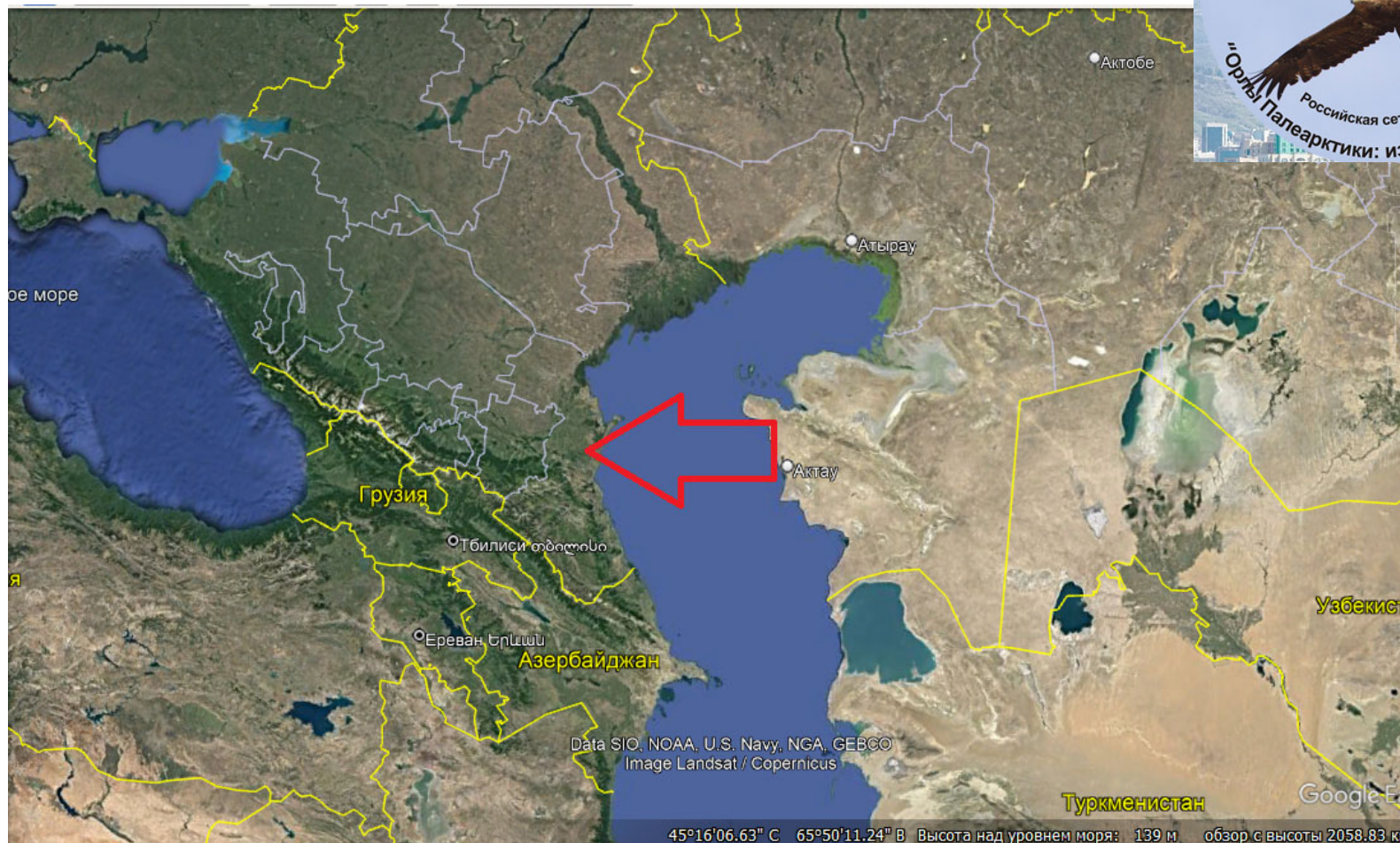
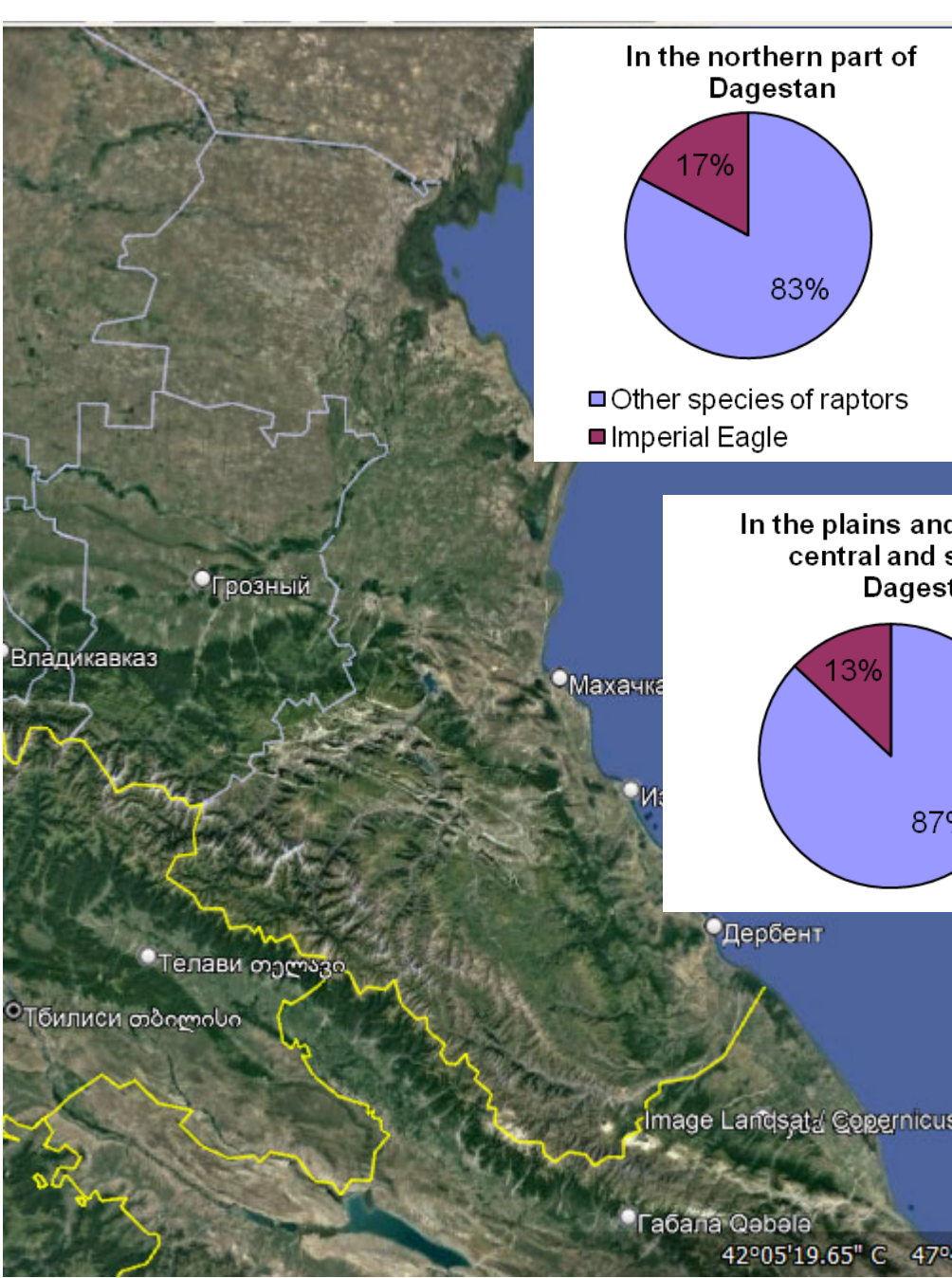


***Imperial Eagle* in the Republic of Dagestan. Results of research in 2022-23 years**



Gadzhibek Dzhamirzoev, Rinur Bekmansurov, Khadjaman Ismailov, Mikhail Korepov, Stanislav Stryukov



Study of eagle wintering grounds in Dagestan.

Results of the Imperial Eagle surveys on December 8 - 17, 2022.

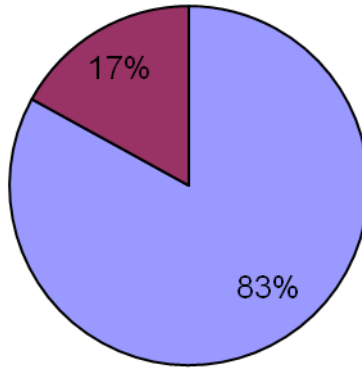
There were 12 species of raptors (n=238 individuals) on the plains in the northern part of Dagestan. Of these, Imperial Eagles were found in 41 individuals.

There were 15 species of raptors (n=660 individuals) in the plains and foothills of central and southern Dagestan. Of these, 86 individuals of Imperial Eagles were found.

Proportion of juvenile and adult eagles in the winter period



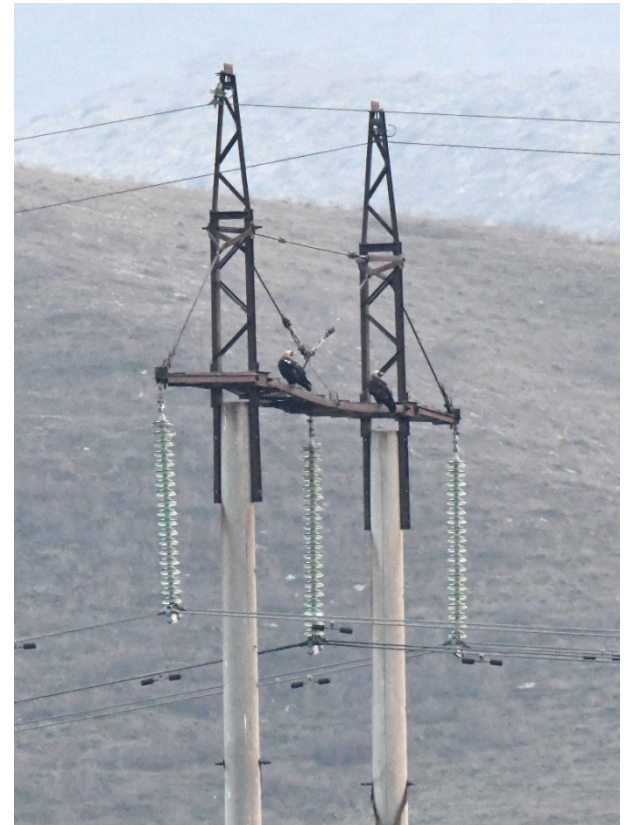
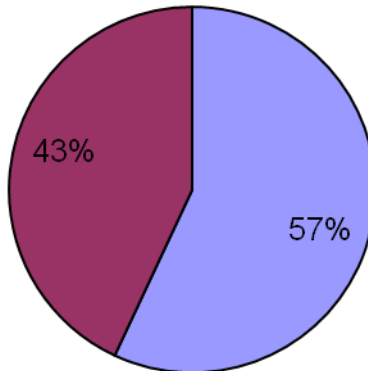
In the northern part of Dagestan



■ Adult eagles ■ Juvenile eagles



In the plains and foothills of central and southern Dagestan



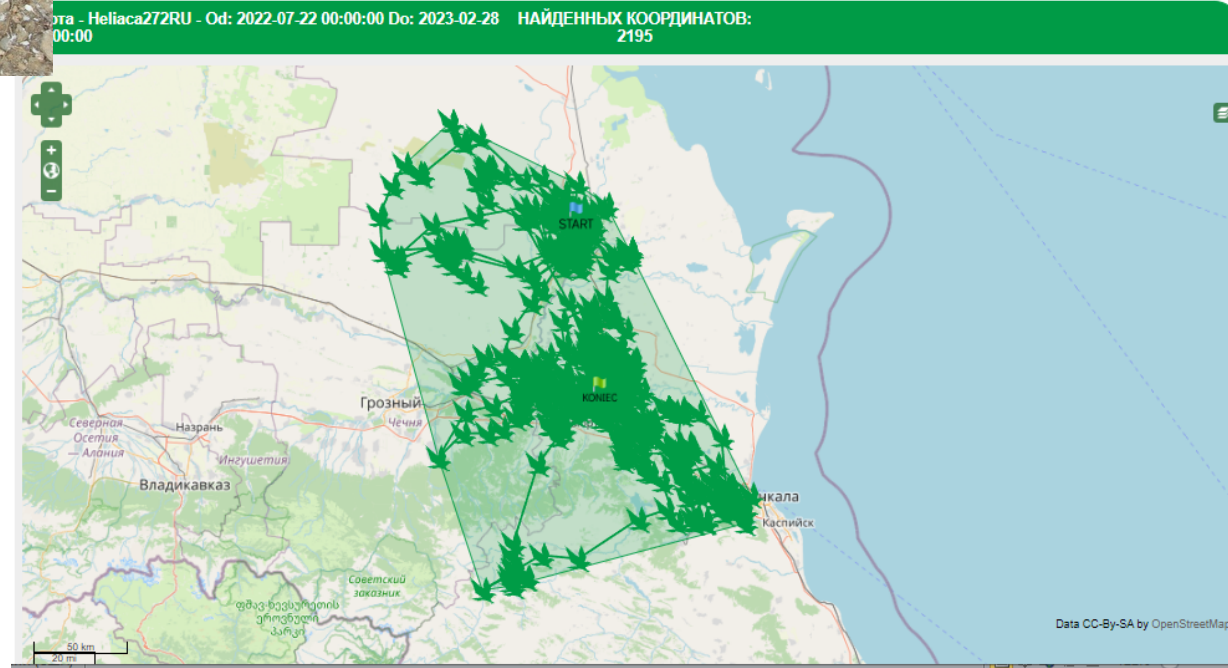
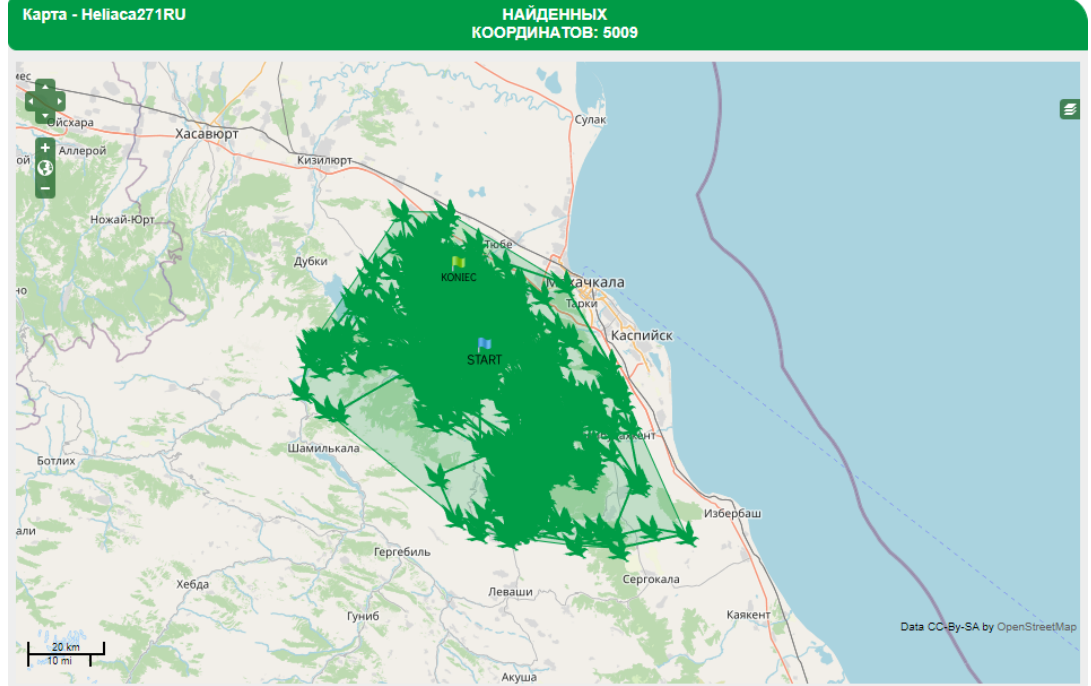
Numbers in winter are second only to the White-tailed Sea Eagle, and in the foothills to the Black Vulture and White-headed Siskin



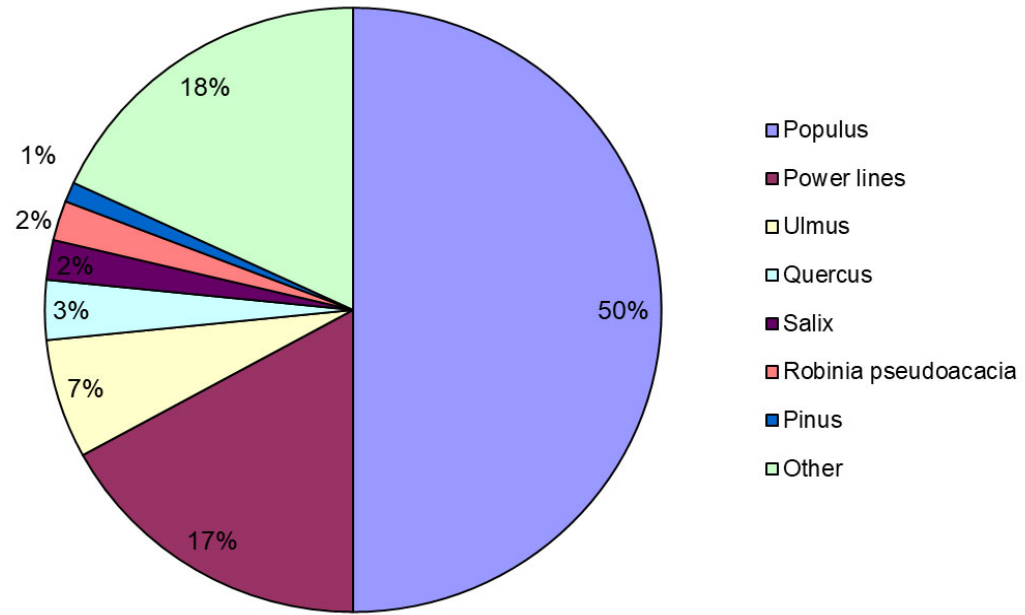
A pair of eagles hunting for mouse-like rodents



The first wintering of a young eagle tagged with a transmitter



Base for nests







**Что мы знаем о
фенологии**

**What we know about
phenology**



16 мая 2022

**On most nests, nestlings
leave the nest by mid-July.
Only nests with late broods
have nestlings after July 20**

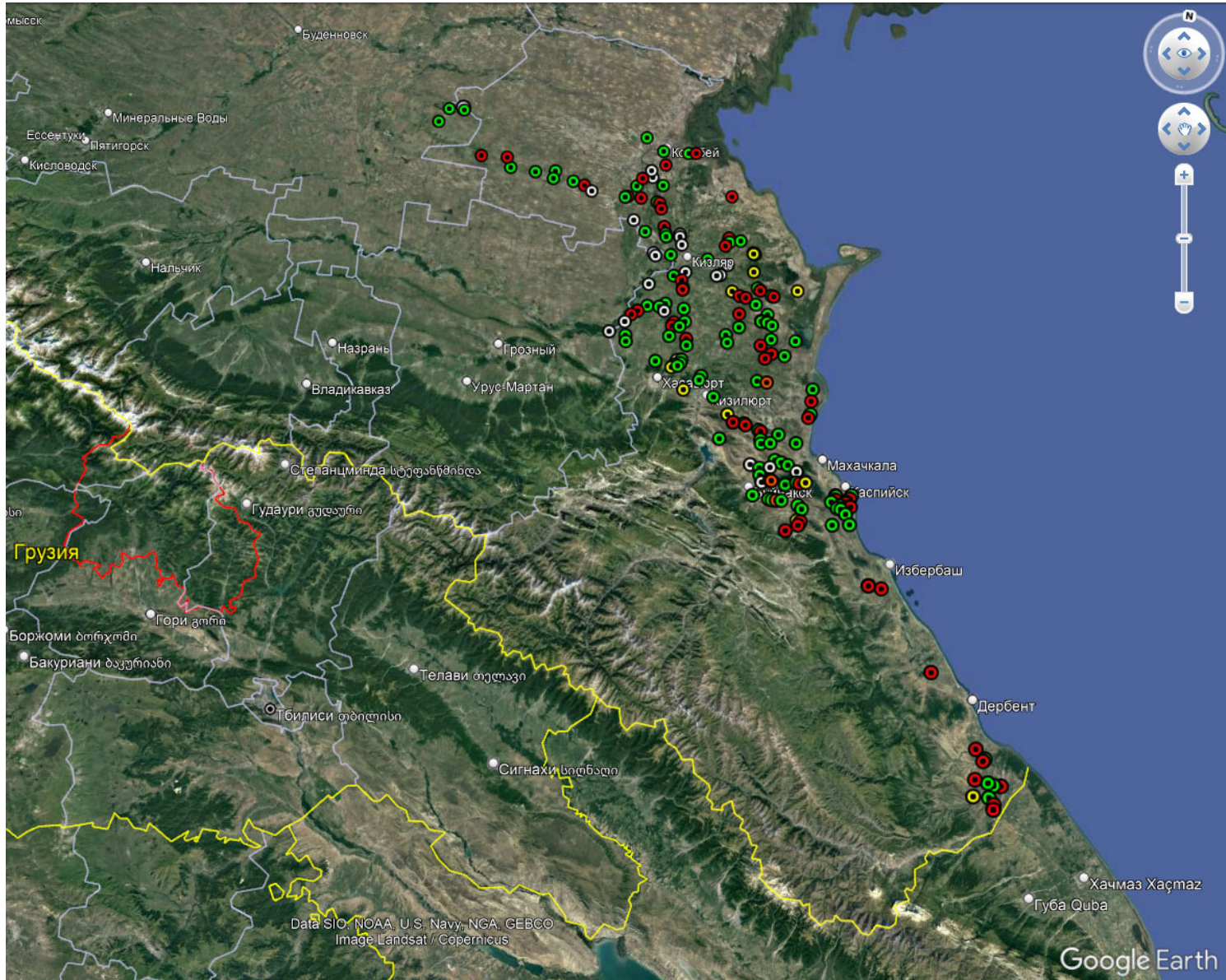


Nest on a pine tree in the foothills. July 24, 2022.



Based on the results of the 2022 and 2023 surveys, with the previously collected data, 182 Imperial Eagle nests and nesting sites were entered into the database, of which 94 nests were found to be inhabited in 2023.

The current breeding population of the Imperial Eagle in Dagestan is estimated at 100 to 120 pairs



The diet is represented by a wide range of prey species, but most nests are located near colonies of *Spermophilus pygmaeus*



Spermophilus pygmaeus



Pseudopus apodus

Nests near settlements



A nest near the railroad tracks

**The nest on which the
nestlings were shot with a
shotgun**



A young eagle killed by electrocution



**Artificial nest for chicks that
fall out after the destruction
of a natural nest**



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