.30 | 16 | 0.5 | E | 20 | <i>Falco sp.</i> | 1 | 09.06 | 50 | NE | | 0.54 | | 300 m / 355 |

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|-----|----------------|-----------------|----|-----|----|----|---------------------------------|----|-------|----------|---------|------|------|------|--------------------|
| M22 | 13.04.2 025 | 15.00- 18.00 | 18 | 1,6 | N | 0 | Accipiter nisus | 1 | 17.10 | 100 | N | | 0.15 | | 100 m/ 10 |
| M22 | 14.04.2 025 | 08.02- 11.02 | 19 | 3,4 | N | 0 | Buteo rufinus | 1 | 10.36 | 100 | NW | | 4.00 | | 100 m/ 5 |
| M22 | 14.04.2 025 | 08.02- 11.02 | 19 | 3,4 | N | 0 | Pterocles orientalis | 4 | 10.40 | 10 | SE | 0.20 | | | 100 m/ 137 |
| M22 | 05.05.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M22 | 06.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M24 | 05.05.2 025 | 16.00- 19.00 | 25 | 4.4 | NE | 10 | Pterocles orientalis | 1 | 16.43 | 40 | NW | 0.40 | | | 600 m / 150 |
| M24 | 06.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M24 | 10.03.2 025 | 11.40- 17.40 | 2 | 1.6 | E | 0 | Aquila chrysaetos/ photo | 1 | 11.49 | 100-150 | NNW | | 3.15 | | 700 m/ 288 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 2 | 0.5 | E | 0 | Aquila chrysaetos | 1 | 12.01 | 150->200 | NW | | 4.18 | 1.01 | 1500m/ 217 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 3 | 0.7 | E | 0 | Aquila chrysaetos/ photo | 1 | 12.20 | 150-200 | NNW | | 3.57 | | 300 m/ 227 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 5 | 2.4 | E | 0 | Aquila chrysaetos/ photo | 1 | 14.00 | >200 | SWW | | | 1,57 | 1500 m/ 220 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 5 | 1.8 | E | 0 | Haliaeetus albicilla / photo | 1 | 14.04 | 80-100 | N | | 2.28 | | 2000 m/ 227 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 5 | 1.8 | E | 0 | Buteo rufinus/ photo | 1 | 14.04 | 80-100 | NNE | | 0.47 | | 2000 m/ 227 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 5 | 1.3 | E | 0 | Larus sp. | 26 | 14.34 | 20-40 | NNE | | 0.34 | | 2000 m/ 223 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 5 | 0.8 | E | 0 | Asio flammeus | 1 | 15.16 | <20 | SSW | 1.41 | | | 1000 m/ 280 |
| M24 | 10.03.2 025 | 11.40- 17.40 | 4 | 1.2 | E | 15 | Circus sp. | 1 | 15.25 | <20 | N | 0.44 | | | 1000 m/ 275 |
| M24 | 10.03.2 025 | 11.40- 14.40 | 2 | 0 | — | 0 | Pterocles orientalis | 1 | 12.07 | 30 | NWW | | 0.26 | | 800m / 325° |
| M24 | 10.03.2 025 | 11.40- 14.40 | 2 | 0 | — | 0 | Aquila sp. | 3 | 12.07 | 200-300 | Soaring | | | 0.50 | 2000m / 155° |
| M24 | 10.03.2 025 | 11.40- 14.40 | 2 | 0 | — | 0 | Buteo rufinus | 1 | 12.57 | 40 | N | | 2.24 | | 1000m / 242° |
| M24 | 10.03.2 025 | 14.40- 17.40 | 3 | 1.6 | NE | 5 | Circus macrourus | 1 | 15.02 | 3 | NNE | 1.03 | | | 700m / 305° |
| M24 | 10.03.2 025 | A | 3 | 1.2 | E | 5 | Anatidae | 14 | 15.34 | 50 | SW | | 2.15 | | Over the VP |
| M24 | 10.03.2 025 | 14.40- 17.40 | 3 | 0.8 | E | 5 | Aquila heliaca | 1 | 16.32 | 0 | — | | | | 1500m / 135° |
| M24 | 10.03.2 025 | 14.40- 17.40 | 3 | 0.8 | E | 5 | Aquila heliaca | 1 | 16.38 | 0→10 | NE | 0.10 | | | 1500m / 135° |
| M24 | 10.03.2 025 | 14.40- 17.40 | 3 | 0 | — | 5 | Haliaeetus albicilla | 1 | 16.41 | 50 | NE | | 0.38 | | 800m / 235° |

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|-----|----------------|-----------------|----|-----|-----|----|-----------------------------------|----|-------|---------|----------|------|------|------|---------------------|
| M24 | 12.04.2 025 | 16.25- 19.25 | 19 | 2 | N | 10 | Grus virgo | 2 | 16.50 | 200 | N | | | 1.58 | on the VP |
| M24 | 13.04.2 025 | 08.20- 11.20 | 21 | 1.1 | E | 30 | Buteo rufinus | 2 | 09.15 | 200 | NWW | | | 1.40 | on the VP |
| M26 | 10.03.2 025 | 11.10- 17.10 | 4 | 2.2 | SW | 20 | Haliaeetus albicilla | 1 | 11.32 | 50 | NE | | 5.24 | | 1000 m/ 55 |
| M26 | 10.03.2 025 | 11.10- 17.10 | 3 | 2.5 | NW | 20 | Anas acuta | 30 | 12.03 | 50 | W | | 0.20 | | on the VP |
| M26 | 10.03.2 025 | 11.10- 17.10 | 3 | 2.5 | W | 20 | Buteo sp (black) | 1 | 12.10 | 100 | Circling | | 3.47 | | 500 m/ 85 |
| M26 | 10.03.2 025 | 11.10- 17.10 | 3 | 2 | W | 30 | Pterocles orientalis | 1 | 12.13 | 50 | SE | — | — | — | on the VP, voice |
| M26 | 10.03.2 025 | 11.10- 17.10 | 3 | 2 | W | 30 | Aquila sp. | 1 | 15.09 | 500 | NE | | | 1.18 | 500 m/ 50 |
| M26 | 10.03.2 025 | 11.10- 17.10 | 3 | 2 | W | 30 | Larus cachinnans | 5 | 16.05 | 30 | E | | 0.30 | | 500 m/ 300 |
| M26 | 10.03.2 025 | 11.10- 17.10 | 3 | 2 | W | 30 | Larus cachinnans | 30 | 16.20 | 50 | NE | | 0.30 | | 500 m/ 300 |
| M26 | 05.05.2 025 | 16.00- 19.00 | 25 | 4 | NE | 30 | Falco tinnunculus | 1 | 17.45 | 2 | N | 0.25 | | | on the point |
| M26 | 06.05.2 025 | 07.20- 10.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M26 | 12.04.2 025 | 9.10- 12.10 | 24 | 1.4 | E | 10 | Circus aeruginosus ♀ | 1 | 16.45 | 5 | NEE | 0.51 | | | 800m / 180° |
| M26 | 12.04.2 025 | 9.10- 12.10 | 24 | 1.3 | E | 10 | Falco tinnunculus/nauma nni | 1 | 17.12 | 10 | NEE | 1.39 | | | 700m / 130° |
| M26 | 12.04.2 025 | 9.10- 12.10 | 24 | 1.3 | E | 10 | Tetrax tetrax | 1 | 17.40 | Sitting | — | — | — | — | 1000m / 200° |
| M26 | 12.04.2 025 | 9.10- 12.10 | 17 | 0 | — | 10 | Falco tinnunculus/nauma nni | 1 | 18.31 | 20 | NE | 0.20 | | | 800m / 203° |
| M26 | 13.04.2 025 | 8.45- 11.45 | 24 | 0.7 | SEE | 20 | Falco tinnunculus/nauma nni | 1 | 8.47 | 10 | NNE | | 2.33 | | 300m / 231° |
| M26 | 13.04.2 025 | 8.45- 11.45 | 24 | 0.7 | SEE | 20 | Milvus migrans | 1 | 8.49 | 40 | NW | | 1.26 | | 150m / 320° |
| M32 | 08.05.2 025 | 15.00- 18.00 | 33 | 2.7 | W | 10 | Pterocles orientalis | 4 | 16.26 | 10-15 | NE | | 0.33 | | 80 m/ 42 |
| M32 | 09.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| M32 | 15.04.2 025 | 12.40- 15.40 | 24 | 2.7 | SW | 25 | Tetrax tetrax | 1 | 12.40 | 0-10 | SW | 0.20 | | | on the VP |
| M32 | 15.04.2 025 | 12.40- 15.40 | 23 | 4.1 | SW | 30 | Aquila chrysaetos | 1 | 15.19 | 20-30 | SW | | 0.22 | | 200 m/ 135 |
| M32 | 16.04.2 025 | 08.40- 11.40 | 12 | 4 | NW | 30 | Pterocles orientalis | 2 | 08.42 | 20-30 | NE | | 0.19 | | 200 m/ 130 |
| M32 | 16.04.2 025 | 08.40- 11.40 | 12 | 2.7 | NW | 40 | Aquila chrysaetos | 1 | 08.57 | 50-100 | NE | | 0.22 | | 400 m/ 70 |

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|-----|----------------|-----------------|----|-----|----|----|-----------------------------------|---|-------|-------|----|------|------|------|--------------------|
| M32 | 16.04.2 025 | 08.40- 11.40 | 12 | 2.7 | NW | 40 | Aquila chrysaetos | 1 | 09.03 | 300 | NE | | | 1.07 | 500 m/ 220 |
| M32 | 16.04.2 025 | 08.40- 11.40 | 12 | 3.8 | NW | 40 | Aquila chrysaetos | 1 | 09.15 | 300 | NE | | | 0.49 | on the VP |
| M32 | 16.04.2 025 | 08.40- 11.40 | 13 | 3.5 | NW | 40 | Aquila chrysaetos | 1 | 09.52 | 150 | NE | | 0.36 | | on the VP |
| M32 | 16.04.2 025 | 08.40- 11.40 | 13 | 3.7 | NW | 40 | Pterocles orientalis | 2 | 10.16 | 20-30 | E | | 0.14 | | 200 m/ 132 |
| M32 | 16.04.2 025 | 08.40- 11.40 | 14 | 2 | NW | 50 | Raptor | 1 | 10.36 | 500 | NW | | | 2.11 | 2000 m/ 240 |
| P02 | 05.05.2 025 | 09.20- 12.20 | 25 | | | | Pterocles orientalis | 2 | 9.51 | 5 | W | | | | on the point |
| P02 | 05.05.2 025 | 09.20- 12.20 | 25 | 3 | W | 20 | Buteo rufinus | 1 | 11.05 | 30 | S | | 3.35 | | on the point |
| P02 | 09.05.2 025 | 14.30- 17.30 | 25 | 4.2 | SW | 30 | Buteo rufinus | 1 | 14.30 | 80 | S | | 1.11 | | 500 m / 210 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 25 | 4 | SW | 30 | Pterocles orientalis | 4 | 14.41 | 10 | S | 0.20 | | | 150 m / 180 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 25 | 4.3 | SW | 30 | Pterocles orientalis | 3 | 14.50 | 10 | NE | 0.25 | | | 15 m / 180 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 25 | 4 | SW | 35 | Pterocles orientalis | 2 | 15.05 | 10 | NE | 0.25 | | | 40 m / 240 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 25 | 5.1 | SW | 50 | Pterocles orientalis | 2 | 16.00 | 3 | NE | 0.05 | | | 60 m / 230 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 15 | 5.5 | SW | 95 | Aquila sp. | 1 | 16.20 | 60 | SE | | 2.14 | | 250 m / 120 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 15 | 6 | SW | 95 | Aquila nipalensis | 1 | 16.20 | 90 | SE | | 2.34 | | 250 m / 110 |
| P02 | 09.05.2 025 | 14.30- 17.30 | 15 | 4.9 | SW | 95 | Tadorna ferruginea | 3 | 17.00 | 20 | SE | 0.41 | | | 1700 m / 130 |
| P02 | 13.04.2 025 | 08.20- 11.20 | 19 | 1,5 | N | 0 | Buteo rufinus | 2 | 09.40 | 150 | N | | 3.00 | | 300 m/ 5 |
| P02 | 13.04.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| P02 | 14.04.2 025 | 08.20- 11.20 | 19 | 1,5 | N | 0 | Falco tinnunculus/nauma nni | 1 | 09.50 | 100 | N | | 2.00 | | 200 m/ 350 |
| P06 | 06.05.2 025 | 15.00- 18.00 | 15 | 5.4 | E | 20 | Circaetus gallicus | 1 | 17.13 | 30 | N | | 0.07 | | on the point |
| P06 | 07.05.2 025 | 09.10- 12.10 | 10 | 6.1 | E | 15 | Sterninae | 3 | 09.50 | 3 | NE | 0.06 | | | 50 m / 210 |
| P06 | 16.04.2 025 | 14.20- 17.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| P06 | 17.04.2 025 | 08.20- 11.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| P17 | 07.05.2 025 | 15.30- 18.30 | 30 | 5.4 | NE | 80 | Falco tinnunculus | 1 | 16.35 | 3 | E | 1.43 | | | 100 m/ 94 |
| P17 | 07.05.2 025 | 15.30- 18.30 | 31 | 5 | NE | 80 | Pernis sp. | 4 | 16.42 | 150 | W | | 0.55 | | 50 m/ 46 |

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|-----|----------------|-----------------|----|-----|----|----|-----------------------------------|----|-------|---------|--------------|------|------|------|--------------------|
| P17 | 07.05.2 025 | 15.30- 18.30 | 31 | 5 | NE | 80 | Milvus migrans | 1 | 16.43 | 50 | N | | 0.30 | | 200 m/ 4 |
| P17 | 07.05.2 025 | 15.30- 18.30 | 31 | 5.1 | NE | 80 | Milvus migrans | 4 | 16.47 | 50 | N | | 2.10 | | 200 m/ 94 |
| P17 | 07.05.2 025 | 15.30- 18.30 | 32 | 5.1 | NE | 80 | Falco tinnunculus | 1 | 16.55 | 20 | NW | 0.43 | | | 100 m/ 54 |
| P17 | 07.05.2 025 | 15.30- 18.30 | 32 | 5 | NE | 80 | Falco subbuteo | 1 | 16.59 | 20 | E | 0.35 | | | 1000 m/ 136 |
| P17 | 07.05.2 025 | 15.30- 18.30 | 32 | 5,2 | NE | 80 | Buteo rufinus | 2 | 17.53 | 100 | E | | 2.45 | | on the point |
| P17 | 08.05.2 025 | 07.00- 10.00 | 23 | 6.4 | NE | 0 | Pterocles orientalis | 4 | 07.41 | 50 | NW | | 0.35 | | 500 m/ 144 |
| P17 | 08.05.2 025 | 07.00- 10.00 | 23 | 6.6 | NE | 10 | Buteo rufinus | 1 | 07.36 | 50 | NE | | 0.37 | | 1200 m/ 130 |
| P17 | 08.05.2 025 | 07.00- 10.00 | 24 | 6 | NE | 10 | Pterocles orientalis | 2 | 09.00 | 10 | SE | 1.05 | | | 50 m/ 4 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 16 | 0.8 | S | 40 | Milvus migrans | 1 | 08.39 | 10-30 | E | 0.19 | 1.14 | | 300 m / 341 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 16 | 1.4 | S | 30 | Aquila chrysaetos | 1 | 09.10 | 500 | SE | | | 3.24 | 1500 m / 136 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 17 | 1.6 | S | 50 | Corvus ruficollis | 1 | 09.24 | 20 | SWW | | | | 700 m / 148 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 17 | 1.4 | S | 40 | Aquila sp. | 1 | 09.34 | 200 | NEE | | | 2.31 | on the point |
| P17 | 15.04.2 025 | 08.30- 11.30 | 18 | 1.6 | S | 30 | Aquila sp. | 1 | 09.50 | 200 | N | | | 1.19 | 1500 m / 350 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 18 | 1.5 | S | 30 | Falco tinnunculus | 1 | 09.56 | 30-60 | E | | 0.44 | | 1000 m / 9 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 20 | 1.4 | S | 10 | Falco sp. | 1 | 10.49 | 150-200 | SWW | | 0.24 | 2.13 | 1800 m / 125 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 21 | 0.8 | S | 10 | Buteo sp. | 1 | 11.00 | 100-150 | SEE | | 3.10 | | 1000 m / 346 |
| P17 | 15.04.2 025 | 08.30- 11.30 | 22 | 1.8 | S | 10 | Pelecanus sp. | 14 | 11.24 | 500 | NEE | | | 3.51 | 1700 m / 130 |
| P17 | 18.04.2 025 | 10.30- 13.30 | 14 | 1.2 | SW | 20 | Aquila chrysaetos | 1 | 10.49 | 200-300 | N | | | 4.41 | 1000 m / 141 |
| P17 | 18.04.2 025 | 10.30- 13.30 | 14 | 2.4 | SW | 20 | Aquila chrysaetos | 1 | 11.21 | 500 | SE | | | 6.18 | 70 m / 13 |
| P24 | 08.05.2 025 | 15.15- 18.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| P24 | 09.05.2 025 | 07.05- 10.05 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| P24 | 15.04.2 025 | 13.00- 16.00 | 23 | 3.1 | W | 30 | Tetrax tetrax | 1 | 13.00 | 2 | Short flight | 0.10 | | | 300m / 322° |
| P24 | 15.04.2 025 | 13.00- 16.00 | 23 | 3.1 | W | 30 | Raptor | 1 | 13.13 | 100 | Soaring | | 1.42 | | 1800m / 50° |
| P24 | 15.04.2 025 | 13.00- 16.00 | 23 | 3.1 | W | 30 | Falco tinnunculus/nauma nni | 1 | 13.21 | 50 | Hunting | | 1.01 | | 700m / 315° |

| | | | | | | | | | | | | | | | |
|-----|----------------|-----------------|----|-----|-----|----|-----------------------------------|---|-------|---------|-----|------|------|------|--------------------|
| P24 | 15.04.2 025 | 13.00- 16.00 | 24 | 3.3 | NWW | 25 | Buteo buteo | 1 | 13.49 | 150→300 | E | | 1.38 | 1.57 | 1500m / 323° |
| P24 | 15.04.2 025 | 13.00- 16.00 | 24 | 2.5 | NWW | 15 | Raptor | 1 | 14.03 | 500 | NE | | | 1.00 | 1000m / 339° |
| P24 | 15.04.2 025 | 13.00- 16.00 | 23 | 2.0 | NWW | 10 | Falco tinnunculus/nauma nni | 1 | 14.41 | 30 | NE | | 0.23 | | 1500m / 316° |
| P24 | 15.04.2 025 | 13.00- 16.00 | 23 | 2.1 | NWW | 15 | Falco tinnunculus/nauma nni | 1 | 14.56 | 40 | NE | 1.06 | 2.41 | | 300m / 120° |
| P24 | 15.04.2 025 | 13.00- 16.00 | 22 | 1.9 | NWW | 15 | Buteo sp. | 1 | 15.06 | 150 | SSW | | 3.10 | | 1500m / 69° |
| P24 | 16.04.2 025 | 9.05- 12.05 | 14 | 2.0 | NWW | 50 | Aquila sp. | 1 | 09.48 | 500 | NEE | | | 1.44 | 2000m / 307° |
| P24 | 16.04.2 025 | 9.05- 12.05 | 15 | 1.5 | NWW | 50 | Pterocles orientalis | 2 | 10.08 | 40 | SEE | | 0.25 | | 600m / 360° |
| P24 | 16.04.2 025 | 9.05- 12.05 | 16 | 1.3 | W | 50 | Pterocles orientalis | 2 | 10.23 | 30 | SE | | 0.40 | | 1000m / 58° |
| X04 | 07.05.2 025 | 15.00- 18.00 | 31 | 4.4 | NEE | 95 | Circaetus gallicus | 1 | 15.38 | 50-100 | NW | | 2.32 | | 700 m/ 70 |
| X04 | 07.05.2 025 | 15.00- 18.00 | 32 | 4.5 | NEE | 95 | Falco subbuteo | 1 | 16.10 | 20-50 | E | | 0.26 | | 300 m/ 275 |
| X04 | 07.05.2 025 | 15.00- 18.00 | 33 | 5.2 | NEE | 95 | Buteo rufinus | 1 | 16.23 | 20-50-0 | NW | 0.10 | 0.15 | | 500 m/ 350 |
| X04 | 07.05.2 025 | 15.00- 18.00 | 35 | 3.7 | NEE | 80 | Buteo rufinus | 1 | 16.55 | 50-100 | SW | | 0.22 | | 500 m/ 280 |
| X04 | 08.05.2 025 | 06.45- 09.45 | 15 | 6.3 | NE | 20 | Buteo rufinus | 1 | 06.50 | 80-90 | NW | | 0.31 | | 600m/ 0 |
| X04 | 14.04.2 025 | 14.30- 17.30 | 22 | 2.8 | W | 30 | Tetrax tetrax | 1 | 15.01 | 10-20 | SE | 0.11 | | | 200 m/ 92 |
| X04 | 14.04.2 025 | 14.30- 17.30 | 22 | 3.1 | W | 30 | Falco tinnunculus | 1 | 15.44 | <20 | NE | 0.56 | | | 400 m/ 37 |
| X04 | 15.04.2 025 | 08.15- 11.15 | 14 | 1.7 | SW | 25 | Tetrax tetrax | 1 | 08.21 | 20 | NE | 0.20 | | | 400 m/ 320 |
| X04 | 15.04.2 025 | 08.15- 11.15 | 15 | 1.7 | SW | 25 | Corvus ruficollis | 1 | 08.33 | 30 | E | | 0.36 | | on the VP |
| X04 | 15.04.2 025 | 08.15- 11.15 | 17 | 0.8 | SW | 30 | Hieraetus pennatus | 1 | 08.52 | 100 | NE | | 1.22 | | 1000 m/ 315 |
| X04 | 15.04.2 025 | 08.15- 11.15 | 22 | 2.2 | SW | 5 | Buteo rufinus | 1 | 10.45 | 300 | NE | | | 4.02 | 2000 m/ 330 |
| X05 | 06.05.2 025 | 14.45- 17.45 | 25 | 4 | NE | 80 | Falco tinnunculus | 1 | 16.52 | 4 | NE | 0.51 | | | 300 m/ 94 |
| X05 | 06.05.2 025 | 14.45- 17.45 | 25 | 4 | NE | 80 | Pterocles orientalis | 2 | 17.00 | 10 | NE | 0.30 | | | on the point |
| X05 | 06.05.2 025 | 14.45- 17.45 | — | — | — | — | Tetrax tetrax | 2 | 17.05 | Sitting | — | — | — | — | 100 m/ 14 |
| X05 | 07.05.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |

| | | | | | | | | | | | | | | | |
|-----|------------|-------------|----|-----|-----|----|----------------------------|---|-------|-----|--------------|------|------|------|--------------|
| X05 | 13.04.2025 | 14.10-17.10 | 26 | 1.4 | SW | 95 | Falco tinnunculus/naumanni | 1 | 15.22 | 20 | NEE | | 1.35 | | 1000m / 135° |
| X05 | 13.04.2025 | 14.10-17.10 | 26 | 1.4 | SW | 95 | Pterocles orientalis | 5 | 15.23 | 30 | NEE | | 0.52 | | 800m / 130° |
| X05 | 13.04.2025 | 14.10-17.10 | 26 | 1.5 | SW | 95 | Pterocles orientalis | 3 | 15.41 | 20 | NW | | 1.48 | | 800m / 81° |
| X05 | 13.04.2025 | 14.10-17.10 | 26 | 1.5 | SW | 95 | Pterocles orientalis | 2 | 15.42 | 10 | SE | 1.13 | | | 1000m / 30° |
| X05 | 14.04.2025 | 8.35-11.40 | 15 | 2 | SWW | 50 | Aquila nipalensis | 1 | 8.35 | 50 | SEE | | 1.21 | | 800m / 145° |
| X05 | 14.04.2025 | 8.35-11.40 | 15 | 2 | SWW | 50 | Tetrax tetrax | 1 | 8.49 | 3 | Short flight | 0.15 | | | 700m / 327° |
| X05 | 14.04.2025 | 8.35-11.40 | 15 | 1.8 | SWW | 15 | Aquila sp. | 1 | 9.59 | 300 | NNE | | | 3.10 | 2000m / 132° |
| X05 | 14.04.2025 | 8.35-11.40 | 15 | 1.7 | SWW | 15 | Aquila sp. | 1 | 10.02 | 200 | Soaring | | | 2.24 | 1500m / 148° |
| X05 | 14.04.2025 | 8.35-11.40 | 15 | 2 | SWW | 10 | Circaetus gallicus | 1 | 10.24 | 300 | SE | | | 0.40 | 2000m / 327° |
| X05 | 14.04.2025 | 8.35-11.40 | 16 | 2.4 | SWW | 10 | Aquila sp. | 1 | 10.33 | 50 | NNE | | 1.51 | | 500m / 160° |
| X05 | 14.04.2025 | 8.35-11.40 | 17 | 2.6 | SWW | 10 | Buteo rufinus | 1 | 11.37 | 100 | NNW | | 2.19 | | 1000m / 85° |

Annex 3.2 Observations with vantage points in March 2025 – May 2025, Power lines

| Point № | Date | Time | Temperature | Wind speed, m/s | Wind direction | Cloudiness, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20-50 m),m.s | Band 3 (>50 m),m.s | Note |
|--------------|------------|-------------|-------------|-----------------|----------------|---------------|----------------------|------------|----------------|------------------|------------------|--------------------|----------------------|--------------------|------------------|
| OHL_VP_1/ SW | 10.05.2025 | 07.30-10.30 | 21 | 2.7 | SSW | 5 | Circaetus gallicus | 1 | 07.45 | 50-70 | SW | | | 2.15 | 700 m/ 280, ↑ NW |
| OHL_VP_1/ SW | 10.05.2025 | 07.30-10.30 | 21 | 2.7 | SSW | 5 | Pterocles orientalis | 2 | 07.55 | 20-30 | SW | | 0.16 | | 300 m/ 225 ↑ NW |
| OHL_VP_1/ SW | 10.05.2025 | 07.30-10.30 | 22 | 2.2 | SSW | 5 | Buteo rufinus | 1 | 08.10 | 20-50 | SWW | | 2.23 | | Over the VP, R→L |
| OHL_VP_1/ SW | 10.05.2025 | 07.30-10.30 | 22 | 2.2 | SSW | 5 | Pterocles orientalis | 3 | 08.10 | 5-10 | SW | | 0.10 | | 200 m/ 50, R→L |
| OHL_VP_1/ SW | 10.05.2025 | 07.30-10.30 | 26 | 2.5 | SSW | 5 | Pterocles orientalis | 2 | 09.00 | 5-10 | NEE | 0.08 | | | 100 m/ 270, L→R |
| OHL_VP_1/ SW | 10.05.2025 | 14.15-17.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_1/ SW | 18.04.2025 | 08.00-11.00 | 11 | 2.8 | NE | 5 | Pterocles orientalis | 1 | 08.11 | 10-20 | NE | 0.11 | | | Over the VP, R→L |
| OHL_VP_1/ SW | 18.04.2025 | 08.00-11.00 | 12 | 3.4 | NE | 5 | Pterocles orientalis | 2 | 08.30 | 10-20 | NEE | 0.16 | | | 300 m/ 135, RF |
| OHL_VP_1/ SW | 18.04.2025 | 08.00-11.00 | 12 | 3.6 | NE | 5 | Pterocles orientalis | 2 | 08.44 | 10-20 | SE | 0.22 | | | 200 m/ 66, RF |
| OHL_VP_1/ SW | 18.04.2025 | 08.00-11.00 | 14 | 2.4 | NE | 5 | Pterocles orientalis | 30 | 09.10 | 0-20 | SE | 0.15 | | | 250 m/ 65, RF |

| | | | | | | | | | | | | | | | |
|------------------|----------------|-----------------|----|-----|----|-----|-----------------------------------|---|-------|--------|----|------|-------|------|-------------------|
| OHL_VP _1/ SW | 18.04. 2025 | 08.00- 11.00 | 14 | 2.2 | NE | 5 | Pterocles orientalis | 8 | 09.28 | 0-20 | E | 0.28 | | | 400 m/ 70, RF |
| OHL_VP _1/ SW | 18.04. 2025 | 08.00- 11.00 | 15 | 2.2 | NE | 5 | Buteo rufinus | 1 | 09.32 | 20-50 | NW | 0.46 | | | 50 m/ 70, RF |
| OHL_VP _1/ SW | 18.04. 2025 | 08.00- 11.00 | 15 | 2.8 | NE | 5 | Aquila nipalensis | 1 | 10.45 | 50-100 | N | | | 2.49 | 500 m/ 170, R→L |
| OHL_VP _1/ SW | 18.04. 2025 | 14.00- 17.00 | 18 | 3.5 | NE | 10 | Circaetus gallicus | 2 | 14.02 | 50 | NW | | 0.13 | | 200 m/ 195 |
| OHL_VP _1/ SW | 18.04. 2025 | 14.00- 17.00 | 18 | 1.8 | NE | 10 | Falco tinnunculus/naum anni | 1 | 14.25 | 10-50 | NE | 0.10 | 0.08 | 0.08 | Over the VP, R→L |
| OHL_VP _1/ SW | 18.04. 2025 | 14.00- 17.00 | 15 | 2.2 | NE | 20 | Pterocles orientalis | 1 | 15.58 | 20-50 | NW | 4.38 | 2.24 | | 500 m/ 185, R→L |
| OHL_VP _1/ SW | 18.04. 2025 | 14.00- 17.00 | 14 | 2.7 | NE | 60 | Pterocles orientalis | 2 | 16.12 | 20-50 | SW | | 0.20 | | 400 m/ 65, RF |
| OHL_VP _1/ SW | 18.04. 2025 | 14.00- 17.00 | 14 | 2.4 | NE | 80 | Pterocles orientalis | 2 | 16.25 | 10-20 | SW | 0.17 | | | 300 m/ 45, RF |
| OHL_VP _2/ N | 10.05. 2025 | 07.30- 10.30 | 28 | 4 | SW | 0 | Falco tinnunculus | 1 | 10.01 | 150 | W | | | 1.55 | Over the VP, R→L |
| OHL_VP _2/ N | 10.05. 2025 | 14.15- 17.15 | 30 | 3.9 | SW | 15 | Pterocles orientalis | 3 | 13.48 | 3 | N | 0.50 | | | Over the VP, R→L |
| OHL_VP _2/ S | 10.05. 2025 | 07.30- 10.30 | 20 | 4 | SW | 5 | Circaetus gallicus | 1 | 07.50 | 55 | SE | | | 1.48 | Over the VP, R→L |
| OHL_VP _2/ S | 10.05. 2025 | 07.30- 10.30 | 21 | 2 | SW | 5 | Buteo rufinus | 1 | 08.09 | 25 | SW | 1.58 | | | Over the VP, R→L |
| OHL_VP _2/ S | 10.05. 2025 | 07.30- 10.30 | 21 | 2 | SW | 5 | Pterocles orientalis | 6 | 08.10 | 5 | SW | 0.10 | | | Over the VP, L→R |
| OHL_VP _2/ S | 10.05. 2025 | 07.30- 10.30 | 25 | 2.5 | SW | 5 | Pterocles orientalis | 2 | 09.06 | 7 | SE | 0.10 | | | Over the VP, L→R |
| OHL_VP _2/ S | 10.05. 2025 | 07.30- 10.30 | 25 | 2.5 | SW | 5 | Pterocles orientalis | 2 | 09.55 | 10 | E | 0.20 | | | Over the VP, L→R |
| OHL_VP _2/ S | 10.05. 2025 | 14.15- 17.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _2/N | 18.04. 2025 | 08.25- 11.25 | 22 | 5.4 | N | 25 | Buteo rufinus | 1 | 10.40 | 50 | NW | | | 0.40 | 300 m/ 330, L→R |
| OHL_VP _2/N | 18.04. 2025 | 08.25- 11.25 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _2/S | 18.04. 2025 | 14.15- 17.15 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _3/ N | 10.05. 2025 | 08.45- 11.45 | 28 | 1.5 | S | 10 | Buteo rufinus | 1 | 10.04 | 50 | E | | 02.01 | | 500 m N, 350, R→L |
| OHL_VP _3/ N | 10.05. 2025 | 13.00- 16.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _3/ N | 17.04. 2025 | 15.20- 18.20 | 19 | 7.1 | NE | 100 | Falco tinnunculus/naum anni | 1 | 16.01 | — | — | — | — | — | Out of radius |
| OHL_VP _3/ N | 18.04. 2025 | 08.50- 11.50 | 11 | 3 | E | 20 | Aquila chrysaetos | 1 | 09.25 | 200 | NW | | 1.11 | | Over the VP, R→L |

| | | | | | | | | | | | | | | | |
|-----------------|----------------|-----------------|----|-----|----|----|-------------------------------|---|-------|------|----------|------|---|-------|------------------|
| OHL_VP _3/ N | 18.04. 2025 | 08.50- 11.50 | 11 | 2 | NE | 20 | Falco sp. | 1 | 11.18 | 15 | E | 0.40 | | | Over the VP, R→L |
| OHL_VP _4/N | 11.05. 2025 | 06.30- 09.30 | 23 | — | — | 10 | Buteo rufinus | 2 | 08.05 | 400 | SE | | | 10.11 | 800 m/ 50, RF |
| OHL_VP _4/N | 11.05. 2025 | 11.30- 14.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | — | — | 0 | Buteo sp. | 4 | 13.23 | 100 | E | | | 2.14 | on point, RF |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | — | — | 0 | Buteo rufinus | 1 | 13.45 | 100 | Sitting | — | — | — | 300 m/ 270 |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | — | — | 10 | Chroicocephalus ridibundus | 5 | 13.47 | 100 | SE | | | 2.36 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 1.5 | SW | 10 | Aquila sp. | 2 | 14.06 | 1000 | NE | | | 2.12 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 2.6 | SW | 10 | Haliaeetus albicilla | 1 | 14.14 | 800 | Circling | | | 3.19 | 1000 m/120, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | — | — | 0 | Aquila nipalensis | 4 | 14.19 | 1000 | NE | | | 3.17 | 1000 m/ 320, L→R |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | — | — | 0 | Aquila nipalensis | 3 | 14.23 | 1000 | NE | | | 2.49 | on point, L→R |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | — | — | 0 | Aquila nipalensis | 8 | 14.27 | 1000 | NE | | | 2.24 | on point, L→R |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 3 | SW | 0 | Aquila nipalensis | 3 | 14.31 | 1000 | NE | | | 0.52 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 3 | SW | 0 | Aquila nipalensis | 5 | 14.34 | 1000 | NE | | | 1.15 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 3 | SW | 0 | Aquila nipalensis | 1 | 14.39 | 1000 | NE | | | 1.49 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 3 | SW | 0 | Aquila nipalensis | 3 | 14.44 | 1000 | NE | | | 1.33 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 3 | SW | 0 | Aquila nipalensis | 1 | 14.49 | 1000 | NE | | | 0.58 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 2.5 | SW | 0 | Aquila nipalensis | 1 | 14.54 | 1000 | NE | | | 1.31 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 2.5 | SW | 0 | Aquila nipalensis | 1 | 14.57 | 1000 | E | | | 1.37 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 2.5 | SW | 0 | Aquila nipalensis | 2 | 15.00 | 1000 | NE | | | 1.31 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 2.5 | SW | 0 | Buteo rufinus | 1 | 15.02 | 200 | NE | | | 1.01 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 10 | 3 | SW | 0 | Aquila nipalensis | 1 | 15.04 | 1000 | NE | | | 0.57 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 4.5 | SW | 0 | Aquila nipalensis | 1 | 15.12 | 1000 | NE | | | 0.34 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 4.5 | SW | 0 | Aquila nipalensis | 1 | 15.13 | 1000 | NE | | | 0.43 | on point, ↑ N |
| OHL_VP _4/N | 12.03. 2025 | 12.30- 18.30 | 9 | 4.5 | SW | 0 | Aquila nipalensis | 1 | 15.15 | 1000 | NE | | | 1.23 | on point, ↑ N |

| | | | | | | | | | | | | | | | |
|-------------|------------|-------------|----|-----|-----|----|----------------------------|----|-------|-------|-----|------|------|------|--------------------------------|
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 9 | 5 | SW | 0 | Aquila nipalensis | 2 | 15.22 | 1000 | NE | | | 1.10 | on point, ↑ N |
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 9 | 5 | SW | 0 | Aquila nipalensis | 2 | 15.27 | 1000 | NE | | | 1.23 | on point, ↑ N |
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 8 | 5 | SW | 0 | Buteo sp. | 1 | 15.27 | 1000 | NE | | | 1.23 | on point, ↑ N |
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 8 | 4 | SW | 0 | Aquila nipalensis | 1 | 15.29 | 1000 | NE | | | 1.09 | on point, ↑ N |
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 8 | 5.5 | SW | 10 | Pterocles orientalis | 3 | 15.34 | 50 | NE | | | 0.57 | on point, L→R |
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 8 | 4.7 | SW | 10 | Aquila sp. | 1 | 15.43 | 1000 | NE | | | 1.45 | 2000 m/ 320, L→R |
| OHL_VP_4/N | 12.03.2025 | 12.30-18.30 | 8 | 6.4 | SW | 10 | Aquila nipalensis | 1 | 16.19 | 500 | W | | | 2.03 | on point, L→R |
| OHL_VP_4/N | 18.04.2025 | 08.50-11.50 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_4/N | 18.04.2025 | 11.50-14.50 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_5/NE | 11.05.2025 | 07.00-10.00 | 26 | 3 | S | 10 | Pernis sp. | 1 | 07.45 | 150 | W | | 2.00 | | 100 m/ 30, L→R |
| OHL_VP_5/NE | 11.05.2025 | 07.00-10.00 | 25 | 3 | S | 10 | Buteo rufinus | 1 | 08.30 | 50 | W | 3.20 | | | 700 m/ 270, R→L |
| OHL_VP_5/NE | 11.05.2025 | 07.00-10.00 | 30 | 3 | S | 10 | Buteo rufinus | 1 | 09.45 | 60 | SW | | 2.09 | | 800 m/ 330, L→R |
| OHL_VP_5/NE | 11.05.2025 | 12.00-15.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_5/NE | 12.03.2025 | 12.20-18.20 | 10 | 4.9 | NE | 0 | Aquila nipalensis | 1 | 13.39 | 50-60 | E | | | 0.15 | on point, ↑ NE |
| OHL_VP_5/NE | 12.03.2025 | 12.20-18.20 | 10 | 5.8 | NE | 0 | Falco tinnunculus | 1 | 14.09 | 5-10 | N | 0.10 | | | 100 m/ 99, R→L |
| OHL_VP_5/NE | 12.03.2025 | 12.20-18.20 | 9 | 6.7 | NE | 0 | Aquila nipalensis / photo | 1 | 16.00 | >150 | N | | | 1.44 | 300 m/ 110, RF |
| OHL_VP_5/NE | 12.03.2025 | 12.20-18.20 | 7 | 4.8 | NE | 0 | Falco tinnunculus | 1 | 16.53 | 40-50 | W | | 0.24 | | 400 m/ 47, ↑ SW |
| OHL_VP_5/NE | 12.03.2025 | 12.20-18.20 | 5 | 5.1 | NE | 0 | Tadorna ferruginea | 14 | 17.40 | 30-50 | NNW | | 0.11 | | 100 m/ 143, R→L |
| OHL_VP_5/NE | 12.03.2025 | 12.25-15.25 | 9 | 3.8 | E | 0 | Falco tinnunculus/naumanni | 1 | 12.56 | 40 | NW | | 0.17 | | 500m / 190° L→R h=40m |
| OHL_VP_5/NE | 12.03.2025 | 12.25-15.25 | 10 | 3.9 | NE | 0 | Tadorna ferruginea | 2 | 13.44 | 60 | SSE | | | 0.44 | 100m / 310° R→L h=60m |
| OHL_VP_5/NE | 12.03.2025 | 15.25-18.25 | 10 | 3.8 | NE | 0 | Falco tinnunculus/naumanni | 1 | 14.00 | 40 | RF | | 1.53 | | 200m / 200° RF, sat on a pylon |
| OHL_VP_5/NE | 12.03.2025 | 15.25-18.25 | 9 | 4.4 | NEE | 0 | Aquila nipalensis | 1 | 16.06 | 200 | NW | | | 0.39 | 500m / 187° L→R h=200m |
| OHL_VP_5/NE | 12.03.2025 | 15.25-18.25 | 7 | 3.8 | NEE | 0 | Larus sp. | 8 | 17.06 | 60 | NW | | | 0.26 | 800m / 210° L→R h=60m |

| | | | | | | | | | | | | | | | |
|-------------|------------|-------------|----|-----|-----|----|-------------------|----|-------|-----|----------|------|------|-------|-----------------------------------|
| OHL_VP_5/NE | 19.04.2025 | 10.00-13.00 | 22 | 3.8 | N | 50 | Falco tinnunculus | 1 | 11.11 | 10 | N | 0.15 | | | 50 m/ 11, RF |
| OHL_VP_5/NE | 19.04.2025 | 10.00-13.00 | 24 | 2.3 | N | 50 | Falco tinnunculus | 3 | 11.27 | 25 | E | | 0.25 | | 30 m/ 99, RF |
| OHL_VP_5/NE | 19.04.2025 | 10.00-13.00 | 26 | 1.1 | N | 50 | Falco tinnunculus | 1 | 12.04 | 20 | N | | 0.20 | | 40 m/ 9, RF |
| OHL_VP_5/NE | 19.04.2025 | 13.40-16.40 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_5/SW | 11.05.2025 | 07.00-10.00 | 23 | 2.7 | S | 20 | Falco tinnunculus | 2 | 08.29 | 30 | N | 0.12 | | | 100 m/ 60, RF |
| OHL_VP_5/SW | 11.05.2025 | 07.00-10.00 | 24 | 2 | S | 20 | Buteo rufinus | 1 | 08.30 | 150 | Circling | | | 10.18 | 700 m/ 150, RF |
| OHL_VP_5/SW | 11.05.2025 | 07.00-10.00 | 24 | 4.8 | S | 15 | Falco tinnunculus | 3 | 09.18 | 25 | S | | 0.14 | | 150 m/ 180, RF |
| OHL_VP_5/SW | 11.05.2025 | 07.00-10.00 | 27 | 4.7 | S | 10 | Falco tinnunculus | 1 | 10.19 | 15 | S | 0.10 | | | 50 m/ 240, RF |
| OHL_VP_5/SW | 11.05.2025 | 12.00-15.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_5/SW | 19.04.2025 | 10.00-13.00 | 22 | 3.6 | N | 50 | Falco tinnunculus | 1 | 11.00 | 15 | S | 0.10 | | | 50 m/180, L→R |
| OHL_VP_5/SW | 19.04.2025 | 13.40-16.40 | 24 | 1.6 | N | 30 | Falco tinnunculus | 1 | 14.41 | 10 | NW | 0.20 | | | 50 m/180, L→R |
| OHL_VP_5/SW | 12.03.2025 | 12.25-15.25 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_5/SW | 12.03.2025 | 15.25-18.25 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 5 | 1.0 | NNE | 0 | Aquila nipalensis | 2 | 13.21 | 200 | RF | | | 2.32 | 500m / 60° RF |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 5 | 1.0 | NNE | 0 | Buteo rufinus | 1 | 13.21 | 200 | RF | | | 2.32 | 500m / 60° RF |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 5 | 1.0 | NNE | 0 | Aquila nipalensis | 1 | 13.23 | 100 | TY | | | 2.82 | 50m / 327° ↑↑NE |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 6 | 0.7 | NNE | 0 | Aquila nipalensis | 1 | 13.45 | 150 | SEE | | | 0.24 | 200m / 317° L→R h=150m |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 6 | 2.1 | NNE | 0 | Aquila nipalensis | 1 | 14.31 | 500 | NNE | | | 0.51 | 300m / 339° RF |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 6 | 1.5 | NNE | 0 | Aquila nipalensis | 1 | 14.37 | 50 | RF | | | 6.44 | 500m / 356° L→R h=50m, R→L h=100m |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 5 | 2.4 | NNE | 0 | Circus sp. | 1 | 14.52 | 30 | RF | | 2.48 | | 500m / 32° L→R h=30m, RF |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 5 | 2.4 | NNE | 0 | Pelecanus crispus | 15 | 14.55 | 300 | NE | | | 1.30 | 400m / 320° ↑↑NE |
| OHL_VP_6/NE | 11.03.2025 | 15.15-18.15 | 6 | 2.5 | NNE | 0 | Buteo rufinus | 1 | 15.22 | 40 | N | | 1.33 | | 200m / 122° R→L h=50m |
| OHL_VP_6/NE | 11.03.2025 | 15.15-18.15 | 4 | 2.8 | NNE | 0 | Aquila nipalensis | 1 | 15.30 | 100 | NNE | | | 0.29 | 100m / 325° ↑↑NE |
| OHL_VP_6/NE | 11.03.2025 | 15.15-18.15 | 4 | 2.5 | NNE | 5 | Aquila nipalensis | 1 | 15.40 | 100 | NNE | | | 0.31 | 200m / 320° ↑↑NE |

| | | | | | | | | | | | | | | | |
|-------------|------------|-------------|----|-----|-----|----|----------------------|----|-------|---------|-----|---|------|------|------------------------|
| OHL_VP_6/NE | 11.03.2025 | 15.15-18.15 | 4 | 2.5 | NNE | 5 | Aquila nipalensis | 1 | 15.41 | 50 | NEE | | 0.43 | | Over the VP, L→R h=50m |
| OHL_VP_6/NE | 11.03.2025 | 15.15-18.15 | 1 | 2.1 | NNE | 20 | Aquila nipalensis | 1 | 17.07 | 50 | NW | | 0.58 | | 1000m / 57° R→L h=30m |
| OHL_VP_6/NE | 11.05.2025 | 08.20-11.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/NE | 11.05.2025 | 13.00-16.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/NE | 11.03.2025 | 12.15-15.15 | 5 | 1.0 | NNE | 0 | Buteo rufinus | 1 | 13.13 | 40 | NE | | 1.45 | | 400m / 140° ↑↑NE |
| OHL_VP_6/NE | 16.04.2025 | 16.00-19.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/NE | 17.04.2025 | 09.05-12.05 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 5 | 1.5 | N | 0 | raptor | 1 | 13.15 | 60 | E | | | 0.41 | 800 m/ 220, R→L |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 5 | 0.5 | N | 0 | Aquila nipalensis | 1 | 13.23 | 60-80 | NE | | | 0.59 | 700 m/ 237, ↑ NE |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 6 | 1.1 | N | 0 | Aquila nipalensis | 1 | 13.44 | 100-150 | NE | | | 1.29 | 500 m/ 250, ↑ NE |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 6 | 1.6 | N | 0 | Aquila nipalensis | 1 | 14.21 | >200 | E | | | 1.21 | 500 m/ 252, R→L |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 6 | 1 | N | 0 | Aquilla sp. | 1 | 14.32 | >200 | SEE | | | 0.36 | 300 m/ 300, R→L |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 6 | 2.4 | N | 0 | Aquila nipalensis | 1 | 14.45 | 100-120 | SW | | | 0.29 | 400 m/ 300, ↑ SW |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 6 | 2.6 | N | 0 | Pelecanus sp. | 15 | 14.56 | >200 | NE | | | 0.16 | 500 m/ 300, ↑ NE |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 5 | 3.5 | N | 0 | Aquilla sp. | 1 | 15.31 | 100-120 | N | | | 0.10 | 200 m/ 270, ↑ NE |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 4 | 3.9 | N | 0 | Aquila nipalensis | 1 | 15.40 | 70-100 | NE | | | 0.15 | on point, RF |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 4 | 3.9 | N | 0 | Aquila nipalensis | 1 | 15.42 | 20-40 | NEE | | 0.10 | | 100 m/ 300, R→L |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 2 | 5.5 | N | 0 | Aquilla sp. | 1 | 16.32 | >200 | SEE | | | 0.34 | 2000 m/ 228, RF |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 2 | 4.8 | N | 0 | Anatinae | 6 | 17.02 | 80-100 | SW | | | 0.18 | on point, ↑ SW |
| OHL_VP_6/SW | 11.03.2025 | 12.15-18.15 | 2 | 4 | N | 0 | Pterocles orientalis | 2 | 17.05 | 30-50 | SWW | | 0.23 | | 1500 m/ 220, R→L |
| OHL_VP_6/SW | 11.05.2025 | 08.20-11.20 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/SW | 11.05.2025 | 13.00-16.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP_6/SW | 16.04.2025 | 16.00-19.00 | 19 | 3.5 | NE | 5 | Aquila sp. | 1 | 16.55 | 150 | RF | | | 0.40 | 2000m / 220° RF |
| OHL_VP_6/SW | 17.04.2025 | 09.05-12.05 | 18 | 3.2 | SEE | 60 | Aquila heliaca | 1 | 9.18 | 80 | RF | | | 0.45 | 1300m / 233° RF |

| | | | | | | | | | | | | | | | |
|-----------------|----------------|-----------------|----|-----|-----|----|---------------------------------|----|-------|--------|----------|------|------|-------|----------------------------|
| OHL_VP _6/SW | 17.04. 2025 | 09.05- 12.05 | 16 | 4.1 | NEE | 70 | <i>Aquila nipalensis</i> | 1 | 11.00 | 150 | R→L | | | 1.51 | 1500m / 232° R→L h=150m |
| OHL_VP _6/SW | 17.04. 2025 | 09.05- 12.05 | 17 | 4.3 | NEE | 50 | <i>Aquila nipalensis</i> | 1 | 11.16 | 40 | R→L | | 1.22 | | 1500m / 226° R→L h=40m |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 2 | N | 0 | <i>Aquila sp.</i> | 1 | 11.49 | 100 | NW | | | 1.10 | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 0.9 | N | 20 | <i>Aquila sp.</i> | 1 | 13.19 | 50-300 | Circling | | | 7.10 | 2000 m/ 55, RF |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 0.9 | N | 20 | <i>Circus cyaneus</i> | 1 | 13.24 | 1-5 | E | 0.30 | | | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 6 | — | — | 20 | <i>Aquila nipalensis</i> | 2 | 13.42 | >200 | E | | | 05.58 | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 7 | 1.6 | NE | 5 | <i>Buteo rufinus</i> | 1 | 14.04 | 100 | E | | | 0.39 | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 7 | 1.6 | NE | 5 | <i>Circus cyaneus</i> | 1 | 14.18 | 100 | E | | | 1.31 | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 7 | 1.6 | NE | 5 | <i>Aquila nipalensis</i> | 1 | 14.23 | 100 | S | | | 1.24 | on point, ↑ NE |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 7 | 3.5 | NE | 5 | <i>Larus cachinnans</i> | 14 | 15.38 | 20 | E | | 1.10 | | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 3 | N | 10 | <i>Circus aeruginosus</i> | 1 | 15.54 | 30 | E | 0.49 | | | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 3.5 | N | 10 | <i>Aquila sp.</i> | 1 | 16.26 | 5 | N | | | 1.39 | on point, ↑ NE |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 3 | N | 10 | <i>Circus aeruginosus</i> | 1 | 16.39 | 100 | NE | 0.59 | | | on point, L→R |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 5 | 3 | N | 10 | <i>Falco tinnunculus</i> | 1 | 16.58 | 10 | E | | 0.55 | | on point, RF |
| OHL_VP _7/NE | 11.03. 2025 | 11.40- 17.40 | 3 | 3 | N | 10 | <i>Falco tinnunculus</i> | 1 | 17.37 | 20 | E | | 0.43 | | on point, RF |
| OHL_VP _7/NE | 11.05. 2025 | 05.45- 08.45 | 21 | 1.7 | SWW | 20 | <i>Pterocles orientalis</i> | 1 | 06.41 | 20-50 | NWW | | 0.25 | | Over the VP, R→L |
| OHL_VP _7/NE | 11.05. 2025 | 05.45- 08.45 | 21 | 1.7 | SWW | 20 | <i>Larus cachinnans</i> | 2 | 06.49 | 50-70 | NE | | | 0.17 | Over the VP, R→L |
| OHL_VP _7/NE | 11.05. 2025 | 05.45- 08.45 | 26 | 0.9 | SWW | 30 | <i>Pterocles orientalis</i> | 1 | 07.46 | 20-50 | SW | | 0.12 | | 100 m/ 15, RF |
| OHL_VP _7/NE | 11.05. 2025 | 05.45- 08.45 | 27 | 1.2 | SWW | 40 | <i>Milvus migrans</i> | 1 | 08.00 | 20-50 | NWW | | 0.40 | | Over the VP, RF |
| OHL_VP _7/NE | 11.05. 2025 | 05.45- 08.45 | 29 | 1.2 | SWW | 50 | <i>Circus gallicus</i> | 1 | 08.08 | 20-50 | W | | 0.27 | | 500 m/ 80, R→L |
| OHL_VP _7/NE | 11.05. 2025 | 05.45- 08.45 | 30 | 2.4 | SWW | 50 | <i>Buteo rufinus</i> | 1 | 08.40 | 20-50 | NEE | | 0.55 | | 300 m/ 100, Rf |
| OHL_VP _7/NE | 11.05. 2025 | 08.45- 11.45 | 30 | 1.3 | SWW | 50 | <i>Milvus migrans</i> | 1 | 09.02 | 20-50 | NW | | 1.18 | | 300 m/ 270, RF |
| OHL_VP _7/NE | 11.05. 2025 | 08.45- 11.45 | 31 | 1.5 | SWW | 50 | <i>Buteo rufinus</i> | 1 | 09.25 | 10-30 | NW | 0.20 | 0.08 | | 200 m/ 345, RF |
| OHL_VP _7/NE | 11.05. 2025 | 08.45- 11.45 | 31 | 2,2 | SWW | 85 | <i>Buteo rufinus</i> | 1 | 10.35 | 20-100 | NE | 0.12 | 2.20 | 1.37 | 500 m / 45, RF |

| | | | | | | | | | | | | | | | |
|-----------------|----------------|-----------------|----|-----|-----|----|-------------------------|----|-------|---------|-----|------|------|------|-------------------|
| OHL_VP _7/NE | 16.04. 2025 | 15.40- 18.40 | 15 | 2.5 | NE | 0 | Larus sp. | 4 | 16.01 | 20-30 | SW | | 0.24 | | 1000 m/ 38, ↑ SW |
| OHL_VP _7/NE | 16.04. 2025 | 15.40- 18.40 | 15 | 2.8 | NE | 0 | Pterocles orientalis | 3 | 16.58 | <20 | W | 0.14 | | | 600 m/ 50, L→R |
| OHL_VP _7/NE | 16.04. 2025 | 15.40- 18.40 | 14 | 3.1 | NE | 0 | Larus sp. | 5 | 17.11 | <20 | SW | | 0.19 | | 300 m/ 30, ↑ SW |
| OHL_VP _7/NE | 16.04. 2025 | 15.40- 18.40 | 14 | 2.7 | NE | 0 | Tadorna ferruginea | 12 | 17.24 | 20-50 | SWW | | 0.21 | | 500 m/ 80, L→R |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 13 | 1.8 | NEE | 40 | Aquila nipalensis | 1 | 08.34 | 100-150 | NNE | | | 1.04 | 300 m/ 10, ↑ NE |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 14 | 1.9 | NEE | 40 | Tadorna ferruginea | 2 | 08.45 | 20-30 | W | | 0.26 | | 500 m/ 35, L→R |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 13 | 2.3 | NEE | 40 | Tadorna ferruginea | 2 | 08.52 | <20 | NWW | 0.17 | | | 400 m/ 285, RF |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 14 | 2.4 | NEE | 40 | Tadorna ferruginea | 5 | 08.54 | 20-30 | SEE | | 0.31 | | 400 m/ 270, R→L |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 14 | 2.8 | NEE | 40 | Tadorna ferruginea | 2 | 09.03 | 30-50 | NE | | 0.28 | | 200 m/ 310, R→L |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 16 | 2.1 | NEE | 40 | Pernis sp. | 2 | 10.20 | >200 | NE | | | 2.44 | Over the VP, ↑ NE |
| OHL_VP _7/NE | 17.04. 2025 | 08.30- 11.30 | 17 | 2.3 | NEE | 40 | raptor | 2 | 10.46 | 300-500 | | | | 1.41 | Over the VP, ↑ NE |
| OHL_VP _8/E | 10.05. 2025 | 07.45- 10.45 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _8/E | 10.05. 2025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |
| OHL_VP _8/E | 21.04. 2025 | 12.00- 15.00 | 21 | 4.1 | NE | 90 | Falco tinnunculus | 1 | 12.44 | 20-40 | NNE | | 0.39 | | 400 m/ 139, R→L |
| OHL_VP _8/E | 21.04. 2025 | 12.00- 15.00 | 21 | 3.8 | NE | 90 | Circus sp. | 1 | 14.28 | 10-20 | N | 0.31 | | | 200 m/ 124, R→L |
| OHL_VP _8/E | 21.04. 2025 | 12.00- 15.00 | 21 | 2.4 | NE | 90 | Milvus migrans | 1 | 14.32 | 50-80 | NE | | | 1.25 | 300 m/ 166, R→L |
| OHL_VP _8/E | 21.04. 2025 | 12.00- 15.00 | 20 | 3.1 | NE | 90 | Falco subbuteo | 1 | 14.44 | 20-60 | NE | | 0.38 | 0.11 | 300 m/ 137, R→L |
| OHL_VP _8/E | 21.04. 2025 | 12.00- 15.00 | 20 | 2.4 | NE | 90 | Larus sp. | 3 | 14.47 | 20-50 | NEE | | 0.21 | | 1500 m/ 137, R→L |
| OHL_VP _8/E | 21.04. 2025 | 12.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | No bird spotted |

Annex 3.3 En-route observations in March 2025 – May 2025

| Date | Coordinates | Species | Count | Other information |
|------------|-----------------------|----------------------|-------|-------------------|
| 17.04.2025 | N44.535111 E73.545314 | Alectoris chukar | 24 | |
| 14.04.2025 | N44.620499 E73.437510 | Perdix perdix | 7 | |
| 13.04.2025 | N44.746789 E73.578621 | Gallinago gallinago | 4 | |
| 13.04.2025 | N44.746789 E73.578621 | Charadrius dubius | 3 | |
| 09.05.2025 | N44.580173 E73.510716 | Merops apiaster | 6 | |
| 17.05.2025 | N44.430060 E73.713772 | Alectoris chukar | 13 | |
| 13.05.2025 | N44.688937 E73.405962 | Testudo horsfieldi | 4 | 10 m |
| 13.05.2025 | N44.763014 E73.295618 | Testudo horsfieldi | 1 | 10 m |
| 13.05.2025 | N44.763014 E73.295618 | Ovis ammon | 4 | 2500 m S |
| 15.04.2025 | N44.621765 E73.446383 | Testudo horsfieldi | 2 | 10 m |
| 14.04.2025 | N44.690080 E73.361339 | Testudo horsfieldi | 9 | 15 m |
| 20.04.2025 | N44.651681 E73.480708 | Motacilla flava | 3 | |
| 08.05.2025 | N44.596048 E73.467724 | Emberiza bruniceps | 2 | |
| 19.04.2025 | N44.54534 E03.47318 | Testudo horsfieldi | 1 | 5 m |
| 19.04.2025 | N44.54990 E73.46818 | Testudo horsfieldi | 1 | 5 m |
| 19.04.2025 | N44.56122 E73.45751 | Tetrax tetrax | 1 | |
| 19.04.2025 | N44.58345 E73.47251 | Buteo rufinus | 1 | |
| 19.04.2025 | N44.59385 E73.44670 | Pterocles orientalis | 10 | |
| 19.04.2025 | N44.62098 E073.43786 | Testudo horsfieldi | 1 | 5 m |
| 19.04.2025 | N44.62383 E73.44708 | Testudo horsfieldi | 2 | 5 m |
| 19.04.2025 | N44.681855 E73.48812 | Testudo horsfieldi | 1 | 5 m |
| 19.04.2025 | N44.58264 E73.57555 | Testudo horsfieldi | 1 | 5 m |
| 19.04.2025 | N44.57837 E73.59782 | Lepus tolai | 1 | |
| 19.04.2025 | N44.57494 E73.61213 | Tetrax tetrax | 1 | |
| 19.04.2025 | N44.55340 E73.62918 | Testudo horsfieldi | 1 | 5 m |
| 19.04.2025 | N44.54508 E73.64091 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.61057 E73.50722 | Testudo horsfieldi | 1 | 5 m |

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|------------|---------------------|------------------------|----|-----|
| 20.04.2025 | N44.63268 E73.48670 | Falco vespertinus | 1 | |
| 20.04.2025 | N44.64311 E73.48511 | Pterocles orientalis | 4 | |
| 20.04.2025 | N44.68704 E73.40399 | Tetrax tetrax | 1 | |
| 20.04.2025 | N44.73301 E73.32293 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.76918 E73.28101 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.76393 E73.23629 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.76290 E73.23048 | Testudo horsfieldi | 2 | 5 m |
| 20.04.2025 | N44.76648 E73.21576 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.79296 E73.20851 | Rhodospiza obsoleta | 1 | |
| 20.04.2025 | N44.79444 E73.24370 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.79925 E73.24203 | Testudo horsfieldi | 2 | 5 m |
| 20.04.2025 | N44.80266 E73.23773 | Circus pygargus | 1 | |
| 20.04.2025 | N44.81634 E73.24561 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.83022 E73.25728 | Testudo horsfieldi | 1 | 5 m |
| 20.04.2025 | N44.84275 E73.23200 | Testudo horsfieldi | 1 | 5 m |
| 21.04.2025 | N44.71557 E73.40233 | Testudo horsfieldi | 1 | 5 m |
| 21.04.2025 | N44.69563 E73.40156 | Pterocles orientalis | 16 | |
| 21.04.2025 | N44.68046 E73.43801 | Sterna hirundo | 1 | |
| 21.04.2025 | N44.66183 E73.46624 | Tetrax tetrax | 2 | |
| 21.04.2025 | N44.64450 E73.48625 | Tetrax tetrax | 2 | |
| 21.04.2025 | N44.621 E73.51652 | Pterocles orientalis | 2 | |
| 21.04.2025 | N44.61053 E73.52690 | Pterocles orientalis | 4 | |
| 21.04.2025 | N44.60697 E73.53480 | Pterocles orientalis | 2 | |
| 21.04.2025 | N44.59766 E73.53642 | Pterocles orientalis | 4 | |
| 21.04.2025 | N44.58809 E73.55205 | Testudo horsfieldi | 1 | 5 m |
| 21.04.2025 | N44.58673 E73.56012 | Testudo horsfieldi | 1 | 5 m |
| 21.04.2025 | N44.58380 E73.57301 | Turdus atrogularis | 1 | |
| 24.03.2025 | N44.55246 E73.81055 | Chlamydotis macqueenii | 2 | |
| 24.03.2025 | N44.54457 E73.76767 | Tetrax tetrax | 1 | |
| 24.03.2025 | N44.54457 E73.76767 | Larus cachinnans | 1 | |
| 24.03.2025 | N44.54071 E73.76117 | Chlamydotis macqueenii | 1 | |

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|------------|-----------------------|----------------------|----|--|
| 24.03.2025 | N44.53575 E73.75341 | Tetrax tetrax | 5 | |
| 24.03.2025 | N44.52587 E73.73314 | Tetrax tetrax | 11 | |
| 24.03.2025 | N44.52585 E73.73307 | Tetrax tetrax | 3 | |
| 24.03.2025 | N44.52074 E73.64563 | Alectoris chukar | 2 | |
| 24.03.2025 | N44.52074 E73.64563 | Pterocles orientalis | 12 | |
| 24.03.2025 | N44.52074 E73.64563 | Circus pygargus | 1 | |
| 24.03.2025 | N44.58761 E73.65111 | Gazella subgutturosa | 3 | |
| 24.03.2025 | N44.58761 E73.65111 | Tetrax tetrax | 1 | |
| 25.03.2025 | N44.655825 E73.769343 | Anatidae | 51 | |
| 25.03.2025 | N44.78715 E73.46716 | Circus pygargus | 1 | |
| 25.03.2025 | N44.74677 E73.51784 | Buteo rufinus | 1 | |
| 12.04.2025 | 44.56916, 73.87030 | Upupa epops | 1 | |
| 12.04.2025 | 44.55258, 73.83608 | Buteo rufinus | 1 | |
| 12.04.2025 | 44.50760, 73.59662 | Pterocles orientalis | 3 | |
| 12.04.2025 | 44.76190, 73.30933 | Circaetus gallicus | 1 | |
| 12.04.2025 | 44.76508, 73.23899 | Upupa epops | 1 | |
| 14.04.2025 | 44.72300, 73.37316 | Tetrax tetrax | 1 | |
| 16.04.2025 | 44.61262, 73.50334 | Circaetus gallicus | 1 | |
| 17.04.2025 | 44.51769, 73.61922 | Tetrax tetrax | 1 | |
| 18.04.2025 | 44.53935, 73.64315 | Tetrax tetrax | 1 | |
| 18.04.2025 | 44.50965, 73.61568 | Oenanthe isabellina | 2 | |
| 18.04.2025 | 44.36265, 73.71532 | Aquila chrysaetos | 1 | |
| 18.04.2025 | 44.41094, 73.71468 | Alectoris chukar | 14 | |
| 18.04.2025 | 44.48482, 73.71722 | Buteo rufinus | 1 | |
| 18.04.2025 | 44.48482, 73.71722 | Corvus ruficollis | 1 | |
| 18.04.2025 | 44.49025, 73.65990 | Corvus ruficollis | 1 | |
| 18.04.2025 | 44.48360, 73.65035 | Buteo rufinus | 1 | |
| 18.04.2025 | 44.48360, 73.65035 | Anthus campestris | 1 | |
| 18.04.2025 | 44.502, 73.605 | Tetrax tetrax | 1 | |
| 18.04.2025 | 44.50840, 73.55907 | Pterocles orientalis | 4 | |
| 18.04.2025 | 44.50840, 73.55907 | Oenanthe isabellina | 1 | |

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|------------|--------------------|---------------------------------|----|--|
| 18.04.2025 | 44.50893, 73.53445 | Alectoris chukar | 8 | |
| 18.04.2025 | 44.52888, 73.53671 | Saxicola maurus | 1 | |
| 18.04.2025 | 44.52888, 73.53671 | Lanius excubitor pallidirostris | 1 | |
| 18.04.2025 | 44.562, 73.557 | Accipiter nisus | 1 | |
| 18.04.2025 | 44.5612, 73.6225 | Anthus trivialis | 1 | |
| 05.05.2025 | 44.55209, 73.83117 | Buteo rufinus | 1 | |
| 05.05.2025 | 44.51838, 73.57177 | Emberiza bruniceps | 1 | |
| 05.05.2025 | 44.53148, 73.54034 | Pastor roseus | 38 | |
| 05.05.2025 | 44.53148, 73.54034 | Buteo rufinus | 1 | |
| 05.05.2025 | 44.77494, 73.27314 | Perdix perdix | 2 | |
| 05.05.2025 | 44.78580, 73.21176 | Lanius excubitor pallidirostris | 1 | |
| 05.05.2025 | 44.76462, 73.23504 | Upupa epops | 1 | |
| 05.05.2025 | 44.76462, 73.23504 | Otus scops | 1 | |
| 05.05.2025 | 44.77167, 73.22219 | Accipiter nisus | 1 | |
| 05.05.2025 | 44.78640, 73.21139 | Lanius excubitor pallidirostris | 1 | |
| 05.05.2025 | 44.78640, 73.21139 | Melanocorypha calandra | 4 | |
| 05.05.2025 | 44.77168, 73.27763 | Tetrax tetrax | 1 | |
| 05.05.2025 | 44.763, 73.296 | Caprimulgus europaeus | 1 | |
| 06.05.2025 | 44.78714, 73.21156 | Lanius excubitor pallidirostris | 1 | |
| 06.05.2025 | 44.77851, 73.21178 | Melanocorypha bimaculata | 2 | |
| 06.05.2025 | 44.77851, 73.21178 | Melanocorypha calandra | 3 | |
| 06.05.2025 | 44.70921, 73.33496 | Tetrax tetrax | 1 | |
| 06.05.2025 | 44.70258, 73.34119 | Tetrax tetrax | 1 | |
| 07.05.2025 | 44.73210, 73.32394 | Tadorna ferruginea | 4 | |
| 07.05.2025 | 44.73210, 73.32394 | Apus apus | 2 | |
| 07.05.2025 | 44.73210, 73.32394 | Merops apiaster | 2 | |
| 07.05.2025 | 44.73210, 73.32394 | Emberiza calandra | 1 | |
| 07.05.2025 | 44.73210, 73.32394 | Pastor roseus | 14 | |
| 07.05.2025 | 44.73210, 73.32394 | Melanocorypha calandra | 1 | |
| 07.05.2025 | 44.64975, 73.37896 | Hirundo rustica | 1 | |
| 07.05.2025 | 44.61607, 73.39131 | Streptopelia orientalis | 2 | |

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|------------|--------------------|---------------------------------|----|--|
| 07.05.2025 | 44.61607, 73.39131 | Iduna rama | 1 | |
| 07.05.2025 | 44.61607, 73.39131 | Cercotrichas galactotes | 1 | |
| 07.05.2025 | 44.61607, 73.39131 | Luscinia svecica | 1 | |
| 07.05.2025 | 44.62667, 73.38701 | Alectoris chukar | 5 | |
| 07.05.2025 | 44.617, 73.392 | Caprimulgus europaeus | 1 | |
| 08.05.2025 | 44.617, 73.392 | Buteo rufinus | 1 | |
| 08.05.2025 | 44.617, 73.392 | Cercotrichas galactotes | 1 | |
| 08.05.2025 | 44.65579, 73.38365 | Streptopelia orientalis | 2 | |
| 08.05.2025 | 44.64856, 73.48342 | Pastor roseus | 11 | |
| 08.05.2025 | 44.64856, 73.48342 | Passer hispaniolensis | 2 | |
| 08.05.2025 | 44.64856, 73.48342 | Coracias garrulus | 2 | |
| 08.05.2025 | 44.61708, 73.49076 | Saxicola maurus | 1 | |
| 08.05.2025 | 44.65280, 73.45445 | Melanocorypha calandra | 3 | |
| 08.05.2025 | 44.65382, 73.48555 | Lanius phoenicuroides | 1 | |
| 08.05.2025 | 44.64981, 73.48412 | Melanocorypha bimaculata | 2 | |
| 08.05.2025 | 44.64981, 73.48412 | Melanocorypha calandra | 1 | |
| 08.05.2025 | 44.64981, 73.48412 | Alaudala heinei | 1 | |
| 08.05.2025 | 44.64981, 73.48412 | Passer hispaniolensis | 1 | |
| 08.05.2025 | 44.63040, 73.48797 | Lanius excubitor pallidirostris | 1 | |
| 08.05.2025 | 44.63040, 73.48797 | Lanius phoenicuroides | 1 | |
| 09.05.2025 | 44.64018, 73.45284 | Pterocles orientalis | 1 | |
| 09.05.2025 | 44.64018, 73.45284 | Tetrax tetrax | 1 | |
| 09.05.2025 | 44.652, 73.488 | Cercotrichas galactotes | 1 | |
| 09.05.2025 | 44.61577, 73.49059 | Corvus ruficollis | 1 | |
| 09.05.2025 | 44.52084, 73.53360 | Streptopelia orientalis | 1 | |
| 09.05.2025 | 44.52084, 73.53360 | Buteo rufinus | 1 | |
| 09.05.2025 | 44.52084, 73.53360 | Falco tinnunculus | 1 | |
| 09.05.2025 | 44.55302, 73.55296 | Caprimulgus europaeus | 1 | |
| 09.05.2025 | 44.55304, 73.55298 | Burhinus oedinenus | 1 | |
| 10.05.2025 | 44.49415, 73.63915 | Corvus ruficollis | 1 | |
| 10.05.2025 | 44.48360, 73.65035 | Passer hispaniolensis | 1 | |

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|------------|------------------------------|-----------------------|---|--|
| 10.05.2025 | 44.48360, 73.65035 | Buteo rufinus | 1 | |
| 10.05.2025 | 44.49654, 73.66749 | Buteo rufinus | 1 | |
| 10.05.2025 | 44.46056, 73.71584 | Corvus ruficollis | 1 | |
| 10.05.2025 | 44.36265, 73.71532 | Alectoris chukar | 2 | |
| 10.05.2025 | 44.36265, 73.71532 | Buteo rufinus | 1 | |
| 10.05.2025 | 44.37155, 73.71403 | Luscinia megarhynchos | 1 | |
| 10.05.2025 | 44.32781, 73.71302 | Corvus ruficollis | 1 | |
| 10.05.2025 | 44.27649, 73.72235 | Pterocles orientalis | 4 | |
| 10.05.2025 | 44.23215, 73.76288 | Pterocles orientalis | 5 | |
| 10.05.2025 | 44.23215, 73.76288 | Buteo rufinus | 1 | |
| 10.05.2025 | 43.96009, 73.59905 | Tadorna ferruginea | 3 | |
| 10.05.2025 | 43.96009, 73.59905 | Burhinus oedicephalus | 1 | |
| 10.05.2025 | 43.96009, 73.59905 | Tachypiza badia | 1 | |
| 10.05.2025 | 43.96009, 73.59905 | Corvus frugilegus | 2 | |
| 10.05.2025 | 44.14360, 73.71034 | Buteo rufinus | 1 | |
| 16.04.2025 | 44.61017, 73.49243 | Glycyhalys | 1 | |
| 09.05.2025 | 44.552975, 73.5529472222 | Elaphe dione | 1 | |
| 10.05.2025 | 44.3610415601, 73.713351063 | Eremias velox | 1 | |
| 11.05.2025 | 43.9552111111, 73.6041805556 | Eremias velox | 1 | |
| 16.04.2025 | 44.6601458658, 73.5463102821 | Meriones libycus | 5 | |
| 16.04.2025 | 44.5566347073, 73.5548057305 | Allactaga major | 1 | |
| 18.04.2025 | 44.53935, 73.64315 | Meriones libycus | 2 | |
| 08.05.2025 | 44.6129722222, 73.4950027778 | Ellobius tancrei | 1 | |
| 10.05.2025 | 44.3791527141, 73.7143261496 | Spermophilus fulvus | 1 | |

Annex 3.4 Transect observations in March 2025 – May 2025

| Transect Name | Date | Start time | Transect Length (km) | Transect Time (min) | Species (in order of detection) | Count | Age/Sex | Other information |
|---------------|------------|------------|----------------------|---------------------|---------------------------------|-------|---------|-------------------|
| M03 | 12.04.2025 | 12:01 | 1,7 | 30 | — | — | — | — |

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|----------|------------|-------|-----|----|---------------------|------|--------------|------|
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | adult | 10 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | juvenile | 1 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | adult male | 1 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | adult male | 1 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | adult male | 1 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | adult female | 12 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Testudo horsfieldi | 1 | adult female | 4 m |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Alectoris chukar | 1 | | |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Upupa epops | 1 | | |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Oenanthe oenanthe | 1 | | |
| M21 | 13.04.2025 | 9:39 | 0,9 | 30 | Oenanthe pleschanka | 5 | | |
| M16 | 14.04.2025 | 11:01 | 0,9 | 30 | Corvus ruficollis | 1 | | |
| M16 | 14.04.2025 | 11:01 | 0,9 | 30 | Alauda arvensis | Nest | | |
| M07 | 16.04.2025 | 10:59 | 1,7 | 30 | Testudo horsfieldi | 1 | adult male | 2 m |
| M07 | 16.04.2025 | 10:59 | 1,7 | 30 | Testudo horsfieldi | 1 | adult female | 10 m |
| M07 | 16.04.2025 | 10:59 | 1,7 | 30 | Testudo horsfieldi | 1 | adult female | 1 m |
| M07 | 16.04.2025 | 10:59 | 1,7 | 30 | Gloydus caraganus | 1 | | |
| M07 | 16.04.2025 | 10:59 | 1,7 | 30 | Alauda arvensis | Nest | | |
| M05 | 17.04.2025 | 12:00 | 0,6 | 30 | Testudo horsfieldi | 1 | adult male | 5 m |
| M05 | 17.04.2025 | 12:00 | 0,6 | 30 | Testudo horsfieldi | 1 | adult female | 10 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | juvenile | 5 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | adult female | 10 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | adult female | 10 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | juvenile | 20 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | adult female | 10 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | juvenile | 5 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | adult male | 5 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | adult female | 10 m |
| OHL_VP_3 | 18.04.2025 | 11:50 | 1,3 | 30 | Testudo horsfieldi | 1 | adult male | 10 m |
| OHL_VP_4 | 19.04.2025 | 13:31 | 0,5 | 30 | — | — | — | — |
| M01 | 12.04.2025 | 11:41 | 0,9 | 30 | Grus sp. | 38 | | |

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|-----|------------|-------|-----|----|---------------------|------|-----------------|-----|
| M01 | 12.04.2025 | 11:41 | 0,9 | 30 | Oenanthe oenanthe | 2 | Male and female | |
| M01 | 12.04.2025 | 11:41 | 0,9 | 30 | Alaudidae | 3 | | |
| M01 | 12.04.2025 | 11:41 | 0,9 | 30 | Alaudidae | 2 | | |
| M01 | 12.04.2025 | 11:41 | 0,9 | 30 | Milvus migrans | 1 | | |
| M01 | 12.04.2025 | 11:41 | 0,9 | 30 | Eremias arguta | 1 | | |
| M19 | 13.04.2025 | 11:11 | 0,8 | 30 | Alaudidae | 4 | | |
| M19 | 13.04.2025 | 11:11 | 0,8 | 30 | Curruca nana | 1 | | |
| M19 | 13.04.2025 | 11:11 | 0,8 | 30 | Oenanthe pleschanka | 1 | Male | |
| M19 | 13.04.2025 | 11:11 | 0,8 | 30 | Oenanthe deserti | 1 | Male | |
| M19 | 13.04.2025 | 11:11 | 0,8 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| M19 | 13.04.2025 | 11:11 | 0,8 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Testudo horsfieldi | 1 | Juvenile | 1 m |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Oenanthe oenanthe | 1 | Male | |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Oenanthe oenanthe | 1 | Female | |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Alaudidae | 2 | | |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Alaudidae | Nest | | |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Testudo horsfieldi | 1 | juvenile | 1 m |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Eremias arguta | 1 | | |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| M14 | 14.04.2025 | 11:01 | 1,5 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| P17 | 18.04.2025 | 13:31 | 2,1 | 30 | Alaudidae | 1 | | |
| P17 | 18.04.2025 | 13:31 | 2,1 | 30 | Alaudidae | 4 | | |
| P17 | 18.04.2025 | 13:31 | 2,1 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| P17 | 18.04.2025 | 13:31 | 2,1 | 30 | Oenanthe oenanthe | 1 | | |
| P17 | 18.04.2025 | 13:31 | 2,1 | 30 | Alaudidae | 3 | | |
| P17 | 18.04.2025 | 13:31 | 2,1 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| M06 | 16.04.2025 | 11:51 | 1,4 | 30 | Alaudidae | 1 | | |
| M06 | 16.04.2025 | 11:51 | 1,4 | 30 | Alaudidae | 2 | | |
| M06 | 16.04.2025 | 11:51 | 1,4 | 30 | Alaudidae | 8 | | |

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|----------|------------|-------|-----|----|---------------------------|------|----------|------|
| M06 | 16.04.2025 | 11:51 | 1,4 | 30 | Alaudidae | Nest | | |
| M06 | 16.04.2025 | 11:51 | 1,4 | 30 | Curruca nana | 1 | | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Alaudidae | 2 | | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Oenanthe deserti | 1 | Male | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Oenanthe oenanthe | 1 | Male | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Testudo horsfieldi | 1 | Juvenile | 1 m |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Alaudidae | 1 | | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Oenanthe pleschanka | 1 | Male | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Upupa epops | 1 | | |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| OHL_VP_8 | 21.04.2025 | 12:01 | 0,6 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Curruca nana | 1 | | |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Alaudidae | 1 | | |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Alaudidae | 2 | | |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Testudo horsfieldi | 1 | Adult | 1 m |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Alaudidae | 3 | | |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Oenanthe oenanthe | 2 | Male | |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Oenanthe oenanthe | 1 | Female | |
| OHL_VP_7 | 17.04.2025 | 11:31 | 2 | 30 | Alaudidae | 1 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Saxicola rubicola | 3 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Buteo rufinus | 1 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Anthus campestris | 1 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Calandrella brachydactyla | 3 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Corvus ruficollis | 1 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Melanocorypha calandra | 10 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Alauda arvensis | 10 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Lacertilia | 3 | | |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Testudo horsfieldi | 1 | | 10 m |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Testudo horsfieldi | 1 | | 10 m |
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Testudo horsfieldi | 1 | | 10 m |

| | | | | | | | | |
|----------|------------|-------|-----|----|------------------------|----|---------------------------|------|
| OHL_VP_1 | 18.04.2025 | 11:01 | 0,6 | 30 | Testudo horsfieldi | 1 | | 10 m |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Melanocorypha calandra | 3 | | |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Alauda arvensis | 4 | | |
| OHL_VP_3 | 17.04.2025 | 14:50 | 0,6 | 30 | Corvus ruficollis | 2 | | |
| OHL_VP_6 | 16.04.2025 | 15:30 | 0,8 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_6 | 16.04.2025 | 15:30 | 0,8 | 30 | Melanocorypha calandra | 8 | | |
| OHL_VP_6 | 16.04.2025 | 15:30 | 0,8 | 30 | Alauda arvensis | 4 | | |
| OHL_VP_6 | 16.04.2025 | 15:30 | 0,8 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_6 | 16.04.2025 | 15:30 | 0,8 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M32 | 16.04.2025 | 11:41 | 0,9 | 30 | Curruca nana | 1 | | |
| M32 | 16.04.2025 | 11:41 | 0,9 | 30 | Oenanthe deserti | 2 | | |
| M32 | 16.04.2025 | 11:41 | 0,9 | 30 | Melanocorypha calandra | 10 | | |
| M32 | 16.04.2025 | 11:41 | 0,9 | 30 | Alauda arvensis | 6 | | |
| M32 | 16.04.2025 | 11:41 | 0,9 | 30 | Lepus tolai | 1 | | |
| M20 | 13.04.2025 | 9:31 | 1 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M20 | 13.04.2025 | 9:31 | 1 | 30 | Melanocorypha calandra | 12 | | |
| M20 | 13.04.2025 | 9:31 | 1 | 30 | Alauda arvensis | 6 | | |
| M20 | 13.04.2025 | 9:31 | 1 | 30 | Tetrax tetrax | 1 | | |
| M20 | 13.04.2025 | 9:31 | 1 | 30 | Oenanthe isabellina | 3 | | |
| M20 | 13.04.2025 | 9:31 | 1 | 30 | Gazella subgutturosa | 3 | 2 juvenile 1 adult female | |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Oenanthe isabellina | 1 | | |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Oenanthe isabellina | 1 | | |

| | | | | | | | | |
|----------|------------|-------|-----|----|------------------------|------|--|-----|
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Oenanthe isabellina | 3 | | |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Melanocorypha calandra | 3 | | |
| M15 | 14.04.2025 | 12:01 | 1 | 30 | Alauda arvensis | 3 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Pterocles orientalis | 2 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Curruca nana | 1 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Anthus campestris | 2 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Oenanthe deserti | 2 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Melanocorypha calandra | 5 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Alauda arvensis | 2 | | |
| X04 | 15.04.2025 | 11:16 | 0,6 | 30 | Oenanthe pleschanka | 1 | | |
| OHL_VP_5 | 19.04.2025 | 13:31 | 0,6 | 30 | Alaudidae | 4 | | |
| OHL_VP_5 | 19.04.2025 | 13:31 | 0,6 | 30 | Alaudidae | 2 | | |
| OHL_VP_5 | 19.04.2025 | 13:31 | 0,6 | 30 | Oenanthe | 2 | | |
| OHL_VP_5 | 19.04.2025 | 13:31 | 0,6 | 30 | Oenanthe | 1 | | |
| OHL_VP_2 | 18.04.2025 | 11:26 | 0,9 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_2 | 18.04.2025 | 11:26 | 0,9 | 30 | Alaudidae | 4 | | |
| OHL_VP_2 | 18.04.2025 | 11:26 | 0,9 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_2 | 18.04.2025 | 11:26 | 0,9 | 30 | Oenanthe | 6 | | |
| OHL_VP_2 | 18.04.2025 | 11:26 | 0,9 | 30 | Testudo horsfieldi | 1 | | 1 m |
| OHL_VP_2 | 18.04.2025 | 11:26 | 0,9 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M10 | 16.04.2025 | 11:21 | 0,6 | 30 | Alaudidae | 8 | | |
| M10 | 16.04.2025 | 11:21 | 0,6 | 30 | Alaudidae | Nest | | |
| M10 | 16.04.2025 | 11:21 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M10 | 16.04.2025 | 11:21 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M10 | 16.04.2025 | 11:21 | 0,6 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M22 | 13.04.2025 | 14:30 | 0,7 | 30 | Oenanthe | 4 | | |
| M22 | 13.04.2025 | 14:30 | 0,7 | 30 | Alaudidae | 3 | | |
| M22 | 13.04.2025 | 14:30 | 0,7 | 30 | Alaudidae | 7 | | |
| M22 | 13.04.2025 | 14:30 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| P02 | 14.04.2025 | 11:21 | 0,6 | 30 | Alaudidae | 1 | | |

| | | | | | | | | |
|-----|------------|-------|-----|----|--------------------|------|--|-----|
| P02 | 14.04.2025 | 11:21 | 0,6 | 30 | Alaudidae | 14 | | |
| P02 | 14.04.2025 | 11:21 | 0,6 | 30 | Alaudidae | 2 | | |
| P02 | 14.04.2025 | 11:21 | 0,6 | 30 | Oenanthe | 3 | | |
| P02 | 14.04.2025 | 11:21 | 0,6 | 30 | Alaudidae | Nest | | |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Oenanthe | 1 | | |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Oenanthe | 1 | | |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Alaudidae | 11 | | |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Testudo horsfieldi | 1 | | 1 m |
| M12 | 15.04.2025 | 11:11 | 0,7 | 30 | Alaudidae | Nest | | |

Annex 3.5 Observations during nest count in March 2025 – May 2025

| Start coordinates | Date | Species | Count | Age/Sex | Other information |
|---------------------|------------|----------------------|-------|---------|-------------------|
| N44.61274 E73.38913 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.61274 E73.38913 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.61274 E73.38913 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.56225 E73.46029 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.56225 E73.46029 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.56225 E73.46029 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.56225 E73.46029 | 19.04.2025 | Lanius meridionalis | 1 | | |
| N44.58645 E73.43401 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.58645 E73.43401 | 19.04.2025 | Eremophila alpestris | 5 | | |
| N44.58645 E73.43401 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.58645 E73.43401 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |

| | | | | | |
|---------------------|------------|----------------------------|---|--|-----|
| N44.60703 E73.38114 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.60931 E73.48268 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.60931 E73.48268 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.60931 E73.48268 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.60931 E73.48268 | 19.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.60931 E73.48268 | 19.04.2025 | Gazella subgutturosa | 2 | | |
| N44.76148 E73.30993 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.76148 E73.30993 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.76148 E73.30993 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.76148 E73.30993 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.76148 E73.30993 | 20.04.2025 | Lanius meridionalis | 2 | | |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.83241 E73.25511 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Lanius meridionalis | 1 | | |
| N44.84254 E73.23304 | 20.04.2025 | Lanius meridionalis | 1 | | |
| N44.84254 E73.23304 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Testudo horsfieldi | 1 | | 1 m |
| N44.84254 E73.23304 | 20.04.2025 | Gazella subgutturosa | 3 | | |
| N44.84254 E73.23304 | 20.04.2025 | Phrynocephalus helioscopus | 1 | | |
| N44.84254 E73.23304 | 20.04.2025 | Anthus trivialis | 1 | | |
| N44.84254 E73.23304 | 20.04.2025 | Circus pygargus | 1 | | |

| | | | | | |
|---------------------|------------|---------------------|---|--|---------------------------------|
| N44.84254 E73.23304 | 20.04.2025 | Coturnix coturnix | 2 | | |
| N44.84254 E73.23304 | 20.04.2025 | Phasianus colchicus | 1 | | Voice |
| N44.84254 E73.23304 | 20.04.2025 | Eryx tataricus | 1 | | In the nest (Circetus gallicus) |
| N44.84254 E73.23304 | 20.04.2025 | Gloydus halys | 1 | | In the nest (Circetus gallicus) |

Annex 3.6 Nest count in March 2025 – May 2025

| Date | Coordinates | Species | Description (ENG) | Description (RUS) |
|------------|--------------------------|-------------------|---|---|
| 19.04.2025 | 44.579127° 73.475887° | Buteo rufinus | Old nest, 1 m above the ground (falling down) | Старое гнездо курганника на скасауле, 1 м от земли (сползло) |
| 19.04.2025 | 44.610631° 73.374448° | Buteo rufinus | Uninhabited nest, 3 m above the ground on a saxaul tree | Нежилое гнездо курганника, 3м от земли на саксауле |
| 19.04.2025 | 44.609716° 73.482058° | Buteo rufinus | A half-ruined nest on a saxaul tree 2 m above the ground | Полуразрушенное гнездо на саксауле 2 м от земли |
| 19.04.2025 | 44.758364° 73.306679° | Buteo rufinus | A destroyed nest, 2 meters above the ground on a skasaul | Разрушенное гнездо курганника, 2м от земли на скасауле |
| 19.04.2025 | 44.756532° 73.303742° | Buteo rufinus | Uninhabited old nest, 2 m above the ground on a saxaul tree | Нежилое старое, 2 м от земли на саксауле |
| 19.04.2025 | 44.767394° 73.229949° | Buteo rufinus | An old uninhabited nest by the road, 2.5 m above the ground. | Старое нежилое гнездо курганника у дороги, 2,5 м от земли |
| 19.04.2025 | 44.767471° 73.230134° | Buteo rufinus | Old uninhabited nest 2.5 m from the ground saxaul tree | Старое нежилое гнездо курганника на саксауле 2.5 м |
| 19.04.2025 | 44.824065° 73.251654° | Buteo rufinus | Old nest, uninhabited, saxaul 3 m above the ground, 1 m from the top | Старое гнездо курганника, нежилое, саксаул выс от земли 3 м, 1м от верха |
| 19.04.2025 | 44.824357° 73.251987° | Buteo rufinus | Old nest on a saxaul tree, uninhabited, 2.5 m above the ground, 1 m from the top. | Старое гнездо курганника на саксауле, нежилое, выс 2.5 от земли 1м от верха |
| 19.04.2025 | 44.485073° 73.652692° | Buteo rufinus | Uninhabited nest of the curlew on the top of a saxaul tree on the roadside | Нежилое гнездо курганника на вершине саксаула на обочине дороги |
| 19.04.2025 | 44.484057° 73.650839° | Buteo rufinus | Old nest on a saxaul tree | Старое гнездо курганника на саксауле |
| 19.04.2025 | 44.483328° 73.649938° | Buteo rufinus | The nesting site on the saxaul tree, 4 eggs in the clutch | Жилое гнездо курганника на саксауле, 4 яйца в кладке |
| 19.04.2025 | 44.470167° 73.630915° | Buteo rufinus | Old nest on a saxaul tree | Старое гнездо курганника на саксауле |
| 19.04.2025 | 44.521820° 73.528380° | Aquila chrysaetos | An old nest on a rock ledge, with fresh turtle shells broken by the bird. | Старое гнездо беркута на полке скалы, есть свежие черепахи разбитые птицей |
| 19.04.2025 | 44.512290° 73.542540° | Aquila chrysaetos | An old nest on a rock ledge, on a cliff. At a height of 2 m, 3 m from the top. | Старое гнездо беркута на полке скалы, на скале. На высоте 2м в 3 м от верха |
| 19.04.2025 | 44.524437° 73.510625° | Aquila chrysaetos | Old nest on a cliff on a shelf | Старое гнездо беркута на скале на полке |
| 19.04.2025 | 44.543820° 73.476280° | Aquila nipalensis | An old nest at a height of 2.5 m, 3 m from the top. | Старое гнездо степного орла на высоте 2,5 м в 3 м от верха |
| 19.04.2025 | 44.566186° 73.456182° | Buteo rufinus | Old nest of on a rock in a semi-niche at a height of 10 m, 2 m from the top. | Старое гнездо курганника на скале в полунише на высоте 10 м в 2 м от верха |

| | | | | |
|------------|--------------------------|--------------------|---|---|
| 19.04.2025 | 44.563770° 73.459240° | Buteo rufinus | An old nest on a rock ledge at a height of 5 m, 5 m from the top. | Старое гнездо курганника на полке скалы на высоте 5м в 5 м от верха |
| 19.04.2025 | 44.562570° 73.459910° | Buteo rufinus | An old collapsed nest on a rock shelf at a height of 1.5 m, 1.5 m from the top. | Старое развал гнездо курганника на полке скалы на высоте 1,5 м в 1,5 м от верха |
| 19.04.2025 | 44.588305° 73.431541° | Aquila chrysaetos | An old nest on a rock ledge 2 m high, 2 m from the top of the mountain. | Старое гнездо беркута на скале на полке на высоте 2 м в 2 м от верха в верхней части горы |
| 19.04.2025 | 44.610375° 73.484045° | Buteo rufinus | Old nest on a saxaul tree at a height of 2 m, 0.5 m from the top | Старое гнездо курганника на саксауле на высоте 2 м в 0,5 м от верха |
| 19.04.2025 | 44.610437° 73.485095° | Buteo rufinus | Old nest on a saxaul tree at a height of 2 m, 0.7 m from the top. Female on the nest. | Старое гнездо курганника на саксауле на высоте 2 м в 0,7 м от верха. самка на гнезде |
| 19.04.2025 | 44.605100° 73.379630° | Aquila chrysaetos | An old nest in a rock niche in the upper third of the cliff, 8 m high and 3 m from the top. | Старое гнездо беркута в полунише на скале в верхней трети на выс 8 м в 3 м от верха |
| 19.04.2025 | 44.607440° 73.392750° | Aquila chrysaetos | Old nest in a niche in the lower third of the rock, 3 m and 6 m | Старое гнездо беркута в нише в нижней трети скалы 3 м и 6 м |
| 19.04.2025 | 44.586773° 73.416735° | Aquila chrysaetos | An old nest in a rock niche at a height of 3 m, 7 m from the top in the upper third of the mountain. | Старое гнездо беркута в нише скалы на высоте 3 м в 7 м от верха в верхней трети горы |
| 19.04.2025 | 44.747335° 73.275928° | Aquila nipalensis | An old nest on top of a rock at the upper third of a hill, height 0.2 m | Старое гнездо степного орла на вершине скалы выхода верхней трети сопки, высота 0.2 м |
| 19.04.2025 | 44.747769° 73.275365° | Aquila nipalensis | An old nest in the upper third of the cliff at a height of 3 m, 1 m from the top sk in the upper third of the slope of the ravine | Старое гнездо степного орла в верхней трети скалы на высоте 3 м в 1 м от верха ск в верхней трети склона лога |
| 19.04.2025 | 44.755498° 73.301413° | Buteo rufinus | An old nest, 2 m high on a saxaul tree, 0.8 m from the top. | Старое гнездо курганника высотой на саксауле выс 2 м в 0.8 м от верха |
| 19.04.2025 | 44.756543° 73.303632° | Buteo rufinus | Old nest on a saxaul tree | Старое гнездо курганника на саксауле |
| 19.04.2025 | 44.757404° 73.305860° | Buteo rufinus | Old nest on a saxaul tree at a height of 2 m, 1 m from the top. | Старое гнездо курганника на саксауле на высоте высоте 2 м в 1 м от верха |
| 20.04.2025 | 44.843847° 73.227475° | Buteo rufinus | Old uninhabited nest, height 4 m, 1 m from the crown | Старое нежилое гнездо курганника, выс 4 м, от кроны 1м |
| 20.04.2025 | 44.844236° 73.234759° | Buteo rufinus | A partially destroyed nest on a saxaul tree, 2 m above the ground, 2 m from the top. | Полуразрушенное гнездо курганника на саксауле, высота над землёй 2м, от верха 2м |
| 20.04.2025 | 44.844596° 73.235213° | Circaetus gallicus | A nest on a saxaul tree, 3.5 m above the ground, 0.5 m from the crown, 1 egg in the clutch, 2 snakes (photo) | Жилое гнездо змеяда на саксауле, от земли 3.5 м от кроны 0.5 м, 1 яйцо в кладке, 2 змеи (фото) |
| 20.04.2025 | 44.839851° 73.240208° | Buteo rufinus | Old uninhabited nest on a saxaul tree, 3 m above the ground, 0.5 m from the crown. | Старое нежилое гнездо курганника на саксауле, выс 3 м от земли, 0.5 м от кроны |
| 20.04.2025 | 44.834035° 73.259408° | Buteo rufinus | Old uninhabited nest on a saxaul tree, height 2 m, 0.5 m from the crown. | Старое нежилое гнездо курганника на саксауле, выс 2м , от кроны 0.5 м |
| 20.04.2025 | 44.831453° 73.258472° | Buteo rufinus | An old uninhabited nest on a saxaul tree, 5 m above the ground, in the crown at the top. | Старое нежилое гнездо на саксауле, высота 5м над землёй, в кроне на верхушке |
| 20.04.2025 | 44.377810° 73.714490° | Aquila chrysaetos | Old uninhabited nest on power line, 30 m, 5 m from top | Старое нежилое гнездо на ЛЭП, 30 м, 5 м от верха |
| 20.04.2025 | 44.438450° 73.713860° | Buteo rufinus | Uninhabited nest on a saxaul tree, 3 m above the ground, 0.5 m from the top. | Нежилое гнездо курганника на саксауле, 3м от земли 0.5 от верха |
| 20.04.2025 | 44.531930° 73.541520° | Buteo rufinus | The nesting site on a saxaul tree, 2.5 meters above the ground. | Жилое гнездо курганника на саксауле, 2.5 метра от земли |
| 20.04.2025 | 44.757631° 73.306200° | Buteo rufinus | An old, dilapidated nest on a saxaul tree at a height of 2.5 m and 1 m from the top. | Старое разваливающееся гнездо курганника на саксауле на высоте 2,5м и в 1 м от верха |
| 20.04.2025 | 44.611972° 73.371707° | Buteo rufinus | Old nest on a saxaul tree at a height of 1.5 m, 0.4 m from the top. | Старое гнездо курганника на саксауле на высоте 1,5м в 0,4 м от верха |

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|------------|--------------------------|---------------|---|--|
| 20.04.2025 | 44.762500° 73.214980° | Unidentified | On the hill, an old nest right on the ground behind a bush | На сопке старое гнездо прямо на земле за кустом |
| 20.04.2025 | 44.767727° 73.231399° | Buteo rufinus | Old nest on a saxaul tree | Старое гнездо курганника на саксауле |
| 20.04.2025 | 44.720537° 73.413448° | Pica Pica | Old nest, 1.5 m above the ground on a non-inhabited saxaul tree, 0.5 m from the top | Старое гнездо сороки, 1.5 м от земли на саксаул нежилое, 0.5 м от верха |
| 21.04.2025 | 44.682381° 73.431128° | Buteo rufinus | Old uninhabited nest on a saxaul tree, 1.5 m above the ground, 0.5 m from the top | Старое нежилое гнездо курганника на саксауле, выс от земли 1.5 м, от верха 0.5 м |
| 21.04.2025 | 44.576697° 73.635605° | Buteo rufinus | The nest, inhabited, on a saxaul tree at a height of 2 m. The female is sitting on the nest. | Гнездо курганника, жилое, на саксауле на высоте 2м. Самка сидит на гнезде |
| 21.04.2025 | 44.578957° 73.631898° | Buteo rufinus | Nest, uninhabited, this year's branches | Гнездо курганника, нежилое, ветки этого года |
| 21.04.2025 | 44.597937° 73.540540° | Buteo rufinus | An old, half-collapsed nest on a saxaul tree at a height of 1.5 m. | Старое полуобвалившееся гнездо курганника на саксауле на высоте 1,5м |
| 21.04.2025 | 44.598383° 73.543755° | Buteo rufinus | The nest is inhabited, located on a saxaul tree at a height of 2 m. Three eggs, a pair circling in the air. | Гнездо курганника жилое, на саксауле на высоте 2м. 3 яйца, пара кружит в воздухе |
| 21.04.2025 | 44.622248° 73.535988° | Buteo rufinus | The nest is uninhabited, located on a saxaul tree at a height of 2 m. | Гнездо курганника нежилое, на саксауле на высоте 2м |
| 21.04.2025 | 44.635477° 73.507377° | Buteo rufinus | A nest, uninhabited, saxaul, height 2 m | Гнездо курганника, нежилое, саксаул, высота 2м |
| 21.04.2025 | 44.648567° 73.477495° | Buteo rufinus | A nest, inhabited, on a saxaul tree at a height of 3.5 m. Four eggs. The bird is nearby. | Гнездо курганника, жилое, на саксауле на высоте 3,5м. 4 яйца. Птица рядом |
| 21.04.2025 | 44.648812° 73.479173° | Buteo rufinus | A nest, uninhabited, old, on a saxaul tree at a height of 3 m. | Гнездо курганника, нежилое, старое, на саксауле на высоте 3м |
| 21.04.2025 | 44.648106° 73.477129° | Buteo rufinus | A nest, uninhabited, on a saxaul tree at a height of 3 m. | Гнездо курганника, нежилое, на саксауле на высоте 3м |
| 21.04.2025 | 44.611652° 73.509282° | Buteo rufinus | A nest, uninhabited, on a saxaul tree at a height of 2 m. | Гнездо курганника, нежилое, на саксауле на высоте 2м |
| 21.04.2025 | 44.611970° 73.512733° | Unidentified | The nest is small, empty, on the remains of a saxaul tree, at a height of 2 m. | Гнездо небольшое, пустое, на остатке саксаула, на высоте 2м |
| 21.04.2025 | 44.610293° 73.514580° | Buteo rufinus | Nest, uninhabited, on a saxaul tree at a height of 2 m | Гнездо, курганника, нежилое, на саксауле на высоте 2м |
| 21.04.2025 | 44.609368° 73.516652° | Buteo rufinus | An old, uninhabited nest on a saxaul tree at a height of 2 m. | Гнездо курганника, старое, нежилое, на саксауле на высоте 2м |
| 21.04.2025 | 44.607935° 73.519818° | Buteo rufinus | A nest, uninhabited, on a saxaul tree at a height of 2.5 m. | Гнездо курганника, нежилое, на саксауле на высоте 2,5м |
| 21.04.2025 | 44.608643° 73.520518° | Buteo rufinus | A nest, uninhabited, on a saxaul tree at a height of 2 m. | Гнездо курганника, нежилое, на саксауле на высоте 2м |
| 21.04.2025 | 44.608680° 73.521315° | Buteo rufinus | A nest, uninhabited, on a saxaul tree at a height of 1.5 m. | Гнездо курганника, нежилое, на саксауле на высоте 1,5м |
| 21.04.2025 | 44.603368° 73.572790° | Buteo rufinus | A nest, inhabited, on a saxaul tree at a height of 3 m. Five eggs, a pair of birds nearby. | Гнездо курганника, жилое, на саксауле на высоте 3м. 5 яиц, пара птиц рядом |

Annex 4.1 Observations with vantage points in June-August 2025, Project area

| Point № | Date | Time | Temperature | Wind speed, m/s | Wind direction | Cloudiness, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m), m.s | Band 2 (20-200 m), m.s | Band 3 (>200 m), m.s | Note |
|---------|------|------|-------------|-----------------|----------------|---------------|---------|------------|----------------|------------------|------------------|---------------------|------------------------|----------------------|------|
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| M01 | 06.08.2 025 | 14.00- 17.00 | 28 | 4 | E | 0 | Aquila sp. | 1 | 14.03 | 30 | NE | | 00.32 | | 500 m 247 |
| M01 | 06.08.2 025 | 14.00- 17.00 | 28 | 4 | E | 0 | Pterocles orientalis | 5 | 14.48 | 2 | N | 00.15 | | | on the point |
| M01 | 06.08.2 025 | 14.00- 17.00 | 28 | 4 | E | 0 | Pterocles orientalis | 3 | 16.16 | 1 | N | 01.27 | | | 700 m 347 |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Pterocles orientalis | 10 | 07.47 | 40 | SW | | 00.28 | | 200 m 239 |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Pterocles orientalis | 1 | 07.49 | 12 | E | 00.21 | | | 300 m 104 |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Pterocles orientalis | 1 | 08.03 | 1 | E | 00.22 | | | 400 m 114 |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Pterocles orientalis | 5 | 08.09 | 15 | W | 00.41 | | | 600 m 273 |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Aquila sp. | 1 | 08.22 | 150 | | | | | 1200 m |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Pterocles orientalis | 2 | 08.23 | 15 | S | 00.24 | | | 700 m 170 |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Aquila sp. | 1 | 08.41 | 160 | N | | 04.47 | | 180 m |
| M01 | 07.08.2 025 | 07.45- 10.45 | 20 | 3 | E | 0 | Buteo rufinus | 1 | 09.49 | 180 | NE | | 03.43 | | 500 m 215 |
| M01 | 18.07.2 025 | 17.00- 20.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M01 | 19.07.2 025 | 07.00- 10.00 | 28 | 4.5 | SSW | 0 | Pterocles orientalis | 2 | 07.00 | 20-50 | NNE | | 0.18 | | 500 m/ 201 |
| M01 | 15.06.2 025 | 07.05- 10.05 | 29 | 3.9 | S | 5 | Pterocles orientalis | 1 | 08.04 | 5 | SW | 0.34 | | | 30 m/ 227 |
| M01 | 20.06.2 025 | 14.45- 17.45 | 39 | 3.7 | W | 65 | Pterocles orientalis | 1 | 17.28 | 4 | SSE | 0.17 | | | on the point |
| M02 | 05.08.2 025 | 16.15- 19.15 | 28 | 6 | S | 0 | Buteo rufinus | 1 | 16.12 | 50 | NE | | 04.08 | | 50 m 30 |
| M02 | 06.08.2 025 | 08.28- 11.28 | 27 | 9 | SW | 0 | Pterocles orientalis | 3 | 08.28 | 100 | NE | | 00.05 | | 100 m 60 |
| M02 | 18.07.2 025 | 15.50- 18.50 | 36 | 4.8 | NE | 0 | Circaetus gallicus | 1 | 18.09 | 150-200 | N | | 08.14 | | 1500 m/ 10 |
| M02 | 19.07.2 025 | 07.15- 10.15 | 31 | 3.1 | SW | 5 | Pterocles orientalis | 1 | 07.40 | 20-50 | NNE | | 0.24 | | 200 m/ 100 |
| M02 | 19.07.2 025 | 07.15- 10.15 | 33 | 2.7 | SW | 5 | Pterocles orientalis | 5 | 07.58 | 20-50 | NW | | 0.12 | | 300 m/ 315 |
| M02 | 19.07.2 025 | 07.15- 10.15 | 34 | 2.7 | SW | 5 | Pterocles orientalis | 1 | 08.17 | 20-50 | S | | 0.16 | | 500 m/ 90 |
| M02 | 15.06.2 025 | 07.15- 10.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M02 | 20.06.2 025 | 14.45- 17.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M03 | 05.08.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |

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|-----|----------------|-----------------|----|-----|----|----|-------------------------|----|-------|-------|--------|-------|-------|---|------------------|
| M03 | 06.08.2 025 | 07.30- 10.30 | 25 | 4 | NE | 10 | Aquila heliaca | 1 | 07.35 | 100 | WE | | 03.22 | | 500 m NE 30 |
| M03 | 06.08.2 025 | 07.30- 10.30 | 25 | 4 | NE | 10 | Pterocles orientalis | 5 | 07.41 | 500 | E | 00.15 | | | 100 m N 355 |
| M03 | 06.08.2 025 | 07.30- 10.30 | 25 | 4 | NE | 10 | Pterocles orientalis | 2 | 07.53 | 5 | circle | 00.10 | | | 200 m N 350 |
| M03 | 06.08.2 025 | 07.30- 10.30 | 25 | 4 | NE | 10 | Circaetus gallicus | 1 | 08.59 | 150 | | | 07.04 | | 200 m E 110 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 32 | 2.2 | E | 0 | Pterocles orientalis | 4 | 07.02 | 5 | SW-N | 0.41 | | | 100 m/ 220 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 33 | 2 | E | 0 | Pterocles orientalis | 2 | 07.05 | 5 | SW-NE | 0.22 | | | 50 m/ 243 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 33 | 2 | E | 0 | Pterocles orientalis | 1 | 07.08 | 12 | N-S | 0.19 | | | 120 m/ 13 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 33 | 2 | E | 0 | Larus sp. | 20 | 07.12 | 30 | E-W | | 2.20 | | 40 m/ 102 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 33 | 2 | E | 0 | Pterocles orientalis | 1 | 07.27 | 20 | N-SW | 0.23 | | | 250 m/ 254 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 33 | 2 | E | 0 | Pterocles orientalis | 2 | 07.38 | 30 | SW-NE | | 0.57 | | 120 m/ 237 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 33 | 2 | E | 0 | Falco tinnunculus | 1 | 08.00 | 140 | W-NW | | 1.43 | | 20 m/ 240 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 35 | 2 | E | 0 | Falco tinnunculus | 1 | 08.37 | 150 | NE-SW | | 2.00 | | 700 m/ 316 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 36 | 2 | E | 0 | Pterocles orientalis | 1 | 08.51 | 40 | N-W | 0,42 | | | 1000 m/ 232 |
| M03 | 19.07.2 025 | 07.00- 10.00 | 37 | 2 | E | 0 | Pterocles orientalis | 2 | 09.50 | 20 | N | 0,30 | | | 200 m/ 250 |
| M03 | 18.07.2 025 | 16.45- 19.45 | 38 | 5.2 | N | 0 | Pterocles orientalis | 1 | 16.46 | 3 | N-E | 0.22 | | | 5 m/ 101 |
| M03 | 18.07.2 025 | 16.45- 19.45 | 36 | 4 | N | 0 | Circaetus gallicus | 1 | 17.57 | 40 | N-NE | | 3.42 | | 1000 m/ 329 |
| M03 | 18.07.2 025 | 16.45- 19.45 | 36 | 4,7 | N | 0 | Pterocles orientalis | 1 | 18.13 | 50 | S-N | | 01.12 | | 400 m/ 13 |
| M03 | 18.07.2 025 | 16.45- 19.45 | 36 | 4 | N | 0 | Buteo rufinus | 1 | 18.29 | 70 | S-NE | | 03.47 | | 200 m/ 59 |
| M03 | 18.07.2 025 | 16.45- 19.45 | 36 | 4.1 | N | 0 | Pterocles orientalis | 1 | 18.35 | 30 | W-E | | 0.42 | | 200 m/ 15 |
| M03 | 18.07.2 025 | 16.45- 19.45 | 36 | 4 | N | 0 | Pterocles orientalis | 2 | 18.54 | 7 | NE-SE | 0.20 | | | 800 m/ 145 |
| M03 | 20.06.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M03 | 15.06.2 025 | 07.30- 09.30 | 28 | 4.7 | S | 5 | Pterocles orientalis | 1 | 07.50 | 20-30 | SE | | 0.40 | | 200 m/ 65 |
| M03 | 15.06.2 025 | 07.30- 09.30 | 29 | 4.7 | S | 5 | Pterocles orientalis | 1 | 08.07 | 30-50 | SE | | 0.22 | | 100 m/ 25 |
| M03 | 15.06.2 025 | 07.30- 09.30 | 30 | 5.2 | S | 5 | Pterocles orientalis | 1 | 08.30 | 30-50 | NE | | 0.28 | | 300 m/ 315 |

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| M04 | 05.08.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — |
| M04 | 06.08.2 025 | 07.20- 08.00 | 20 | 4 | NE | 0 | Pterocles orientalis | 2 | 07.22 | 10 | E | 00.07 | 00.21 | 100 m 175 |
| M04 | 06.08.2 025 | 07.20- 08.00 | 21 | 4 | NE | 0 | Pterocles orientalis | 3 | 07.41 | 20 | SE | | 00.49 | on the point |
| M04 | 06.08.2 025 | 07.20- 08.00 | 21 | 4 | NE | 0 | Pterocles orientalis | 6 | 07.54 | 20 | SW | | 00.31 | 100 m 110 |
| M04 | 06.08.2 025 | 08.30- 09.50 | 24 | 4 | NE | 0 | Pterocles orientalis | 6 | 08.52 | 20 | SSW | 00.20 | | on the point |
| M04 | 06.08.2 025 | 08.30- 09.50 | 24 | 4 | NE | 0 | Aquila sp. | 1 | 09.12 | 200 | E | | 01.14 | 1800 m 155 |
| M04 | 18.07.2 025 | 16.50- 19.50 | — | — | — | — | — | — | — | — | — | — | — | — |
| M04 | 19.07.2 025 | 07.05- 10.05 | 35 | 1,5 | SE | 20 | Pterocles orientalis | 1 | 07.26 | 20 | S | 0.54 | | on the point |
| M04 | 19.07.2 025 | 07.05- 10.05 | 35 | 1 | S | 20 | Buteo rufinus | 1 | 09.25 | 50 | W | | 03.09 | 300 m/ 210 |
| M04 | 15.06.2 025 | 07.40- 10.40 | 30 | 3.7 | SSW | 5 | Pterocles orientalis | 1 | 07.52 | 100 | NE | | 0,53 | 1000 m/ 156 |
| M04 | 20.06.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M05 | 05.08.2 025 | 14.20- 17.20 | 28 | 6 | NE | 0 | Buteo rufinus | 1 | 15.30 | 500 | NE | | 06.00 | 1 km 220 |
| M05 | 05.08.2 025 | 14.20- 17.20 | 28 | 6 | NE | 0 | Aquila nipalensis | 1 | 15.30 | 300 | NE | | 06.00 | 800 m 210 |
| M05 | 06.08.2 025 | 07.30- 10.30 | 27 | 6 | NE | 0 | Buteo rufinus | 1 | 07.40 | 400 | SE | | 01.13 | 750 m 150 |
| M05 | 06.08.2 025 | 07.30- 10.30 | 27 | 6 | NE | 0 | Pterocles orientalis | 1 | 08.06 | 70 | W | | | 80 m 285 |
| M05 | 19.07.2 025 | 16.30- 19.30 | — | — | — | — | — | — | — | — | — | — | — | — |
| M05 | 19.07.2 025 | 07.40- 10.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| M05 | 15.06.2 025 | 07.40- 10.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| M05 | 20.06.2 025 | 15.05- 18.05 | — | — | — | — | — | — | — | — | — | — | — | — |
| M06 | 06.08.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — |
| M06 | 07.08.2 025 | 07.00- 10.00 | 30 | 3 | W | 50 | Pterocles orientalis | 1 | 07.26 | 15 | E | 00.09 | | on the point |
| M06 | 22.07.2 025 | 15.25- 18.25 | — | — | — | — | — | — | — | — | — | — | — | — |
| M06 | 23.07.2 025 | 07.30- 10.30 | 29 | 10 | NE | 10 | Raptor | 2 | 07.45 | 50 | W | | 02.48 | 300 m/ 340 |
| M06 | 23.07.2 025 | 07.30- 10.30 | 30 | 10 | NE | 10 | Pterocles orientalis | 2 | 08.08 | 10 | SW | 0.20 | | on the point |

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| M06 | 19.06.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M06 | 20.06.2 025 | 06.30- 09.30 | 28 | — | — | 35 | Pterocles orientalis | 1 | 06.30 | 20-50 | SW | | 0.15 | 100 m/ 20 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 28 | — | — | 35 | Pterocles orientalis | 1 | 06.40 | 20-50 | W | | 0.22 | 150 m/ 25 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 28 | — | — | 35 | Pterocles orientalis | 2 | 06.50 | 10-20 | SW | 0.37 | | 400 m/ 45 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 28 | — | — | 5 | Pterocles orientalis | 8 | 06.55 | 20-30 | SW | | 0.33 | 600 m/ 35 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 29 | — | — | 40 | Pterocles orientalis | 2 | 07.01 | 30-50 | SW | | 0.24 | 300 m/ 15 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 29 | — | — | 40 | Pterocles orientalis | 1 | 07.06 | 20-50 | SW | | 0.16 | 300 m/ 100 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 29 | — | — | 40 | Pterocles orientalis | 2 | 07.15 | 20-50 | SW | | 0.48 | 500 m/ 35 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 29 | 1.6 | W | 40 | Pterocles orientalis | 1 | 07.20 | 10-20 | SW | 0.22 | | 300 m/ 95 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 29 | 0.8 | W | 40 | Pterocles orientalis | 1 | 07.33 | 20-50 | SW | | 1.06 | 700 m/ 45 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 30 | 0.7 | W | 40 | Pterocles orientalis | 1 | 08.04 | 10-20 | SW | 0.20 | | 200 m/ 45 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 30 | 0.8 | W | 40 | Pterocles orientalis | 2 | 08.09 | 20-50 | SW | | 0.47 | 600 m/ 80 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 30 | 0.8 | W | 40 | Pterocles orientalis | 1 | 08.11 | 20-50 | SW | | 0.40 | 600 m/ 80 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 31 | — | — | 40 | Pterocles orientalis | 3 | 08.21 | 20-5 | NE | | 1.11 | 200 m/ 130 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 31 | 1.1 | W | 40 | Pterocles orientalis | 1 | 08.26 | 10-20 | NE | | 0.50 | on the point |
| M06 | 20.06.2 025 | 06.30- 09.30 | 31 | 2.2 | W | 30 | Pterocles orientalis | 1 | 08.43 | 10-20 | SW | 0.32 | | 500 m/ 30 |
| M06 | 20.06.2 025 | 06.30- 09.30 | 32 | 1.4 | W | 10 | Pterocles orientalis | 1 | 09.16 | 20-50 | E | | 0.52 | 50 m/ 330 |
| M07 | 06.08.2 025 | 14.00- 17.00 | 31 | 2 | NE | 0 | Pterocles orientalis | 2 | 14.20 | 10 | E | 00.12 | | 400 m 270 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 25 | 2 | NE | 90 | Pterocles orientalis | 1 | 07.33 | 10 | N | 00.22 | | 300 m 300 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 25 | 2 | NE | 90 | Pterocles orientalis | 1 | 07.37 | 20-50 | SW | | 00.25 | 400 m 195 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 26 | 3 | NE | 90 | Pterocles orientalis | 2 | 07.39 | 10 | SW | 00.10 | | 500 m 180 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 26 | 3 | NE | 90 | Pterocles orientalis | 5 | 07.41 | 20-50 | SW | | 00.14 | 500 m 180 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 27 | 3 | NE | 90 | Pterocles orientalis | 1 | 08.11 | 10 | NE | 00.20 | | 30 m 180 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 28 | 2 | NE | 90 | Pterocles orientalis | 1 | 08.25 | 10 | SW | 00.22 | | 100 m 170 |

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|-----|----------------|-----------------|----|-----|-----|----|-------------------------|---|-------|-------|-----|-------|------|---|-----------------|
| M07 | 07.08.2 025 | 07.30- 10.30 | 28 | 2 | NE | 90 | Pterocles orientalis | 1 | 08.31 | 10 | NE | 00.12 | | | 100 m 325 |
| M07 | 07.08.2 025 | 07.30- 10.30 | 29 | 2 | NE | 90 | Pterocles orientalis | 1 | 08.49 | 10 | SW | 00.26 | | | on the point |
| M07 | 07.08.2 025 | 07.30- 10.30 | 30 | 5 | NE | 90 | Pterocles orientalis | 1 | 09.27 | 10 | NE | 00.15 | | | 100 m 120 |
| M07 | 22.07.2 025 | 14.50- 17.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M07 | 23.07.2 025 | 06.50- 09.50 | 24 | 7.4 | E | 0 | Pterocles orientalis | 2 | 07.16 | 10-20 | E | 0.20 | | | 200 m/ 245 |
| M07 | 23.07.2 025 | 06.50- 09.50 | 24 | 7.6 | E | 0 | Pterocles orientalis | 1 | 07.23 | 10-20 | SW | 0.17 | | | 150 m/ 200 |
| M07 | 23.07.2 025 | 06.50- 09.50 | 26 | 6.8 | E | 0 | Pterocles orientalis | 2 | 07.56 | 10-20 | SW | 0.15 | | | 300 m/ 250 |
| M07 | 23.07.2 025 | 06.50- 09.50 | 26 | 6.8 | E | 0 | Pterocles orientalis | 1 | 08.02 | 10-20 | NW | 0.20 | | | 50 m/ 260 |
| M07 | 23.07.2 025 | 06.50- 09.50 | 28 | 8.4 | E | 0 | Pterocles orientalis | 1 | 08.41 | 10-20 | NE | 0.27 | | | 300 m/ 250 |
| M07 | 19.06.2 025 | 15.10- 18.10 | 32 | 6.2 | NNW | 90 | Pterocles orientalis | 1 | 17.52 | 50 | NNE | | 0.38 | | 400 m/ 200 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 50 | Pterocles orientalis | 1 | 07.08 | 50 | SSW | | 1.01 | | 100 m/ 330 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 50 | Pterocles orientalis | 2 | 07.10 | 10 | SW | 0.57 | | | 200 m/ 150 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 40 | Pterocles orientalis | 1 | 07.31 | 30 | SEE | | 0.29 | | 1000 m/ 186 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 30 | Pterocles orientalis | 1 | 07.54 | 20 | SW | | 0.40 | | 100 m/ 150 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 30 | Pterocles orientalis | 1 | 07.55 | 50 | SW | | 1.12 | | 150 m/ 150 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 20 | Pterocles orientalis | 2 | 08.10 | 50 | NW | | 0.40 | | 1000 m/ 192 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 29 | — | — | 20 | Pterocles orientalis | 2 | 08.11 | 30 | SWW | | 0.27 | | 500 m/ 320 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 30 | — | — | 20 | Pterocles orientalis | 1 | 08.45 | 10 | NNE | 0,32 | | | 800 m/ 257 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 30 | — | — | 20 | Pterocles orientalis | 8 | 08.46 | 30 | E | | 0.41 | | 1000 m/ 195 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 30 | — | — | 20 | Pterocles orientalis | 1 | 08.53 | 30 | E | | 0.25 | | 700 m/ 188 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 30 | — | — | 20 | Pterocles orientalis | 1 | 08.55 | 100 | SW | | 0.19 | | 1000 m/ 270 |
| M07 | 20.06.2 025 | 07.00- 10.00 | 30 | — | — | 20 | Pterocles orientalis | 2 | 09.10 | 40 | SEE | | 0.33 | | 500 m/ 192 |
| M08 | 06.08.2 025 | 14.20- 17.20 | 29 | 4 | NE | 0 | Pterocles orientalis | 1 | 14.32 | 20 | SE | 00.23 | | | on the point |
| M08 | 06.08.2 025 | 14.20- 17.20 | 29 | 2 | NE | 0 | Falco sp. | 1 | 14.39 | 20 | N | 00.11 | | | on the point |

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|-----|----------------|-----------------|----|-----|----|----|---------------------------------|---|-------|-------|-------|-------|-------|-------|-----------------|
| M08 | 06.08.2 025 | 14.20- 17.20 | 28 | 3 | NE | 0 | <i>Buteo rufinus</i> | 1 | 16.40 | 100 | SSE | | 00.31 | 01.18 | 1000 m 256 |
| M08 | 07.08.2 025 | 07.05- 08.05 | 21 | 2 | NE | 75 | <i>Pterocles orientalis</i> | 2 | 07.36 | 20-50 | SW | | 00.35 | | 500 m 155 |
| M08 | 07.08.2 025 | 07.05- 08.05 | 21 | 3 | NE | 75 | <i>Pterocles orientalis</i> | 4 | 07.39 | 20-80 | SWW | | 00.42 | | 500 m 198 |
| M08 | 07.08.2 025 | 07.05- 08.05 | 22 | 3 | NE | 85 | <i>Pterocles orientalis</i> | 6 | 07.51 | 50 | SW | | 00.34 | | 1000 m 194 |
| M08 | 07.08.2 025 | 08.35- 10.35 | 24 | 4 | NE | 70 | <i>Pterocles orientalis</i> | 1 | 09.31 | 20-40 | W | | 00.28 | | 300 m 185 |
| M08 | 21.07.2 025 | 14.20- 17.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M08 | 22.07.2 025 | 07.20- 10.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M08 | 18.06.2 025 | 14.10- 17.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M08 | 19.06.2 025 | 06.50- 09.50 | 29 | 2 | W | 15 | <i>Aquila sp.</i> | 1 | 07.19 | 60 | SSE | | 2.30 | | 1000 m/ 159 |
| M09 | 08.08.2 025 | 07.25- 10.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M09 | 07.08.2 025 | 14.10- 17.10 | 22 | 3 | NE | 25 | <i>Pterocles orientalis</i> | 8 | 14.10 | 3 | | 00.03 | | | on the point |
| M09 | 22.07.2 025 | 15.00- 18.00 | 37 | 6.6 | NE | 0 | <i>Pterocles orientalis</i> | 1 | 15.03 | 8 | S-NE | 0.19 | | | 400 m/ 163 |
| M09 | 22.07.2 025 | 15.00- 18.00 | 37 | 6.6 | NE | 0 | <i>Pterocles orientalis</i> | 2 | 15.15 | 5 | NE-SW | 0.37 | | | 20 m/ 55 |
| M09 | 22.07.2 025 | 15.00- 18.00 | 37 | 6.6 | NE | 0 | <i>Pterocles orientalis</i> | 1 | 16.42 | 4 | E-S | 0.10 | | | 400 m/ 179 |
| M09 | 23.07.2 025 | 07.05- 10.05 | 24 | 5.3 | NE | 0 | <i>Pterocles orientalis</i> | 2 | 07.08 | 15 | S-NE | 0.33 | | | 40 m/ 157 |
| M09 | 23.07.2 025 | 07.05- 10.05 | 24 | 5.3 | NE | 0 | <i>Circus cyaneus</i> | 1 | 07.35 | 20 | N-S | | 0.51 | | 60 m/ 183 |
| M09 | 23.07.2 025 | 07.05- 10.05 | 24 | 5.3 | NE | 0 | <i>Circus cyaneus</i> | 1 | 09.02 | 20 | S-NE | 0.43 | | | 200 m/ 161 |
| M09 | 18.06.2 025 | 14.50- 17.50 | 41 | 1 | N | 0 | <i>Pterocles orientalis</i> | 2 | 17.36 | 50 | S | | 0.25 | | on the point |
| M09 | 19.06.2 025 | 07.05- 10.05 | 30 | 8 | S | 0 | <i>Circaetus gallicus</i> | 1 | 07.36 | 100 | SW | 1.10 | 5.18 | | on the point |
| M09 | 19.06.2 025 | 07.05- 10.05 | 30 | 7 | S | 0 | <i>Buteo rufinus</i> | 1 | 07.48 | 30 | E | | 1.59 | | on the point |
| M09 | 19.06.2 025 | 07.05- 10.05 | 36 | 5 | S | 0 | <i>Pterocles orientalis</i> | 2 | 09.12 | 50 | E | | 0.40 | | on the point |
| M10 | 07.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M10 | 08.08.2 025 | 07.15- 10.15 | 30 | 1 | N | 20 | <i>Pterocles orientalis</i> | 2 | 07.19 | 20 | S | | 00.30 | | 300 m 350 |
| M10 | 08.08.2 025 | 07.15- 10.15 | 30 | 1 | SW | 40 | <i>Falco tinnunculus</i> | 1 | 08.05 | 10 | W | 00.45 | | | 100 m 340 |

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|-----|----------------|-----------------|----|---|----|----|-------------------------|---|-------|-------|-----------|------|-------|-----------------|
| M10 | 22.07.2 025 | 15.05- 18.05 | — | — | — | — | — | — | — | — | — | — | — | — |
| M10 | 23.07.2 025 | 07.10- 10.10 | 30 | 9 | NE | 0 | Pterocles orientalis | 1 | 08.29 | 30 | S | | 0.47 | on the point |
| M10 | 18.06.2 025 | 14.35- 17.35 | — | — | — | — | — | — | — | — | — | — | — | — |
| M10 | 19.06.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M11 | 08.08.2 025 | 13.45- 16.45 | — | — | — | — | — | — | — | — | — | — | — | — |
| M11 | 09.08.2 025 | 07.40- 10.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| M11 | 21.07.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M11 | 22.07.2 025 | 07.00- 10.00 | 28 | | | | Falco tinnunculus | 1 | 07.11 | 50-80 | NWW | | 0.30 | 300 m/ 330 |
| M11 | 22.07.2 025 | 07.00- 10.00 | 31 | | | | Falco tinnunculus | 1 | 08.29 | 20-50 | NW | | 0.41 | 500 m/ 350 |
| M11 | 22.07.2 025 | 07.00- 10.00 | 33 | | | | Aquila chrysaetos | 2 | 09.18 | 200+ | circle, N | | 6.14 | 1300 m/ 312 |
| M11 | 17.06.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M11 | 18.06.2 025 | 07.00- 10.00 | 29 | — | — | 10 | Pterocles orientalis | 1 | 07.49 | 12 | NW | 0.27 | | on the point |
| M11 | 18.06.2 025 | 07.00- 10.00 | 30 | — | — | 10 | Pterocles orientalis | 4 | 08.13 | 30 | SE | | 0.39 | 60 m/ 139 |
| M11 | 18.06.2 025 | 07.00- 10.00 | 33 | — | — | 10 | Pterocles orientalis | 1 | 09.03 | 50 | N | | 0.37 | 40 m/ 19 |
| M11 | 18.06.2 025 | 07.00- 10.00 | 34 | — | — | 10 | Pterocles orientalis | 1 | 09.27 | 80 | NNW | | 0.23 | 60 m/ 327 |
| M12 | 07.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M12 | 08.08.2 025 | 07.50- 10.50 | 28 | 1 | E | 0 | Pterocles orientalis | 4 | 07.10 | 100 | SW | | 00.16 | 200 m 225 |
| M12 | 08.08.2 025 | 07.50- 10.50 | 28 | 2 | E | 0 | Pterocles orientalis | 6 | 07.24 | 100 | S | | 00.08 | 300 m 160 |
| M12 | 21.07.2 025 | 14.10- 17.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| M12 | 22.07.2 025 | 07.46- 10.46 | — | — | — | — | — | — | — | — | — | — | — | — |
| M12 | 17.06.2 025 | 14.30- 17.30 | 38 | — | — | 15 | Pterocles orientalis | 1 | 14.55 | 5 | SWW | 0.10 | | 500 m/ 330 |
| M12 | 17.06.2 025 | 14.30- 17.30 | 35 | — | — | 10 | Pterocles orientalis | 1 | 17.17 | 5 | NE | 0.25 | | 800 m/ 270 |
| M12 | 18.06.2 025 | 11.00- 14.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M13 | 08.08.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — |

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| M13 | 07.08.2 025 | 13.35- 16.35 | 33 | 5 | NE | 70 | Falco sp. | 1 | 15.25 | 20-150 | N | | 04.49 | | 200 m 245 |
| M13 | 21.07.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M13 | 22.07.2 025 | 07.25- 10.25 | 29 | 7 | NE | 10 | Pterocles orientalis | 1 | 09.45 | 15 | S | 0.20 | | | on the point |
| M13 | 17.06.2 025 | 14.15- 17.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M13 | 18.06.2 025 | 10.50- 13.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 07.08.2 025 | 14.18- 17.18 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 08.08.2 025 | 07.30- 10.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 20.07.2 025 | 14.35- 17.35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 21.07.2 025 | 07.05- 10.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 17.06.2 025 | 14.50- 17.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M14 | 18.06.2 025 | 06.40- 09.40 | 28 | — | — | 5 | Pterocles orientalis | 1 | 07.03 | 100 | SE | | 0.20 | | on the point |
| M14 | 18.06.2 025 | 06.40- 09.40 | 28 | — | — | 5 | Pterocles orientalis | 3 | 07.11 | 50 | S | | 0.30 | | on the point |
| M15 | 08.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 09.08.2 025 | 07.20- 09.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 20.07.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 21.07.2 025 | 07.15- 10.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M15 | 16.06.2 025 | 14.30- 17.30 | 33 | 6.5 | NNE | 5 | Raptor | 1 | 16.14 | 50 | NE | | 06.20 | | 1000 m/ 156 |
| M15 | 17.06.2 025 | 06.35- 09.35 | 29 | — | — | 0 | Pterocles orientalis | 1 | 07.18 | 10 | SW | | 0.10 | | 150 m/ 260 |
| M15 | 17.06.2 025 | 06.35- 09.35 | 32 | — | — | 0 | Pterocles orientalis | 1 | 07.47 | 30-0 | NWW | 0.04 | 0.26 | | 1000 m/ 105 |
| M15 | 17.06.2 025 | 06.35- 09.35 | 32 | — | — | 0 | Pterocles orientalis | 1 | 07.50 | 10-0 | NW | 0.27 | | | 300 m/ 77 |
| M15 | 17.06.2 025 | 06.35- 09.35 | 32 | — | — | 0 | Pterocles orientalis | 1 | 07.57 | 30 | SW | | 0.05 | | 100 m/ 32 |
| M15 | 17.06.2 025 | 06.35- 09.35 | 35 | — | — | 5 | Pterocles orientalis | 1 | 09.18 | 5 | SWW | 0.13 | | | 200 m/ 22 |
| M16 | 08.08.2 025 | 14.00- 17.00 | 34 | 1 | E | 0 | Pterocles orientalis | 2 | 14.24 | 20 | S | 00.40 | | | 300 m 260 |
| M16 | 08.08.2 025 | 14.00- 17.00 | 34 | 1 | E | 10 | Pterocles orientalis | 3 | 15.47 | 20-40 | E | | 00.24 | | 200 m 152 |

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|-----|----------------|-----------------|----|------|-----|----|-------------------------|---|-------|-------|-----|-------|-------|---|----------------|
| M16 | 09.08.2 025 | 07.20- 10.20 | 28 | 3 | SSW | 0 | Pterocles orientalis | 2 | 07.32 | 20 | NWW | 00.30 | | | 50 m 202 |
| M16 | 09.08.2 025 | 07.20- 10.20 | 28 | 3 | SSW | 0 | Pterocles orientalis | 2 | 07.41 | 20-50 | W | | 00.55 | | 700 m 122 |
| M16 | 09.08.2 025 | 07.20- 10.20 | 29 | 2 | SSW | 0 | Pterocles orientalis | 6 | 07.48 | 20-60 | W | | 01.01 | | 400 m 170 |
| M16 | 21.07.2 025 | 06.45- 09.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M16 | 20.07.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M16 | 21.07.2 025 | 07.05- 10.05 | 23 | 9.4 | NE | 5 | Pterocles orientalis | 5 | 07.11 | 10-20 | N | 0.25 | | | 1000 m/ 270 |
| M16 | 21.07.2 025 | 07.05- 10.05 | 24 | 10,8 | NE | 5 | Pterocles orientalis | 3 | 07.49 | 10-20 | SSE | 0.31 | | | 700 m/ 208 |
| M16 | 21.07.2 025 | 07.05- 10.05 | 26 | 9.1 | NE | 0 | Circus sp. | 1 | 08.01 | 10-20 | SEE | 0.30 | | | 200 m/ 180 |
| M16 | 21.07.2 025 | 07.05- 10.05 | 28 | 10 | NE | 0 | Buteo rufinus | 1 | 08.48 | 10-20 | SE | 1.01 | | | 500 m/ 154 |
| M16 | 16.06.2 025 | 14.00- 17.00 | 40 | 2.4 | N | 25 | Pterocles orientalis | 1 | 14.54 | 4 | SE | 1.13 | | | 15 v/ 115 |
| M16 | 16.06.2 025 | 14.00- 17.00 | 40 | 2.4 | N | 25 | Aquila sp. | 1 | 16.44 | 40 | SSE | | 0.16 | | 1000 m/ 166 |
| M16 | 17.06.2 025 | 06.30- 09.30 | 27 | — | — | 0 | Pterocles orientalis | 1 | 06.34 | 4 | S | 0.20 | | | 25 m/ 178 |
| M16 | 17.06.2 025 | 06.30- 09.30 | 28 | — | — | 0 | Pterocles orientalis | 2 | 06.39 | 4 | SSW | 0.42 | | | 40 m/ 205 |
| M16 | 17.06.2 025 | 06.30- 09.30 | 30 | — | — | 0 | Pterocles orientalis | 1 | 07.26 | 6 | NW | 0.32 | | | 30 m/ 329 |
| M16 | 17.06.2 025 | 06.30- 09.30 | 32 | — | — | 0 | Pterocles orientalis | 1 | 08.28 | 5 | SE | 0.17 | | | 15 m/ 139 |
| M17 | 08.08.2 025 | 13.40- 16.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M17 | 09.08.2 025 | 07.55- 10.55 | 28 | 3 | S | 0 | Pterocles orientalis | 2 | 08.16 | 5 | NW | 00.36 | | | 50 m 180 |
| M17 | 09.08.2 025 | 07.55- 10.55 | 34 | 3 | S | 0 | Pterocles orientalis | 2 | 09.54 | 10-20 | SW | 00.14 | | | 150 m 70 |
| M17 | 20.07.2 025 | 14.45- 17.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M17 | 21.07.2 025 | 07.20- 10.20 | 24 | 6.4 | NE | 5 | Pterocles orientalis | 1 | 08.22 | 5-20 | N | 0.25 | | | 200 m/ 115 |
| M17 | 16.06.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M17 | 17.06.2 025 | 06.00- 09.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M19 | 09.08.2 025 | 07.00- 10.00 | 25 | 2 | S | 0 | Pterocles orientalis | 2 | 07.30 | 50 | N | | 00.70 | | 100 m 20 |
| M19 | 09.08.2 025 | 07.00- 10.00 | 27 | 2 | S | 0 | Pterocles orientalis | 1 | 08.27 | 100 | S | | 00.10 | | 100 m 180 |

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| M19 | 08.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M19 | 09.08.2 025 | 06.00- 09.00 | 25 | 1 | W | 5 | Pterocles orientalis | 1 | 06.32 | 40 | SE | | 00.19 | 600 m 124 |
| M19 | 09.08.2 025 | 06.00- 09.00 | 27 | 1 | W | 5 | Pterocles orientalis | 2 | 06.58 | 60 | S | | 00.24 | 200 m 21 |
| M19 | 09.08.2 025 | 06.00- 09.00 | 27 | 1 | W | 5 | Aquila nipalensis | 1 | 07.42 | 200 | SE | | 12.00 | |
| M19 | 19.07.2 025 | 14.30- 17.30 | 41 | 2 | NW | 50 | Pterocles orientalis | 1 | 14.54 | 10-20 | NNW | 0.20 | | 300 m/ 270 |
| M19 | 19.07.2 025 | 14.30- 17.30 | 39 | 2.8 | NW | 70 | Pterocles orientalis | 2 | 15.37 | 20-50 | SW | | 0.16 | 100 m/ 225 |
| M19 | 20.07.2 025 | 06.50- 09.50 | 29 | 4.6 | NE | 40 | Pterocles orientalis | 2 | 07.15 | 20-50 | SW | | 0.12 | 150 m/ 315 |
| M19 | 20.07.2 025 | 06.50- 09.50 | 29 | 5.2 | NE | 40 | Pterocles orientalis | 1 | 07.20 | 10-20 | NW | 0.10 | | 200 m/ 270 |
| M19 | 20.07.2 025 | 06.50- 09.50 | 29 | 5.2 | NE | 40 | Pterocles orientalis | 1 | 07.22 | 10-20 | NE | 0.25 | | 100 m/ 200 |
| M19 | 20.07.2 025 | 06.50- 09.50 | 30 | 6.2 | NE | 25 | Aquila sp. | 1 | 08.05 | 200+ | SW | | 04.02 | 2000 m/ 220 |
| M19 | 20.07.2 025 | 06.50- 09.50 | 31 | 5.6 | NE | 20 | Pterocles orientalis | 1 | 08.22 | 10-20 | N | 0.12 | | 100 m/ 225 |
| M19 | 16.06.2 025 | 14.15- 17.15 | — | — | — | — | — | — | — | — | — | — | — | — |
| M19 | 17.06.2 025 | 06.25- 09.25 | — | — | — | — | — | — | — | — | — | — | — | — |
| M20 | 09.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M20 | 10.08.2 025 | 05.40- 09.40 | 19 | 2 | NE | 5 | Anatidae | 10 | 05.48 | 50 | NEE | | 01.14 | 500 m 253 |
| M20 | 19.07.2 025 | 14.30- 17.30 | 41 | 2 | W | 30 | Pterocles orientalis | 2 | 16.29 | 20-25 | E | | 0.24 | 300 m/ 272 |
| M20 | 20.07.2 025 | 07.10- 10.10 | 32 | 5.8 | E | 40 | Tetrax tetrax | 2 | 07.21 | 10-15 | SWW | 0.31 | | 700 m/ 206 |
| M20 | 20.07.2 025 | 07.10- 10.10 | 33 | 6.4 | E | 40 | Circaetus gallicus | 2 | 07.50 | 200+ | Circle, NE | | 07.24 | 2000 m/ 285 |
| M20 | 15.06.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M20 | 16.06.2 025 | 06.15- 09.15 | — | — | — | — | — | — | — | — | — | — | — | — |
| M21 | 08.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| M21 | 09.08.2 025 | 07.00- 10.00 | 30 | 1 | S | 10 | Larus sp. | 4 | 08.06 | 50 | SW | | 00.45 | 400 m 100 |
| M21 | 19.07.2 025 | 16.30- 19.30 | — | — | — | — | — | — | — | — | — | — | — | — |
| M21 | 20.07.2 025 | 07.00- 10.00 | — | — | — | — | — | — | — | — | — | — | — | — |

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| M21 | 15.06.2 025 | 14.55- 17.55 | 35 | 4.5 | NW | 5 | Aquila chrysaetos | 1 | 16.05 | 100 | SSE | | 1.22 | | 1700 m/ 280 |
| M21 | 16.06.2 025 | 06.55- 09.55 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M22 | 09.08.2 025 | 14.20- 17.20 | 34 | 1 | E | 50 | Aquila chrysaetos | 2 | 16.20 | 200 | | | | | |
| M22 | 10.08.2 025 | 05.55- 09.55 | 19 | 2 | NE | 5 | Falco sp. | 1 | 06.15 | 10 | | | | | |
| M22 | 10.08.2 025 | 05.55- 09.55 | 19 | 2 | NE | 5 | Pterocles orientalis | 2 | 07.25 | 20 | | | | | |
| M22 | 10.08.2 025 | 05.55- 09.55 | 19 | 2 | NE | 5 | Pterocles orientalis | 4 | 08.04 | 20 | | | | | |
| M22 | 19.07.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M22 | 20.07.2 025 | 07.10- 10.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M22 | 15.06.2 025 | 15.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M22 | 16.06.2 025 | 06.30- 09.30 | 26 | 1.2 | NNW | 0 | Pterocles orientalis | 5 | 07.06 | 10-20 | NE | 0.46 | | | 300 m/ 260 |
| M22 | 16.06.2 025 | 06.30- 09.30 | 26 | 1.2 | NNW | 0 | Pterocles orientalis | 1 | 07.12 | 10-20 | NE | 0.16 | | | 250 m/ 270 |
| M22 | 16.06.2 025 | 06.30- 09.30 | 28 | 1.8 | NNW | 0 | Pterocles orientalis | 1 | 07.38 | 20-50 | SE | 0.24 | | | 400 m/ 250 |
| M24 | 08.08.2 025 | 14.15- 17.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M24 | 09.08.2 025 | 07.10- 10.10 | 25 | 3 | SW | 0 | Pterocles orientalis | 2 | 07.21 | 1 | NE | 00.06 | | | 30 m 30 |
| M24 | 20.07.2 025 | 07.10- 10.10 | 29 | 4.2 | N | 45 | Pterocles orientalis | 1 | 07.19 | 6 | NE-W | 0.12 | | | 12 m/ 253 |
| M24 | 20.07.2 025 | 07.10- 10.10 | 29 | 4.2 | N | 45 | Pterocles orientalis | 1 | 07.54 | 7 | S-NW | 0.31 | | | 30 m/ 291 |
| M24 | 20.07.2 025 | 07.10- 10.10 | 30 | 4.3 | N | 45 | Pterocles orientalis | 1 | 08.51 | 3 | W-NW | 0.19 | | | 40 m/ 275 |
| M24 | 20.07.2 025 | 07.10- 10.10 | 31 | 4 | N | 45 | Pterocles orientalis | 2 | 10.08 | 10 | N-SW | 0.39 | | | 70 m/ 173 |
| M24 | 19.07.2 025 | 14.55- 17.55 | 40 | 1.3 | E | 40 | Pterocles orientalis | 1 | 16.06 | 20 | E-SW | 0.42 | | | 1000 m/ 209 |
| M24 | 19.07.2 025 | 14.55- 17.55 | 40 | 1.3 | E | 40 | Pterocles orientalis | 1 | 16.23 | 15 | W-E | 0.27 | | | 5 m/ 257 |
| M24 | 19.07.2 025 | 14.55- 17.55 | 38 | 1.3 | E | 40 | Pterocles orientalis | 1 | 17.34 | 2 | SE-SW | 0.05 | | | 70 m/ 137 |
| M24 | 16.06.2 025 | 06.45- 09.45 | 26 | 0.8 | NE | 0 | Pterocles orientalis | 1 | 07.12 | 4 | NW | 2.45 | | | 40 m/ 306 |
| M24 | 16.06.2 025 | 06.45- 09.45 | 28 | — | — | 0 | Pterocles orientalis | 1 | 07.42 | 6 | W | 2.02 | | | on the point |
| M24 | 16.06.2 025 | 06.45- 09.45 | 30 | — | — | 0 | Aquila chrysaetos | 1 | 08.21 | 120 | W | | 1.36 | | 1500 m/ 265 |

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| M24 | 16.06.2 025 | 06.45- 09.45 | 31 | — | — | 0 | Aquila chrysaetos | 2 | 08.29 | 120 | SWW | | 5.29 | | 1500 m/ 245 |
| M24 | 17.06.2 025 | 14.45- 17.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M26 | 09.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M26 | 10.08.2 025 | 06.00- 09.00 | 20 | 5 | NE | 5 | Pernis sp. | 2 | 06.46 | 200 | SW | | | 04.12 | 1000 m 130 |
| M26 | 10.08.2 025 | 06.00- 09.00 | 21 | 5 | NE | 10 | Aquila sp. | 1 | 07.11 | 0-900 | E | 00.15 | 04.48 | | 1500 m 200 |
| M26 | 10.08.2 025 | 06.00- 09.00 | 25 | 4 | NE | 20 | Hieraetos pennatus | 1 | 08.34 | 100-200 | circle | | 03.16 | | 1500 m 160 |
| M26 | 19.07.2 025 | 15.00- 18.00 | 41 | 3 | E | 40 | Pterocles orientalis | 2 | 15.58 | 5 | S | 0.50 | | | 100 m 205 |
| M26 | 20.07.2 025 | 07.25- 10.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M26 | 15.06.2 025 | 15.15- 18.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M26 | 16.06.2 025 | 06.25- 09.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M32 | 06.08.2 025 | 14.00- 17.00 | 35 | 3 | NE | 0 | Raptor | 1 | 14.48 | 100 | N | | 00.15 | | 1000 m 60 |
| M32 | 07.08.2 025 | 07.00- 10.00 | 26 | 3 | E | 5 | Pterocles orientalis | 7 | 07.52 | 100 | E | 00.46 | | | 300 m 90 |
| M32 | 07.08.2 025 | 07.00- 10.00 | 33 | 6 | N | 5 | Falco sp. | 1 | 09.45 | 150 | S | | 00.14 | | 200 m 180 |
| M32 | 22.07.2 025 | 14.40- 17.40 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M32 | 23.07.2 025 | 07.15- 10.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M32 | 19.06.2 025 | 14.50- 17.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| M32 | 20.06.2 025 | 06.25- 09.25 | 27 | 1.7 | E | 40 | Pterocles orientalis | 1 | 06.37 | 60 | SW | | 0.40 | | 80 m/ 184 |
| M32 | 20.06.2 025 | 06.25- 09.25 | 27 | 1 | NW | 60 | Pterocles orientalis | 2 | 06.58 | 70 | SW | | 0.38 | | 100 m/ 190 |
| M32 | 20.06.2 025 | 06.25- 09.25 | 28 | — | — | 60 | Pterocles orientalis | 2 | 07.19 | 70 | E | | 0.36 | | 70 m/ 85 |
| M32 | 20.06.2 025 | 06.25- 09.25 | 36 | 2.3 | SW | 50 | Pterocles orientalis | 3 | 08.22 | 80 | E | | 0.30 | | 100 m/ 116 |
| M32 | 20.06.2 025 | 06.25- 09.25 | 40 | 1.7 | SW | 10 | Buteo rufinus | 1 | 09.32 | 120 | S | | 1.30 | | 600 m/ 150 |
| P02 | 05.08.2 025 | 14.35- 17.35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P02 | 06.08.2 025 | 07.25- 10.25 | 18 | 4 | NE | 0 | Pterocles orientalis | 6 | 07.26 | 10 | SEE | 00.16 | | | 300 m 105 |
| P02 | 06.08.2 025 | 07.25- 10.25 | 21 | 4 | NE | 0 | Pterocles orientalis | 1 | 08.01 | 10 | SE | 00.12 | | | 150 m 70 |

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| P02 | 06.08.2 025 | 07.25- 10.25 | 22 | 4 | NE | 0 | Pterocles orientalis | 4 | 08.13 | 20 | SE | | 00.20 | | 500 m 90 |
| P02 | 18.07.2 025 | 16.30- 19.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P02 | 19.07.2 025 | 07.15- 10.15 | 36 | 2.5 | S | 0 | Pterocles orientalis | 1 | 08.27 | 30 | SW | | 0.27 | | on the point |
| P02 | 19.07.2 025 | 07.15- 10.15 | 36 | 2.5 | S | 0 | Pterocles orientalis | 1 | 08.44 | 30 | NE | | 0.39 | | on the point |
| P02 | 19.06.2 025 | 15.05- 18.05 | 34 | 6 | N | 90 | Buteo rufinus | 1 | 17.29 | 50 | N | | 0.25 | | 1000 m/ 90 |
| P02 | 20.06.2 025 | 06.35- 09.35 | 29 | 2 | E | 50 | Pterocles orientalis | 1 | 07.10 | 50 | N | | 0.40 | | on the point |
| P02 | 20.06.2 025 | 06.35- 09.35 | 29 | 2 | E | 50 | Pterocles orientalis | 3 | 07.13 | 50 | S | | 0.45 | | on the point |
| P02 | 20.06.2 025 | 06.35- 09.35 | 30 | — | — | 40 | Pterocles orientalis | 1 | 07.31 | 20 | NE | 0.29 | | | on the point |
| P06 | 08.08.2 025 | 13.35- 16.35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P06 | 09.08.2 025 | 07.20- 09.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P06 | 21.07.2 025 | 07.45- 10.45 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P06 | 20.07.2 025 | 14.50- 17.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P06 | 16.06.2 025 | 14.10- 17.10 | 35 | 3.3 | NE | 5 | Pterocles orientalis | 2 | 16.39 | 5-10 | NW | 0.22 | | | 300 m/ 105 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 25 | 1.2 | NE | 0 | Pterocles orientalis | 2 | 06.21 | 20-30 | N | | 0.25 | | 400 m/ 245 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 29 | 1.7 | NE | 0 | Pterocles orientalis | 2 | 07.24 | 10-20 | N | 0.16 | | | 500 m/ 270 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 30 | 1.1 | NE | 0 | Pterocles orientalis | 2 | 08.04 | 5-20 | SE | 0.44 | | | 350 m/ 290 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 31 | 2 | NE | 0 | Pterocles orientalis | 2 | 08.39 | 5-20 | SE | 0.56 | | | 300 m/ 230 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 33 | 0.8 | NE | 0 | Pterocles orientalis | 2 | 08.50 | 5-10 | N | 0.27 | | | 250 m/ 270 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 34 | 1 | NE | 0 | Pterocles orientalis | 1 | 09.00 | 5-10 | NE | 0.20 | | | 150 m/ 260 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 34 | 1 | NE | 0 | Pterocles orientalis | 1 | 09.05 | 0-5 | SW | 0.15 | | | 200 m/ 185 |
| P06 | 17.06.2 025 | 06.10- 09.10 | 34 | 1 | NE | 0 | Pterocles orientalis | 2 | 09.06 | 5-10 | SE | 0.33 | | | 300 m/ 190 |
| P17 | 06.08.2 025 | 14.25- 17.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P17 | 07.08.2 025 | 07.15- 10.15 | | | | 80 | Pterocles orientalis | 4 | 07.43 | 30 | N | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 4 | 07.50 | 30 | N | | 0.15 | | on the point |

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| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 3 | 08.01 | 30 | S | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 2 | 08.07 | 30 | N | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 08.26 | 30 | N | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 2 | 08.30 | 30 | S | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 08.31 | 30 | S | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 2 | 08.42 | 20 | S | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 09.13 | 20 | S | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 09.15 | 30 | S | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 3 | 09.22 | 30 | N | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 09.23 | 20 | N | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 09.29 | 20 | N | | 0.15 | | on the point |
| P17 | 07.08.2 025 | 07.15- 10.15 | 33 | 5 | NE | 70 | Pterocles orientalis | 1 | 09.47 | | N | | 0.15 | | on the point |
| P17 | 21.07.2 025 | 14.20- 17.20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P17 | 22.07.2 025 | 07.25- 10.25 | 26 | 13 | NE | 0 | Pterocles orientalis | 2 | 07.27 | 40 | N | | 01.24 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 26 | 13 | NE | 0 | Pterocles orientalis | 1 | 07.41 | 100 | E | | 0.30 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 26 | 13 | NE | 0 | Pterocles orientalis | 2 | 07.57 | 30 | NE | | 0.34 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 26 | 13 | NE | 0 | Pterocles orientalis | 1 | 08.02 | 30 | W | | 0.25 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 27 | 13 | NE | 0 | Pterocles orientalis | 1 | 08.03 | 40 | W | | 0.10 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 1 | 08.14 | 20 | SE | | 0.27 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 1 | 08.17 | 20 | N | | 0.21 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 1 | 08.20 | 20 | N | | 0.25 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 1 | 08.34 | 40 | N | | 0.35 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 14 | NE | 0 | Pterocles orientalis | 1 | 08.47 | 20 | NE | | 0.25 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 14 | NE | 0 | Pterocles orientalis | 1 | 08.52 | 10 | SW | 0.15 | | | on the point |

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| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 14 | NE | 0 | Pterocles orientalis | 1 | 09.06 | 50 | N | | 0.13 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 14 | NE | 0 | Pterocles orientalis | 2 | 09.13 | 50 | SE | | 0.05 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 2 | 09.15 | 50 | E | | 0.15 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 1 | 09.18 | 30 | SE | | 0.16 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 1 | 09.22 | 30 | NE | | 0.05 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 30 | 13 | NE | 0 | Pterocles orientalis | 6 | 09.31 | 20 | N | | 0.30 | | on the point |
| P17 | 22.07.2 025 | 07.25- 10.25 | 33 | 13 | NE | 0 | Pterocles orientalis | 2 | 10.12 | 20 | S | | 0.30 | | on the point |
| P17 | 18.06.2 025 | 15.15- 18.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P17 | 19.06.2 025 | 06.50- 09.50 | 30 | 2.7 | SSW | 5 | Raptor | 1 | 06.55 | 40 | NE | | 0.05 | | 200 m/ 40 |
| P17 | 19.06.2 025 | 06.50- 09.50 | 30 | 2.7 | SSW | 5 | Pterocles orientalis | 2 | 07.12 | 50 | SSW | | 0.18 | | 200 m/ 33 |
| P17 | 19.06.2 025 | 06.50- 09.50 | 32 | 2.9 | SSE | 5 | Pterocles orientalis | 1 | 07.40 | 40 | SW | | 0.05 | | 300 m/ 1- 3 |
| P17 | 19.06.2 025 | 06.50- 09.50 | 33 | 3 | SSE | 5 | Pterocles orientalis | 1 | 08.04 | 30 | SWW | | 0.21 | | 200 m/ 47 |
| P17 | 19.06.2 025 | 06.50- 09.50 | 33 | 3 | SSE | 5 | Pterocles orientalis | 3 | 08.05 | 50 | NE | | 0.52 | | 300 m/ 330 |
| P24 | 06.08.2 025 | 14.30- 17.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P24 | 07.08.2 025 | 07.20- 10.20 | 26 | | NE | 40 | Pterocles orientalis | 2 | 07.30 | 4 | | 00.07 | | | 100 m 240 |
| P24 | 22.07.2 025 | 15.30- 18.30 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P24 | 23.07.2 025 | 07.35- 10.35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P24 | 19.06.2 025 | 14.50- 17.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P24 | 20.06.2 025 | 06.35- 09.35 | 34 | — | — | 45 | Pterocles orientalis | 1 | 06.38 | 4 | NEE | 0.12 | | | 60 m/ 78 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 34 | — | — | 45 | Pterocles orientalis | 1 | 06.49 | 4 | SWW | 0.28 | | | 40 m/ 257 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 34 | — | — | 45 | Pterocles orientalis | 1 | 07.06 | 4 | SEE | 0.19 | | | 45 m/ 104 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 34 | — | — | 45 | Pterocles orientalis | 1 | 07.16 | 7 | SE | 0.22 | | | 80 m/ 135 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 35 | — | — | 40 | Pterocles orientalis | 1 | 07.39 | 4 | SEE | 0.07 | | | 20 m/ 113 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 35 | — | — | 30 | Pterocles orientalis | 1 | 07.42 | 8 | SSW | 0.19 | | | 80 m/ 207 |

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| P24 | 20.06.2 025 | 06.35- 09.35 | 35 | — | — | 30 | Pterocles orientalis | 1 | 07.45 | 12 | E | 0.10 | | | 100 m/ 113 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 35 | — | — | 20 | Pterocles orientalis | 1 | 07.58 | 7 | NEE | 0.31 | | | 80 m/ 89 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 37 | — | — | 20 | Pterocles orientalis | 2 | 08.10 | 6 | SEE | 0.12 | | | 100 m/ 113 |
| P24 | 20.06.2 025 | 06.35- 09.35 | 38 | — | — | 20 | Pterocles orientalis | 1 | 09.18 | 4 | NWW | 0.17 | | | 40 m/ 283 |
| X04 | 07.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 4 | 07.38 | 25 | SW | | 00.10 | | 600 m 280 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 1 | 07.44 | 15 | SW | 00.08 | | | 25 m 205 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 3 | 07.47 | 20 | N | 00.12 | | | 200 m 175 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 1 | 07.54 | 15 | E | 00.09 | | | 200 m 196 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 2 | 07.54 | 50 | NW | | 00.22 | | 300 m 335 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 1 | 07.59 | 20 | S | 00.13 | | | 200 m 199 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 2 | 08.00 | 75 | SW | | 00.32 | | 200 m 345 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 1 | 08.35 | 40 | N | | 00.14 | | 20 m 175 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 3 | 08.36 | 30 | SW | | 00.17 | | 300 m 209 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 2 | 08.43 | 10 | S | 00.07 | | | 15 m 190 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 4 | 08.52 | 40 | NW | | 00.39 | | 1000 m 333 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 1 | 09.24 | 15 | N | 00.14 | | | 3 m 20 |
| X04 | 08.08.2 025 | 07.35- 10.35 | 26 | 3 | E | 80 | Pterocles orientalis | 1 | 10.30 | 15 | S | 00.09 | | | 70 m 192 |
| X04 | 21.07.2 025 | 14.05- 17.05 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X04 | 22.07.2 025 | 07.10- 10.10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X04 | 19.06.2 025 | 06.45- 09.45 | 33 | 3.2 | SW | 5 | Pterocles orientalis | 2 | 08.40 | 20-50 | NW | | 0.46 | | 100 m/ 45 |
| X04 | 18.06.2 025 | 15.30- 18.30 | 37 | — | — | 5 | Pterocles orientalis | 1 | 18.20 | 30 | E | | 1.26 | | 1000 m/ 300 |
| X05 | 07.08.2 025 | 14.00- 17.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| X05 | 08.08.2 025 | 07.50- 10.50 | 27 | 1 | NW | 0 | Pterocles orientalis | 2 | 07.50 | 20-50 | SW | | 00.16 | | 200 m 350 |

| | | | | | | | | | | | | | | | |
|-----|------------|-------------|----|-----|----|----|----------------------|---|-------|-------|----|-------|-------|------|--------------|
| X05 | 08.08.2025 | 07.50-10.50 | 28 | 2 | NW | 0 | Pterocles orientalis | 2 | 08.20 | 10-20 | NW | 00.12 | | | 500 m 350 |
| X05 | 08.08.2025 | 07.50-10.50 | 31 | 1 | NW | 0 | Pterocles orientalis | 1 | 09.37 | 10-20 | SW | 00.30 | | | 400 m 45 |
| X05 | 08.08.2025 | 07.50-10.50 | 34 | 1 | NW | 0 | Falco tinnunculus | 1 | 10.34 | 200 | W | | 02.50 | | 1500 m 90 |
| X05 | 20.07.2025 | 14.25-17.25 | 37 | 5 | N | 10 | Aquila sp. | 1 | 15.34 | 200 | W | | 0.30 | | on the point |
| X05 | 21.07.2025 | 06.55-09.55 | 30 | 5 | NE | 10 | Pterocles orientalis | 1 | 07.00 | 10 | S | 0.30 | | | on the point |
| X05 | 17.06.2025 | 14.35-17.35 | 40 | 3.3 | NE | 50 | Raptor | 1 | 15.57 | 200 | N | | | 1.20 | 300 m/ 64 |
| X05 | 18.06.2025 | 06.25-09.25 | 30 | — | — | 10 | Pterocles orientalis | 2 | 06.48 | 40 | SE | | 0.40 | | 60 m/ 36 |
| X05 | 18.06.2025 | 06.25-09.25 | 33 | — | — | 15 | Pterocles orientalis | 1 | 07.06 | 70 | E | | 0.40 | | 100 m/ 33 |
| X05 | 18.06.2025 | 06.25-09.25 | 38 | — | — | 15 | Pterocles orientalis | 2 | 07.49 | 20 | E | 1.32 | | | 30 m/ 30 |

Annex 4.2 Observations with vantage points in June-August 2025, Power lines

| Point № | Date | Time | Temperature | Wind speed, m/s | Wind direction | Cloudiness, % | Species | Bird count | Time of flight | Flight height, m | Flight direction | Band 1 (<20 m),m.s | Band 2 (20-50 m),m.s | Band 3 (>50 m),m.s | Note |
|---------------|------------|-------------|-------------|-----------------|----------------|---------------|--------------------|------------|----------------|------------------|------------------|--------------------|----------------------|--------------------|----------------|
| OHL_VP_8 (W) | 05.08.2025 | 15.00-18.00 | 28 | 1 | SE | 0 | Aquila nipalensis | 1 | 15.23 | 20 | N | | 02.11 | | on the point |
| OHL_VP_8 (W) | 06.08.2025 | 07.15-10.15 | 22 | 2 | NE | 0 | Buteo rufinus | 1 | 09.16 | 50 | S | | 05.00 | | 1500 m 270, RF |
| OHL_VP_8 (W) | 06.08.2025 | 07.15-10.15 | 22 | 2 | NE | 0 | Buteo rufinus | 1 | 09.23 | 50 | S | | 05.00 | | 1500 m 270 |
| OHL_VP_9 (NW) | 11.08.2025 | 07.30-13.30 | 28 | 1 | SE | 0 | Accipiter badius | 1 | 08.20 | 50 | | | 00.26 | | on the point |
| OHL_VP_9 (NW) | 11.08.2025 | 07.30-13.30 | 29 | 1 | SE | 0 | Calidris temmincki | 4 | 08.33 | 30 | | | 02.12 | | on the point |
| OHL_VP_9 (NW) | 11.08.2025 | 07.30-13.30 | 31 | 1 | SE | 0 | Falco sp. | 1 | 09.30 | 10 | NW | | 00.32 | | 100 m 313, RF |
| OHL_VP_6 (NE) | 09.08.2025 | 14.15-17.15 | 37 | 4 | W | 15 | Buteo rufinus | 1 | 14.34 | 25 | S | | 03.35 | | 100 m 310, RF |
| OHL_VP_6 (NE) | 10.08.2025 | 06.25-09.25 | 24 | 5 | NE | 10 | Circus macrourus | 1 | 07.32 | 30 | E | | 02.15 | | 1000 m 350, RF |
| OHL_VP_6 (NE) | 10.08.2025 | 06.25-09.25 | 24 | 5 | NE | 20 | Buteo rufinus | 2 | 09.19 | 40 | | | 02.39 | | 700 m 115, RF |
| OHL_VP_6 (NE) | 10.08.2025 | 06.25-09.25 | 24 | 5 | NE | 20 | Aquila nipalensis | 1 | 09.25 | 500 | | | 02.05 | | on the point |
| OHL_VP_6 (SW) | 09.08.2025 | 14.15-17.15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_6 (SW) | 10.08.2025 | 06.25-09.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |

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|-------------------|----------------|-----------------|----|-----|-----|----|-------------------------|---|-------|-------|------|-------|-------|---|-------------------|
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 42 | 1 | NW | 70 | Actitis hypoleucos | 1 | 15.11 | 0 | | | | | on the point |
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 42 | 1 | NW | 70 | Aquila nipalensis | 1 | 15.55 | 400 | | | 04.51 | | 1000 m 225, RF |
| OHL_VP_5 (SW) | 10.08.2 025 | 12.40- 18.40 | 38 | 1 | NW | 70 | Accipiter badius | 1 | 16.33 | 40 | N | | 03.47 | | 600 m 270, RF |
| OHL_VP_5 (SW) | 10.08.2 025 | 12.40- 18.40 | 38 | 1 | NW | 70 | Circus aeruginosus | 1 | 16.39 | 20 | SW | | 02.00 | | 25 m 150, RF |
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 38 | 1 | NW | 70 | Gallinula chloropus | 1 | 16.39 | 20 | SW | | | | on the point |
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 36 | 1 | NW | 70 | Aquila nipalensis | 1 | 17.00 | 400 | R | | 01.44 | | on the point |
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 36 | 1 | NW | 60 | Aquila nipalensis | 1 | 17.37 | 55 | NE | | 01.33 | | on the point |
| OHL_VP_5 (SW) | 10.08.2 025 | 12.40- 18.40 | 36 | 1 | NW | 60 | Accipiter badius | 1 | 17.40 | 10 | N | 01.00 | | | on the point |
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 34 | 0 | NW | 10 | Falco tinnunculus | 1 | 18.14 | 20 | W | | 00.20 | | on the point |
| OHL_VP_5 (NE) | 10.08.2 025 | 12.40- 18.40 | 34 | 0 | NW | 10 | Circaetus gallicus | 2 | 18.30 | 40 | | | 00.30 | | on the point |
| OHL_VP_7 (NE) | 09.08.2 025 | 13.45- 16.45 | 40 | 4 | N | 55 | Aquila nipalensis | 5 | 13.18 | 120 | | | 09.47 | | on the point |
| OHL_VP_7 (NE) | 09.08.2 025 | 13.45- 16.45 | 40 | 2 | NE | 50 | Aquila nipalensis | 1 | 13.47 | 80 | SE | | 04.37 | | 700 m 156, RF |
| OHL_VP_7 (NE) | 09.08.2 025 | 13.45- 16.45 | 40 | 3 | NE | 50 | Buteo rufinus | 1 | 13.47 | 45 | SE | | 01.42 | | 150 m 142, RF |
| OHL_VP_7 (NE) | 10.08.2 025 | 06.25- 09.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_4 (NW) | 10.08.2 025 | 12.00- 18.00 | 38 | 3 | NNW | 50 | Falco sp. | 1 | 16.34 | 10-20 | S | 00.20 | | | 150 m 337, RF |
| OHL_VP_4 (NW) | 10.08.2 025 | 12.00- 18.00 | 38 | 2 | NNW | 50 | Falco sp. | 1 | 16.41 | 10-20 | S | 00.09 | | | 330 m 50, RF |
| OHL_VP_10 (NW) | 11.08.2 025 | 08.00- 14.00 | 28 | 1 | SE | 0 | Falco sp. | 1 | 08.06 | 25 | W | | 01.42 | | 400 m 303, RF |
| OHL_VP_10 (SE) | 11.08.2 025 | 08.00- 14.00 | 28 | 2 | SE | 0 | Pterocles orientalis | 2 | 08.11 | 220 | NEE | 00.18 | | | 300 m 181, RF |
| OHL_VP_10 (SE) | 11.08.2 025 | 08.00- 14.00 | 29 | 1 | SE | 0 | Falco sp. | 1 | 08.19 | 20-40 | N | | 01.18 | | 50 m 170, RF |
| OHL_VP_10 (SE) | 11.08.2 025 | 08.00- 14.00 | 30 | 1 | SE | 0 | Pterocles orientalis | 3 | 09.09 | 20-50 | SWW | | 00.20 | | 150 m 83, RF |
| OHL_VP_2 (N) | 10.08.2 025 | 12.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_2 (S) | 10.08.2 025 | 12.00- 18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_1 (SE) | 25.07.2 025 | 08.30- 14.30 | 28 | 1,4 | NE | 0 | Aquila heliaca | 1 | 08.36 | 65 | N-W | | 06.43 | | 500 m/ 160, RF |
| OHL_VP_1 (SE) | 25.07.2 025 | 08.30- 14.30 | 27 | 1 | NE | 0 | Aquila sp. | 1 | 08.51 | 100 | NW-E | | 0.10 | | 300 m/ 330, RF |

| | | | | | | | | | | | | | | | |
|---------------|------------|-------------|----|-----|----|----|--------------------|---|-------|---------|--------------|------|-------|------|--------------------|
| OHL_VP_4 (NW) | 24.07.2025 | 12.35-18.35 | 34 | 3 | E | 0 | Falco tinnunculus | 1 | 16.47 | — | sitting | — | — | — | 200 m/ 341, RF |
| OHL_VP_4 (NW) | 24.07.2025 | 12.35-18.35 | 34 | 3 | E | 0 | Buteo rufinus | 1 | 16.49 | 10 | E-W | 0.50 | | | 1500 m/ 350, RF |
| OHL_VP_4 (NW) | 24.07.2025 | 12.35-18.35 | 34 | 3 | E | 0 | Tetrax tetrax | 3 | 17.03 | 22 | N-W | 1.43 | | | 500 m/ 342, RF |
| OHL_VP_7 (NE) | 23.07.2025 | 15.36-18.36 | 37 | 6 | E | 0 | Buteo rufinus | 1 | 14.47 | 30 | E-S | | 1.42 | | 500 m/ 73, RF |
| OHL_VP_7 (NE) | 24.07.2025 | 06.00-09.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Buteo rufinus | 1 | 09.31 | 20 | NW | 0.48 | | | 100 m/ 300, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Sterna hirundo | 2 | 09.23 | 20 | SW | 0.11 | | | 50 m/ 12, ↑ S |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Charadrii | 5 | 09.36 | 15 | NW | 0.31 | | | 150 m/ 345, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Alaudidae | 3 | 09.39 | 20-50 | NE | | 0.34 | | 1500 m/ 305, R→L |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Sterna hirundo | 1 | 09.42 | 10-20 | Circling, NW | 0.28 | | | 100 m/ 15, RF |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Circus aeruginosus | 1 | 09.43 | 50 | SW | | 1.24 | 0.30 | 300 m/ 305, R→L |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Falco tinnunculus | 1 | 09.52 | 10-20 | NNW | 0.25 | | | 200 m/ 17, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Circus aeruginosus | 1 | 09.53 | 10-20 | NW | 0.53 | | | 100 m/ 33, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Falco tinnunculus | 1 | 10.07 | 20-0 | Circling | 0.24 | | | 50 m/ 260, R→L |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 36 | — | — | 0 | Sterna hirundo | 1 | 10.09 | 20-30 | NW | | 0.38 | | 300 m/ 12, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 37 | — | — | 0 | Falco tinnunculus | 1 | 10.27 | 0-20 | hunting | 0.13 | | | 50 m/ 12, R→L |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 38 | — | — | 0 | Sterna hirundo | 1 | 10.55 | 10-20 | SE | 0.32 | | | 200 m/ 352, ↑ S |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 38 | — | — | 0 | Falco tinnunculus | 1 | 11.01 | 20-0-20 | hunting | 0.18 | | | 50 m/ 12, R→L |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 38 | — | — | 0 | Charadrii | 2 | 11.08 | 15 | NW | 0.11 | | | 200 m/ 330, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 40 | — | — | 0 | Falco tinnunculus | 1 | 11.29 | 20 | hunting | | 0.27 | | on the point, R→L |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 42 | — | — | 0 | Falco tinnunculus | 1 | 11.44 | 20 | hunting | 0.16 | | | on the point, ↑ N |
| OHL_VP_9 (NW) | 25.07.2025 | 09.20-15.20 | 42 | — | — | 0 | Sterna hirundo | 1 | 14.08 | 10-20 | SE | 0.20 | | | on the point, ↑ N |
| OHL_VP_6 (NE) | 23.07.2025 | 15.50-18.50 | 38 | 8 | NE | 10 | Buteo rufinus | 1 | 16.44 | 100 | N | | 01.12 | | 500 m/ 340, R→L |
| OHL_VP_6 (NE) | 24.07.2025 | 06.20-09.20 | 24 | 4.3 | E | 25 | Buteo rufinus | 1 | 07.42 | 50 | N | | 0.22 | | on the point, ↑ NE |

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|------------------|----------------|-----------------|----|-----|----|----|-------------------------|---|-------|--------|---------|-------|-------|-------|-----------------------|
| OHL_VP_6 (NE) | 24.07.2 025 | 06.20- 09.20 | 24 | 4.2 | E | 5 | Buteo rufinus | 1 | 08.03 | 10-0 | N | 10.02 | | | 300 m/ 20, ↑ NE |
| OHL_VP_6 (NE) | 24.07.2 025 | 06.20- 09.20 | 25 | 4.6 | E | 0 | Aquila sp. | 1 | 08.18 | 70 | N | | | 2.00 | on the point, RF |
| OHL_VP_6 (NE) | 24.07.2 025 | 06.20- 09.20 | 27 | 4.8 | E | 0 | Buteo rufinus | 2 | 08.35 | 80 | SW | | | 1,07 | 1000 m/ 213, R→L |
| OHL_VP_6 (SW) | 24.07.2 025 | 06.20- 09.20 | 24 | 4.3 | E | 25 | Aquila sp. | 1 | 07.51 | 20-0 | N | 03.40 | | | 1000 m/ 245, RF |
| OHL_VP_6 (SW) | 24.07.2 025 | 06.20- 09.20 | 25 | 4.6 | E | 0 | Aquila sp. | 1 | 08.15 | 100 | N | | | 03.29 | on the point, RF |
| OHL_VP_6 (SW) | 24.07.2 025 | 06.20- 09.20 | 27 | 4.6 | E | 0 | Aquila sp. | 1 | 08.32 | 80 | SW | | | 08.12 | on the point, RF |
| OHL_VP_6 (SW) | 24.07.2 025 | 06.20- 09.20 | 27 | 4.6 | E | 0 | Pterocles orientalis | 1 | 08.36 | 40 | W | | 0.33 | | 300 m/ 262, RF |
| OHL_VP_6 (SW) | 23.07.2 025 | 15.50- 18.50 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_5 (NE) | 24.07.2 025 | 16.30- 18.30 | 34 | 3 | E | 0 | Falco tinnunculus | 1 | 17.59 | 20 | N | | 0.45 | | on the point, R→L |
| OHL_VP_5 (NE) | 24.07.2 025 | 16.30- 18.30 | 32 | 3 | E | 0 | Falco tinnunculus | 1 | 19.24 | 20 | N | | 01.07 | | on the point, R→L |
| OHL_VP_5 (NE) | 24.07.2 025 | 16.30- 18.30 | 34 | 3 | E | 0 | Falco tinnunculus | 1 | 17.20 | 50 | NE | | 01.50 | | on the point, ↑ SW |
| OHL_VP_5 (NE) | 24.07.2 025 | 16.30- 18.30 | 34 | 3 | E | 0 | Phalacrocora x carbo | 1 | 17.30 | — | sitting | — | — | — | 100 m/ 170 |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 20 | — | — | 0 | Buteo rufinus | 1 | 05.16 | 20-30 | NE | | 0.44 | | on the point, R→L |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 21 | — | — | 0 | Falco tinnunculus | 1 | 05.46 | 20 | NW | 0.18 | | | 200 m/ 133, R→L |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 22 | — | — | 0 | Falco tinnunculus | 1 | 06.10 | 20 | SE | 0.15 | | | 50 m/ 347, R→L |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 23 | — | — | 0 | Anas acuta | 3 | 06.34 | 10-20 | SE | 0.26 | | | 300 m/ 15, R→L |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 23 | — | — | 0 | Buteo rufinus | 1 | 06.37 | 10-20 | SE | 1.18 | | | 1000 m/ 33, R→L |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 24 | — | — | 0 | Tadorna ferruginea | 3 | 06.51 | 20-30 | SW | | 0.17 | | 300 m/ 115, ↑ SW |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 25 | — | — | 0 | Falco tinnunculus | 1 | 07.07 | 10-20 | S | 0.22 | | | 300 m/ 20, L→R |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 27 | — | — | 0 | Falco tinnunculus | 1 | 07.18 | 10-20 | SE | 0.16 | | | 300 m/ 30, L→R |
| OHL_VP_5 (NE) | 25.07.2 025 | 05.00- 08.00 | 30 | — | — | 0 | Falco tinnunculus | 1 | 07.33 | 10-20 | S | 0.30 | | | 300 m/ 250, L→R |
| OHL_VP_2 (S) | 24.07.2 025 | 08.25- 14.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_2 (N) | 24.07.2 025 | 08.25- 14.25 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_5 (SW) | 24.07.2 025 | 16.30- 19.30 | 36 | 2 | NE | 0 | Anatinae | 3 | 16.34 | 50-100 | S | | | 0.24 | 2000 m/ 245, R→L |

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|----------------|------------|-------------|----|-----|-----|----|----------------------|---|-------|---------|-----|------|-------|-------|-------------------|
| OHL_VP_5 (SW) | 24.07.2025 | 16.30-19.30 | 36 | 2.5 | NE | 0 | Raptor | 1 | 16.50 | Sitting | — | — | — | — | 400 m/ 205 |
| OHL_VP_5 (SW) | 24.07.2025 | 16.30-19.30 | 35 | 2 | NE | 0 | Anatinae | 3 | 17.02 | 50-100 | S | | | 0.31 | 2000 m/ 260, R→L |
| OHL_VP_5 (SW) | 24.07.2025 | 16.30-19.30 | 34 | 1.5 | NE | 0 | Falco tinnunculus | 1 | 17.20 | 40 | N | | 0.18 | | 300 m/ 185, L→R |
| OHL_VP_5 (SW) | 24.07.2025 | 16.30-19.30 | 33 | 1 | NE | 0 | Actitis hypoleucos | 1 | 17.49 | 15 | E | 0.03 | | | on the point, L→R |
| OHL_VP_5 (SW) | 24.07.2025 | 16.30-19.30 | 33 | 1 | NE | 0 | Gallinula chloropus | 1 | 17.50 | Voice | — | — | — | — | 50 m/ 90 |
| OHL_VP_5 (SW) | 24.07.2025 | 16.30-19.30 | 32 | 1.5 | NE | 0 | Hirundo rustica | 1 | 18.33 | 15 | E | 0.07 | | | on the point, L→R |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 19 | — | — | 0 | Milvus migrans | 1 | 05.20 | 20-50 | W | | 01.20 | | 500 m/ 260, RF |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 20 | — | — | 0 | Anatinae | 6 | 05.38 | 100 | S | | | 0.24 | 1500 m/ 250, R→L |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 20 | — | — | 0 | Raptor | 1 | 05.47 | 50 | S | | | 01.18 | 1800 m/ 225, RF |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 22 | — | — | 0 | Porzana porzana | 5 | 05.56 | 10-20 | SE | 0.20 | | | 200 m/ 311, R→L |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 22 | — | — | 0 | Circus aeruginosus | 1 | 06.04 | 5-25 | NW | 0.21 | 0.08 | | 700 m/ 207, L→R |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 22 | — | — | 0 | Tringa ochropus | 2 | 06.11 | 10-20 | NW | 0.15 | | | on the point, R→L |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 23 | — | — | 0 | Anas platyrhynchos | 4 | 06.24 | 10-20 | S | 0.21 | | | 200 m/ 305, R→L |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 23 | — | — | 0 | Apus apus | 2 | 06.39 | — | — | — | — | — | — |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 25 | — | — | 0 | Falco tinnunculus | 1 | 07.03 | 10 | NE | 0.25 | | | 200 m/ 160, R→L |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 30 | — | — | 0 | Anas platyrhynchos | 1 | 07.47 | 10 | SE | 0.12 | | | 150 m/ 135, RF |
| OHL_VP_5 (SW) | 25.07.2025 | 05.00-08.00 | 30 | — | — | 0 | Falco tinnunculus | 1 | 07.52 | 10-20 | SEE | 0.16 | | | 50 m/ 180, R→L |
| OHL_VP_8 (W) | 24.07.2025 | 07.30-10.30 | 25 | 4.5 | E | 0 | Pterocles orientalis | 2 | 07.37 | 15-20 | S | 0.19 | | | 150 m/ 75, L→R |
| OHL_VP_8 (W) | 24.07.2025 | 11.00-14.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_10 (NW) | 25.07.2025 | 10.00-16.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_10 (SE) | 25.07.2025 | 10.00-16.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_7 (NE) | 14.06.2025 | 09.40-15.40 | 35 | 3.2 | E | 15 | Buteo rufinus | 1 | 11.43 | 5-10 | NW | 5.14 | | | 300 m/ 80 |
| OHL_VP_7 (NE) | 14.06.2025 | 09.40-15.40 | 35 | 3.2 | E | 15 | Buteo rufinus | 1 | 12.10 | 5-10 | SE | 2.07 | | | 150 m/ 90 |
| OHL_VP_4 (NW) | 21.06.2025 | 09.00-15.00 | 33 | 0.7 | SSE | 15 | Buteo rufinus | 1 | 11.10 | 50-100 | NW | | | 2.10 | 200 m/ 280 |

| | | | | | | | | | | | | | | | |
|---------------|------------|-------------|----|-----|----|----|----------------------|---|-------|--------|------|------|-------|-------|--------------------|
| OHL_VP_2 (S) | 21.06.2025 | 08.00-14.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_2 (N) | 21.06.2025 | 08.00-14.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_1 (SE) | 21.06.2025 | 07.45-13.45 | 29 | 2 | S | 0 | Pterocles orientalis | 1 | 08.08 | 20 | E | 0.19 | | | on the point, R→L |
| OHL_VP_1 (SE) | 21.06.2025 | 07.45-13.45 | 30 | — | — | — | Circaetus gallicus | 1 | 08.41 | 200 | SW | | | 4.03 | on the point, L→R |
| OHL_VP_1 (SE) | 21.06.2025 | 07.45-13.45 | 37 | 1,5 | N | 0 | Circaetus gallicus | 1 | 10.20 | 200 | SW | | | 4.39 | on the point, L→R |
| OHL_VP_6 (SW) | 14.06.2025 | 10.15-16.15 | 35 | 4.8 | NE | 20 | Buteo rufinus | 3 | 11.50 | 50 | N | | 3.40 | 1.08 | on the point, ↑ SW |
| OHL_VP_6 (SW) | 14.06.2025 | 10.15-16.15 | 37 | 4.4 | NE | 40 | Buteo rufinus | 1 | 12.22 | 200 | SW | | | 2.16 | 500 m 60 RF |
| OHL_VP_6 (SW) | 14.06.2025 | 10.15-16.15 | 37 | 6.5 | NE | 80 | Buteo rufinus | 3 | 13.24 | 120 | W | | | 1.40 | on the point, L→R |
| OHL_VP_6 (SW) | 14.06.2025 | 10.15-16.15 | 37 | 3.5 | NE | 70 | Buteo rufinus | 1 | 13.50 | 120 | W | | | 03.00 | on the point, L→R |
| OHL_VP_6 (SW) | 14.06.2025 | 10.15-16.15 | 35 | 3.9 | NE | 80 | Buteo rufinus | 1 | 15.56 | 20 | SE | | | 01.00 | on the point, L→R |
| OHL_VP_6 (NE) | 14.06.2025 | 14.06.2025 | 33 | 3 | NE | 0 | Aquila nipalensis | 1 | 10.30 | 60 | NE | | | 3.41 | on the point, ↑ NE |
| OHL_VP_6 (NE) | 14.06.2025 | 14.06.2025 | 33 | 4.1 | NE | 20 | Buteo rufinus | 3 | 11.51 | 200 | N | | | 1.00 | on the point, ↑ NE |
| OHL_VP_6 (NE) | 14.06.2025 | 14.06.2025 | 35 | 3.5 | NE | 50 | Buteo rufinus | 1 | 14.00 | 10 | N | 0.49 | | | on the point, R→L |
| OHL_VP_5 (SW) | 21.06.2025 | 09.55-15.55 | 34 | — | — | 0 | Falco tinnunculus | 1 | 10.01 | 50 | RF | | 04.08 | | 1500 m/ 228, RF |
| OHL_VP_5 (SW) | 21.06.2025 | 09.55-15.55 | 34 | — | — | 0 | Falco tinnunculus | 1 | 10.44 | 100 | RF | | | 01.12 | 500 m/ 180, RF |
| OHL_VP_5 (SW) | 21.06.2025 | 09.55-15.55 | 36 | — | — | 0 | Falco tinnunculus | 1 | 13.12 | 60-100 | RF | | | 02.05 | 200 m/ 181, L→R |
| OHL_VP_5 (NE) | 21.06.2025 | 09.55-15.55 | 34 | — | — | 0 | Falco tinnunculus | 1 | 10.35 | 0-20 | NNW | 1.38 | | | 500 m/ 45, RF |
| OHL_VP_5 (NE) | 21.06.2025 | 09.55-15.55 | 34 | — | — | 0 | Falco tinnunculus | 1 | 11.11 | 10-50 | RF | 1.08 | 03.37 | | 700 m/ 74, RF |
| OHL_VP_5 (NE) | 21.06.2025 | 09.55-15.55 | 36 | — | — | 0 | Falco tinnunculus | 1 | 12.16 | 70-100 | SSE | | | 03.18 | 300 m/ 48, RF |
| OHL_VP_8 (W) | 14.06.2025 | 12.00-18.00 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| OHL_VP_3 (N) | 21.06.2025 | 08.10-14.10 | 31 | — | — | 0 | Buteo rufinus | 1 | 08.10 | 100 | NEE | | | 3.00 | 700 m/ 343, RF |
| OHL_VP_3 (N) | 21.06.2025 | 08.10-14.10 | 33 | — | — | 0 | Buteo rufinus | 1 | 08.34 | 50 | NE-W | | | 4.12 | 300 m/ 334, RF |
| OHL_VP_3 (N) | 21.06.2025 | 08.10-14.10 | 35 | — | — | 0 | Buteo rufinus | 1 | 08.35 | 50 | N-NW | | | | 400 m/ 267, RF |
| OHL_VP_3 (N) | 21.06.2025 | 08.10-14.10 | 37 | — | — | 0 | Buteo rufinus | 1 | 09.19 | 10 | NE-E | | | 06.45 | 1000 m/ 239, RF |

| | | | | | | | | | | | | | | | |
|-----------------|----------------|-----------------|----|---|---|---|---------------|---|-------|----|----|------|--|--|------------------|
| OHL_VP_3 (N) | 21.06.2 025 | 08.10- 14.10 | 39 | — | — | 0 | Buteo rufinus | 1 | 09.56 | 50 | SW | 4.10 | | | 200 m/ 90, RF |
|-----------------|----------------|-----------------|----|---|---|---|---------------|---|-------|----|----|------|--|--|------------------|

Annex 4.3 En route observations in June-August 2025

| Date | Coordinates | Species | Count | Other information |
|------------|-----------------------|-------------------------|-------|-------------------|
| 13.05.2025 | N44.588496 E73.697997 | Testudo horsfieldi | 1 | 10 m |
| 10.08.2025 | N43.952151 E73.605428 | Alcedo atthis | 1 | |
| 10.08.2025 | N43.952151 E73.605428 | Acrocephalus dumetorum | 1 | |
| 10.08.2025 | N43.952151 E73.605428 | Luscinia megarhynchos | 1 | |
| 20.07.2025 | N44.761034 E73.247972 | Ovis ammon | 3 | |
| 24.07.2025 | N43.952151 E73.605428 | Perdix perdix | 1 | |
| 24.07.2025 | N43.952151 E73.605428 | Canis aureus | 1 | |
| 19.07.2025 | N44.786570 E73.253714 | Ovis ammon | 5 | |
| 24.07.2025 | N44.454131 E73.738608 | Gazella subgutturosa | 1 | |
| 19.07.2025 | N44.509627 E73.567554 | Cercotrichas galactotes | 1 | |
| 20.07.2025 | N44.736724 E73.343595 | Gazella subgutturosa | 4 | |
| 21.07.2025 | N44.736724 E73.343595 | Gazella subgutturosa | 2 | |
| 25.07.2025 | N43.952151 E73.605428 | Canis aureus | 1 | |
| 19.07.2025 | N44.76194 E73.30798 | Circaetus gallicus | 1 | |
| 20.07.2025 | N44.73626 E73.34974 | Melanocorypha calandra | 1 | |
| 23.07.2025 | N44.67597 E73.77233 | Himantopus himantopus | 1 | |
| 09.08.2025 | N44.72662 E73.42126 | Alauda leucoptera | 1 | |
| 09.08.2025 | N45.07117 E73.90201 | Accipiter nisus | 1 | |
| 10.08.2025 | N45.08792 E73.93450 | Buteo rufinus | 1 | |
| 10.08.2025 | N43.952151 E73.605428 | Tachyspiza badia | 1 | |
| 24.07.2025 | N43.952151 E73.605428 | Motacilla feldegg | 1 | |
| 10.08.2025 | N44.735787 E73.599566 | Charadrius dubius | 4 | |
| 17.06.2025 | N44.832419 E73.255874 | Parus major | 2 | |
| 17.06.2025 | N44.832419 E73.255874 | Parus bokharensis | 4 | |
| 10.08.2025 | N44.663048 E73.848617 | Acridotheres tristis | 2 | |
| 10.08.2025 | N44.663048 E73.848617 | Sturnus vulgaris | 1 | |

| | | | | |
|------------|-----------------------|--------------------------|----|--|
| 10.08.2025 | N44.663048 E73.848617 | Pastor roseus | 34 | |
| 10.08.2025 | N44.663048 E73.848617 | Passer domesticus | 4 | |
| 21.07.2025 | N44.616166 E73.391810 | Fringilla montifringilla | 4 | |
| 21.07.2025 | N44.762774 E73.311746 | Sus scrofa | 1 | |
| 22.07.2025 | N44.618432 E73.392667 | Ovis ammon | 3 | |
| 18.06.2025 | N44.618432 E73.392667 | Ovis ammon | 2 | |

Annex 4.4 Transect observations in June-August 2025

| Transect Name | Date | Start time | Transect Length (km) | Transect Time (min) | Species (in order of detection) | Count | Age/Sex | Other information |
|---------------|------------|------------|----------------------|---------------------|---------------------------------|-------|---------|-------------------|
| M04 | 19.07.2025 | 10:02 | 1,56 | 46 | Curruca nana | 5 | — | — |
| M04 | 19.07.2025 | 10:02 | 1,56 | 46 | Cercotrichas galactotes | 1 | — | — |
| M04 | 19.07.2025 | 10:02 | 1,56 | 46 | Athene noctua | 1 | — | — |
| M04 | 19.07.2025 | 10:02 | 1,56 | 46 | Oenanthe isabellina | 10 | — | — |
| M04 | 19.07.2025 | 10:02 | 1,56 | 46 | Oenanthe pleschanka | 2 | — | — |
| X05 | 20.07.2025 | 9:55 | 1,6 | 30 | Curruca nana | 3 | — | — |
| X05 | 20.07.2025 | 9:55 | 1,6 | 30 | Oenanthe pleschanka | 1 | — | — |
| X05 | 20.07.2025 | 9:55 | 1,6 | 30 | Oenanthe isabellina | 2 | — | — |
| X05 | 20.07.2025 | 9:55 | 1,6 | 30 | Oenanthe deserti | 2 | — | — |
| X05 | 20.07.2025 | 9:55 | 1,6 | 30 | Melanocorypha calandra | 8 | — | — |
| X05 | 20.07.2025 | 9:55 | 1,6 | 30 | Anthus campestris | 4 | — | — |
| M15 | 21.07.2025 | 10:15 | 1,5 | 30 | Pterocles orientalis | 6 | — | — |
| M15 | 21.07.2025 | 10:15 | 1,5 | 30 | Oenanthe deserti | 2 | — | — |
| M15 | 21.07.2025 | 10:15 | 1,5 | 30 | Curruca nana | 4 | — | — |
| M15 | 21.07.2025 | 10:15 | 1,5 | 30 | Oenanthe isabellina | 2 | — | — |
| M15 | 21.07.2025 | 10:15 | 1,5 | 30 | Oenanthe pleschanka | 2 | — | — |
| M15 | 21.07.2025 | 10:15 | 1,5 | 30 | Curruca nana | 4 | — | — |
| M13 | 22.07.2025 | 10:26 | 2,39 | 32 | Alectoris chukar | 10 | — | — |
| M06 | 23.07.2025 | 10:25 | 2,25 | 32 | — | — | — | — |
| OHL_VP_06 | 23.07.2025 | 15:00 | 1,7 | 40 | Anthus campestris | 4 | — | — |
| OHL_VP_06 | 23.07.2025 | 15:00 | 1,7 | 40 | Oenanthe deserti | 1 | — | — |

| | | | | | | | | |
|-----------|------------|-------|------|----|----------------------------|----|---|---|
| OHL_VP_06 | 23.07.2025 | 15:00 | 1,7 | 40 | Curruca nana | 2 | — | — |
| OHL_VP_06 | 23.07.2025 | 15:00 | 1,7 | 40 | Pterocles orientalis | 2 | — | — |
| OHL_VP_06 | 23.07.2025 | 15:00 | 1,7 | 40 | Oenanthe isabellina | 3 | — | — |
| OHL_VP_06 | 23.07.2025 | 15:00 | 1,7 | 40 | Melanocorypha calandra | 4 | — | — |
| OHL_VP_07 | 24.07.2025 | 9:04 | 1,75 | 31 | Oenanthe deserti | 2 | — | — |
| OHL_VP_07 | 24.07.2025 | 9:04 | 1,75 | 31 | Caprimulgus europaeus | 1 | — | — |
| OHL_VP_07 | 24.07.2025 | 9:04 | 1,75 | 31 | Lepus tolai | 1 | — | — |
| M03 | 06.08.2025 | 7:03 | 1,5 | 30 | Curruca nana | 2 | — | — |
| M03 | 06.08.2025 | 7:03 | 1,5 | 30 | Alaudala heinei | 5 | — | — |
| M03 | 06.08.2025 | 7:03 | 1,5 | 30 | Athene noctua | 1 | — | — |
| M03 | 06.08.2025 | 7:03 | 1,5 | 30 | Lepus tolai | 1 | — | — |
| M06 | 06.08.2025 | 17:56 | 1,82 | 35 | Calandrella brachydactyla | 5 | — | — |
| M21 | 08.08.2025 | 17:24 | 1,19 | 32 | Oenanthe pleschanka | 5 | — | — |
| M21 | 08.08.2025 | 17:24 | 1,19 | 32 | Alectoris chukar | 10 | — | — |
| M10 | 08.08.2025 | 10:15 | 1,2 | 30 | Oenanthe isabellina | 4 | — | — |
| M10 | 08.08.2025 | 10:15 | 1,2 | 30 | Oenanthe pleschanka | 2 | — | — |
| M10 | 08.08.2025 | 10:15 | 1,2 | 30 | Curruca nana | 1 | — | — |
| M10 | 08.08.2025 | 10:15 | 1,2 | 30 | Oenanthe deserti | 1 | — | — |
| M10 | 08.08.2025 | 10:15 | 1,2 | 30 | Pterocles orientalis | 2 | — | — |
| OHL_VP_06 | 10.08.2025 | 9:25 | 1,5 | 30 | Pterocles orientalis | 1 | — | — |
| OHL_VP_06 | 10.08.2025 | 9:25 | 1,5 | 30 | Oenanthe deserti | 1 | — | — |
| OHL_VP_06 | 10.08.2025 | 9:25 | 1,5 | 30 | Curruca nana | 3 | — | — |
| OHL_VP_06 | 10.08.2025 | 9:25 | 1,5 | 30 | Oenanthe isabellina | 2 | — | — |
| OHL_VP_06 | 10.08.2025 | 9:25 | 1,5 | 30 | Oenanthe pleschanka | 1 | — | — |
| OHL_VP_05 | 10.08.2025 | 18.40 | 2,25 | 40 | Curruca nana | 2 | — | — |
| OHL_VP_05 | 10.08.2025 | 18.40 | 2,25 | 40 | Calidris temmincki | 2 | — | — |
| OHL_VP_05 | 10.08.2025 | 18.40 | 2,25 | 40 | Phrynocephalus helioscopus | 1 | — | — |
| OHL_VP_05 | 10.08.2025 | 18.40 | 2,25 | 40 | Actitis hypoleucos | 4 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Curruca nana | 2 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Falco tinnunculus | 1 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Sterna hirundo | 8 | — | — |

| | | | | | | | | |
|----------|------------|-------|-----|----|-------------------------|----|---|---------------------------|
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Anatinae | 11 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Circus aeruginosus | 1 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Charadrii | 14 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Alaudidae | 7 | — | — |
| OHL_VP_9 | 25.07.2025 | 11:30 | 1,9 | 40 | Oenanthe deserti | 2 | — | — |
| OHL_VP_5 | 25.07.2025 | 5:00 | 1,6 | 30 | Anatinae | 15 | — | — |
| OHL_VP_5 | 25.07.2025 | 5:00 | 1,6 | 30 | Curruca nana | 2 | — | — |
| OHL_VP_5 | 25.07.2025 | 5:00 | 1,6 | 30 | Anatinae | 8 | — | — |
| OHL_VP_5 | 25.07.2025 | 5:00 | 1,6 | 30 | Oenanthe | 3 | — | — |
| OHL_VP_5 | 25.07.2025 | 5:00 | 1,6 | 30 | Falco tinnunculus | 1 | — | — |
| OHL_VP_5 | 25.07.2025 | 5:00 | 1,6 | 30 | Buteo rufinus | 1 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Saxicola maurus | 1 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Oenanthe isabellina | 2 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Curruca nana | 4 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Alaudidae | 4 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Gerbillinae | | — | burrows, 10-15, inhabited |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Alectoris chukar | 18 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Upupa epops | 1 | — | — |
| OHL_VP_8 | 24.07.2025 | 10:30 | 1,2 | 30 | Oenanthe pleschanka | 2 | — | — |
| M32 | 23.07.2025 | 10:15 | 2,5 | 60 | Alaudidae | 14 | — | — |
| M32 | 23.07.2025 | 10:15 | 2,5 | 60 | Oenanthe | 8 | — | — |
| M32 | 23.07.2025 | 10:15 | 2,5 | 60 | Curruca nana | 2 | — | — |
| M32 | 23.07.2025 | 10:15 | 2,5 | 60 | Oenanthe pleschanka | 2 | — | — |
| M11 | 22.07.2025 | 10:00 | 1,6 | 30 | Alaudidae | 34 | — | — |
| M11 | 22.07.2025 | 10:00 | 1,6 | 30 | Oenanthe | 12 | — | — |
| M11 | 22.07.2025 | 10:00 | 1,6 | 30 | Cercotrichas galactotes | 1 | — | — |
| M16 | 21.07.2025 | 10:05 | 1,2 | 30 | Alaudidae | 4 | — | — |
| M16 | 21.07.2025 | 10:05 | 1,2 | 30 | Curruca nana | 1 | — | — |
| M16 | 21.07.2025 | 10:05 | 1,2 | 30 | Lanius meridionalis | 1 | — | — |
| M16 | 21.07.2025 | 10:05 | 1,2 | 30 | Oenanthe oenanthe | 2 | — | — |
| M20 | 20.07.2025 | 10:10 | 1,9 | 40 | Oenanthe deserti | 2 | — | — |

| | | | | | | | | |
|-----|------------|-------|-----|----|----------------------|----|---|---|
| M20 | 20.07.2025 | 10:10 | 1,9 | 40 | Alaudidae | 7 | — | — |
| M20 | 20.07.2025 | 10:10 | 1,9 | 40 | Oenanthe isabellina | 2 | — | — |
| M20 | 20.07.2025 | 10:10 | 1,9 | 40 | Circaetus gallicus | 1 | — | — |
| M20 | 20.07.2025 | 10:10 | 1,9 | 40 | Oenanthe oenanthe | 2 | — | — |
| M20 | 20.07.2025 | 10:10 | 1,9 | 40 | Hirundo rustica | 1 | — | — |
| M01 | 19.07.2025 | 10:00 | 1,2 | 30 | Alaudidae | 4 | — | — |
| M01 | 19.07.2025 | 10:00 | 1,2 | 30 | Oenanthe | 2 | — | — |
| M01 | 19.07.2025 | 10:00 | 1,2 | 30 | Eremias arguta | 1 | — | — |
| M01 | 19.07.2025 | 10:00 | 1,2 | 30 | Vulpes vulpes | 1 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Oenanthe oenanthe | 4 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Alaudidae | 25 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Lanius meridionalis | 2 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Falco subbuteo | 1 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Curruca nana | 5 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Oenanthe deserti | 2 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Saxicola maurus | 2 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Rhodospiza obsoleta | 1 | — | — |
| M20 | 10.08.2025 | 7:00 | 1,2 | 30 | Coturnix coturnix | 2 | — | — |
| M16 | 09.08.2025 | 10:20 | 1,8 | 40 | Oenanthe | 4 | — | — |
| M16 | 09.08.2025 | 10:20 | 1,8 | 40 | Alaudidae | 8 | — | — |
| M16 | 09.08.2025 | 10:20 | 1,8 | 40 | Curruca nana | 6 | — | — |
| M16 | 09.08.2025 | 10:20 | 1,8 | 40 | Pterocles orientalis | 5 | — | — |
| M16 | 09.08.2025 | 10:20 | 1,8 | 40 | Lanius meridionalis | 2 | — | — |
| M16 | 09.08.2025 | 10:20 | 1,8 | 40 | Saxicola maurus | 1 | — | — |
| M13 | 08.08.2025 | 10:35 | 2,6 | 39 | Oenanthe isabellina | 2 | — | — |
| M13 | 08.08.2025 | 10:35 | 2,6 | 39 | Oenanthe deserti | 2 | — | — |
| M13 | 08.08.2025 | 10:35 | 2,6 | 39 | Athene noctua | 1 | — | — |
| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Oenanthe deserti | 2 | — | — |
| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Oenanthe deserti | 2 | — | — |
| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Oenanthe deserti | 4 | — | — |
| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Alaudidae | 3 | — | — |

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| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Alaudidae | 4 | — | — |
| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Curruca nana | 2 | — | — |
| M08 | 07.08.2025 | 7:05 | 1,1 | 60 | Lanius meridionalis | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Pterocles orientalis | 4 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Motacilla alba | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Oenanthe isabellina | 2 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Alaudidae | 4 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Alaudidae | 2 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Alaudidae | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Alaudidae | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Oenanthe oenanthe | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Curruca nana | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Aquila nipalensis | 1 | — | — |
| M04 | 06.08.2025 | 7:20 | 1,4 | 34 | Gerbillinae | | | burrows, 10-15, inhabited |
| M02 | 19.07.2025 | 10:23 | 1,5 | 40 | Melanocorypha calandra | 3 | — | — |
| M02 | 19.07.2025 | 10:23 | 1,5 | 40 | Alauda arvensis | 8 | — | — |
| M02 | 19.07.2025 | 10:23 | 1,5 | 40 | Calandrella brachydactyla | 8 | — | — |
| M02 | 19.07.2025 | 10:23 | 1,5 | 40 | Oenanthe pleschanka | 12 | — | — |
| M02 | 19.07.2025 | 10:23 | 1,5 | 40 | Curruca nana | 1 | — | — |
| M02 | 19.07.2025 | 10:23 | 1,5 | 40 | Alectoris chukar | | — | Sound |
| M19 | 20.07.2025 | 9:50 | 1,8 | 45 | Calandrella brachydactyla | 14 | — | — |
| M19 | 20.07.2025 | 9:50 | 1,8 | 45 | Emberiza bruniceps | 4 | — | — |
| M19 | 20.07.2025 | 9:50 | 1,8 | 45 | Curruca nana | 1 | — | — |
| M19 | 20.07.2025 | 9:50 | 1,8 | 45 | Cercotrichas galactotes | 1 | — | — |
| M19 | 20.07.2025 | 9:50 | 1,8 | 45 | Curruca curruca | 1 | — | — |
| M19 | 20.07.2025 | 9:50 | 1,8 | 45 | Anthus campestris | 1 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Melanocorypha calandra | 3 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Alauda arvensis | 6 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Calandrella brachydactyla | 1 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Alaudidae | 6 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Anthus campestris | 4 | — | — |

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| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Oenanthe pleschanka | 4 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Emberiza bruniceps | 2 | — | — |
| M17 | 21.07.2025 | 10:20 | 1,5 | 30 | Pterocles orientalis | 4 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Curruca nana | 1 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Calandrella brachydactyla | 2 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Emberiza bruniceps | 2 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Anthus campestris | 2 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Alaudidae | 3 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Alauda arvensis | 3 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Oenanthe deserti | 4 | — | — |
| M08 | 22.07.2025 | 10:20 | 1,5 | 40 | Oenanthe | 3 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Gerbillinae | | — | burrows, inhabited, unhabited |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Calandrella brachydactyla | 10 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Alauda arvensis | 1 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Melanocorypha calandra | 4 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Alaudidae | 15 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Curruca nana | 3 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Lanius meridionalis | 1 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Lanius phoenicuroides | 3 | — | — |
| M07 | 23.07.2025 | 9:50 | 1,5 | 40 | Oenanthe deserti | 5 | — | — |
| OHL_VP_2 | 24.07.2025 | 11:25 | 1,5 | 40 | Gerbillinae | | — | burrows, inhabited, unhabited |
| OHL_VP_2 | 24.07.2025 | 11:25 | 1,5 | 40 | Curruca nana | 1 | — | — |
| OHL_VP_2 | 24.07.2025 | 11:25 | 1,5 | 40 | Anthus campestris | 4 | — | — |
| OHL_VP_2 | 24.07.2025 | 11:25 | 1,5 | 40 | Oenanthe pleschanka | 5 | — | — |
| OHL_VP_2 | 24.07.2025 | 11:25 | 1,5 | 40 | Alectoris chukar | 51 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Pterocles orientalis | 4 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Pterocles orientalis | 6 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Pterocles orientalis | 9 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Alauda arvensis | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Alauda arvensis | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Alauda arvensis | 4 | — | — |

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| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe isabellina | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe pleschanka | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe pleschanka | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Curruca nana | 3 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Curruca nana | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Melanocorypha calandra | 1 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Melanocorypha calandra | 4 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Melanocorypha calandra | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Calandrella brachydactyla | 6 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Calandrella brachydactyla | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Calandrella brachydactyla | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Calandrella brachydactyla | 4 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Calandrella brachydactyla | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe deserti | 1 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe deserti | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe deserti | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe deserti | 3 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Oenanthe deserti | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Lanius meridionalis | 1 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Anthus campestris | 1 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Anthus campestris | 1 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Anthus campestris | 2 | — | — |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Gerbillinae | | — | burrows, 11, inhabited |
| P02 | 06.08.2025 | 6:50 | 1,5 | 30 | Arvicolinae | | — | burrows, inhabited, uninhabited |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Ellobius | | — | burrows |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Gerbillinae | | — | burrows, 26, inhabited |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Calandrella brachydactyla | 6 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Calandrella brachydactyla | 4 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Calandrella brachydactyla | 2 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Calandrella brachydactyla | 1 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Calandrella brachydactyla | 8 | — | — |

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| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Alaudidae | 25 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Melanocorypha calandra | 4 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Melanocorypha bimaculata | 8 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Anthus campestris | 9 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Curruca nana | 7 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Lanius meridionalis | 6 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Pterocles orientalis | 11 | — | — |
| M07 | 07.08.2025 | 6:35 | 1,5 | 30 | Cercotrichas galactotes | 3 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Ellobius | | — | burrows |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Gerbillinae | | — | burrows, inhabited, unhabited |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Allactaga major | | — | burrows, inhabited, 2 |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Corvus ruficollis | 2 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Pterocles orientalis | 8 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Alaudidae | 50 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Anthus campestris | 8 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Curruca nana | 3 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Melanocorypha calandra | 8 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Oenanthe deserti | 7 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Melanocorypha bimaculata | 4 | — | — |
| X05 | 08.08.2025 | 7:18 | 1,5 | 30 | Lanius meridionalis | 1 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Gerbillinae | | — | burrows, inhabited, unhabited |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Pterocles orientalis | 11 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Alectoris chukar | 20 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Lanius phoenicuroides | 3 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Emberiza bruniceps | 2 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Curruca nana | 6 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Oenanthe deserti | 8 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Melanocorypha calandra | 12 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Alaudidae | 51 | — | — |
| M17 | 09.08.2025 | 7:03 | 2,2 | 50 | Anthus campestris | 6 | — | — |
| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Anthus campestris | 7 | — | — |

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| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Curruca nana | 6 | — | — |
| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Curruca curruca | 1 | — | — |
| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Melanocorypha calandra | 7 | — | — |
| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Alaudidae | 9 | — | — |
| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Saxicola maurus | 1 | — | — |
| M26 | 10.08.2025 | 5:20 | 1,5 | 35 | Oenanthe deserti | 7 | — | — |
| M02 | 06.08.2025 | 11:30 | 0,85 | 30 | Alaudidae | 16 | — | — |
| M02 | 06.08.2025 | 11:30 | 0,85 | 30 | Oenanthe | 7 | — | — |
| M02 | 06.08.2025 | 11:30 | 0,85 | 30 | Curruca nana | 1 | — | — |
| M32 | 07.08.2025 | 10.00 | 1,1 | 30 | Alaudidae | 7 | — | — |
| M32 | 07.08.2025 | 10.00 | 1,1 | 30 | Oenanthe | 11 | — | — |
| M32 | 07.08.2025 | 10.00 | 1,1 | 30 | Pterocles orientalis | 4 | — | — |
| M12 | 08.08.2025 | 10.00 | 1,8 | 40 | Alaudidae | 18 | — | — |
| M12 | 08.08.2025 | 10.00 | 1,8 | 40 | Oenanthe | 11 | — | — |
| M12 | 08.08.2025 | 10.00 | 1,8 | 40 | Pterocles orientalis | 21 | — | — |
| M19 | 09.08.2025 | 10.00 | 1,6 | 30 | Pterocles orientalis | 2 | — | — |
| M19 | 09.08.2025 | 10.00 | 1,6 | 30 | Alaudidae | 11 | — | — |
| M19 | 09.08.2025 | 10.00 | 1,6 | 30 | Oenanthe | 4 | — | — |
| OHL_VP_1 | 25.07.2025 | 08.00 | 1,4 | 30 | Alaudidae | 18 | — | — |
| OHL_VP_1 | 25.07.2025 | 08.00 | 1,4 | 30 | Oenanthe | 8 | — | — |
| OHL_VP_1 | 25.07.2025 | 08.00 | 1,4 | 30 | Pterocles orientalis | 2 | — | — |
| OHL_VP_6 | 24.07.2025 | 9:20 | 1,8 | 35 | Oenanthe isabellina | 1 | — | — |
| OHL_VP_6 | 24.07.2025 | 9:20 | 1,8 | 35 | Oenanthe pleschanka | 2 | — | — |
| OHL_VP_6 | 24.07.2025 | 9:20 | 1,8 | 35 | Alaudidae | 1 | — | — |
| OHL_VP_6 | 24.07.2025 | 9:20 | 1,8 | 35 | Oenanthe oenanthe | 1 | — | — |
| OHL_VP_6 | 24.07.2025 | 9:20 | 1,8 | 35 | Anthus campestris | 6 | — | — |
| OHL_VP_7 | 10.08.2025 | 9:25 | 2 | 40 | Alaudidae | 22 | — | — |
| OHL_VP_7 | 10.08.2025 | 9:25 | 2 | 40 | Oenanthe deserti | 2 | — | — |
| OHL_VP_7 | 10.08.2025 | 9:25 | 2 | 40 | Oenanthe | 13 | — | — |
| OHL_VP_7 | 10.08.2025 | 9:25 | 2 | 40 | Curruca nana | 4 | — | — |
| OHL_VP_4 | 10.08.2025 | 18.00 | 2 | 40 | Oenanthe | 4 | — | — |

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| OHL_VP_4 | 10.08.2025 | 18:00 | 2 | 40 | Alaudidae | 8 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Oenanthe | 15 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Alaudidae | 13 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Pterocles orientalis | 4 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Curruca nana | 3 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Apus apus | 8 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Upupa epops | 1 | — | — |
| M11 | 09.08.2025 | 7:00 | 2,2 | 40 | Alectoris chukar | 21 | — | — |
| X04 | 08.08.2025 | 7:35 | 1,6 | 30 | Oenanthe | 5 | — | — |
| X04 | 08.08.2025 | 7:35 | 1,6 | 30 | Pterocles orientalis | 17 | — | — |
| X04 | 08.08.2025 | 7:35 | 1,6 | 30 | Alaudidae | 7 | — | — |
| X04 | 08.08.2025 | 7:35 | 1,6 | 30 | Anthus campestris | 1 | — | — |
| P06 | 08.08.2025 | 16:35 | 1,8 | 40 | Oenanthe isabellina | 4 | — | — |
| P06 | 08.08.2025 | 16:35 | 1,8 | 40 | Oenanthe deserti | 12 | — | — |
| P06 | 08.08.2025 | 16:35 | 1,8 | 40 | Curruca nana | 6 | — | — |
| P06 | 08.08.2025 | 16:35 | 1,8 | 40 | Apus apus | 3 | — | — |
| P06 | 08.08.2025 | 16:35 | 1,8 | 40 | Alaudidae | 1 | — | — |
| M01 | 07.08.2025 | 7:10 | 1,3 | 30 | Caprimulgus europaeus | 1 | — | — |
| M01 | 07.08.2025 | 7:10 | 1,3 | 30 | Pterocles orientalis | 2 | — | — |
| M01 | 07.08.2025 | 7:10 | 1,3 | 30 | Alaudidae | 2 | — | — |
| M01 | 07.08.2025 | 7:10 | 1,3 | 30 | Oenanthe | 2 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 1,8 | 30 | Oenanthe | 18 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 1,8 | 30 | Alaudidae | 4 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 1,8 | 30 | Curruca nana | 1 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 1,8 | 30 | Oenanthe isabellina | 1 | — | — |
| OHL_VP_4 | 24.07.2025 | 18:30 | 1,8 | 40 | Alaudidae | 24 | — | — |
| OHL_VP_4 | 24.07.2025 | 18:30 | 1,8 | 40 | Oenanthe | 11 | — | — |
| M09 | 23.07.2025 | 10:05 | 1,4 | 30 | Anthus campestris | 1 | — | — |
| M09 | 23.07.2025 | 10:05 | 1,4 | 30 | Melanocorypha calandra | 7 | — | — |
| M09 | 23.07.2025 | 10:05 | 1,4 | 30 | Melanocorypha calandra | 1 | — | — |
| M09 | 23.07.2025 | 10:05 | 1,4 | 30 | Melanocorypha calandra | 1 | — | — |

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| M09 | 23.07.2025 | 10:05 | 1,4 | 30 | Anthus campestris | 20 | — | — |
| M09 | 23.07.2025 | 10:05 | 1,4 | 30 | Alaudidae | 10 | — | — |
| X04 | 22.07.2025 | 10:10 | 1,6 | 30 | Oenanthe isabellina | 2 | — | — |
| X04 | 22.07.2025 | 10:10 | 1,6 | 30 | Oenanthe oenanthe | 1 | — | — |
| X04 | 22.07.2025 | 10:10 | 1,6 | 30 | Oenanthe oenanthe | 1 | — | — |
| M16 | 21.07.2025 | 9:45 | 1,2 | 30 | Curruca nana | 1 | — | — |
| M16 | 21.07.2025 | 9:45 | 1,2 | 30 | Oenanthe isabellina | 2 | — | — |
| M16 | 21.07.2025 | 9:45 | 1,2 | 30 | Oenanthe deserti | 1 | — | — |
| M16 | 21.07.2025 | 9:45 | 1,2 | 30 | Pterocles orientalis | 4 | — | — |
| M16 | 21.07.2025 | 9:45 | 1,2 | 30 | Alaudidae | 24 | — | — |
| M16 | 21.07.2025 | 9:45 | 1,2 | 30 | Oenanthe | 7 | — | — |
| M24 | 20.07.2025 | 10:10 | 1,5 | 40 | Alaudidae | 11 | — | — |
| M24 | 20.07.2025 | 10:10 | 1,5 | 40 | Oenanthe | 5 | — | — |
| M24 | 20.07.2025 | 10:10 | 1,5 | 40 | Curruca nana | 2 | — | — |
| M24 | 20.07.2025 | 10:10 | 1,5 | 40 | Pterocles orientalis | 4 | — | — |
| M03 | 19.07.2025 | 10:10 | 1,6 | 40 | Pterocles orientalis | 2 | — | — |
| M03 | 19.07.2025 | 10:10 | 1,6 | 40 | Alaudidae | 11 | — | — |
| M03 | 19.07.2025 | 10:10 | 1,6 | 40 | Oenanthe | 3 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 2 | 50 | Oenanthe | 11 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 2 | 50 | Alaudidae | 18 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 2 | 50 | Curruca nana | 5 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 2 | 50 | Oenanthe isabellina | 2 | — | — |
| OHL_VP_10 | 11.08.2025 | 18:00 | 2 | 50 | Pterocles orientalis | 1 | — | — |