



PRELIMINARY RESULTS OF 2021 AND 2023 EGYPTIAN VULTURE BREEDING MONITORING IN ARMENIA

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German Nature
Protection Union
(NABU)
in the Republic of
Armenia

Birds of Prey Research and Conservation Project

Birds of prey research and conservation project is being implemented by the Armenian branch of NABU since 2018.

Target species:

1. **Egyptian vulture**
2. Bearded vulture
3. Griffon vulture
4. Cinereous vulture
5. Golden eagle
6. Lesser-spotted eagle



Threats

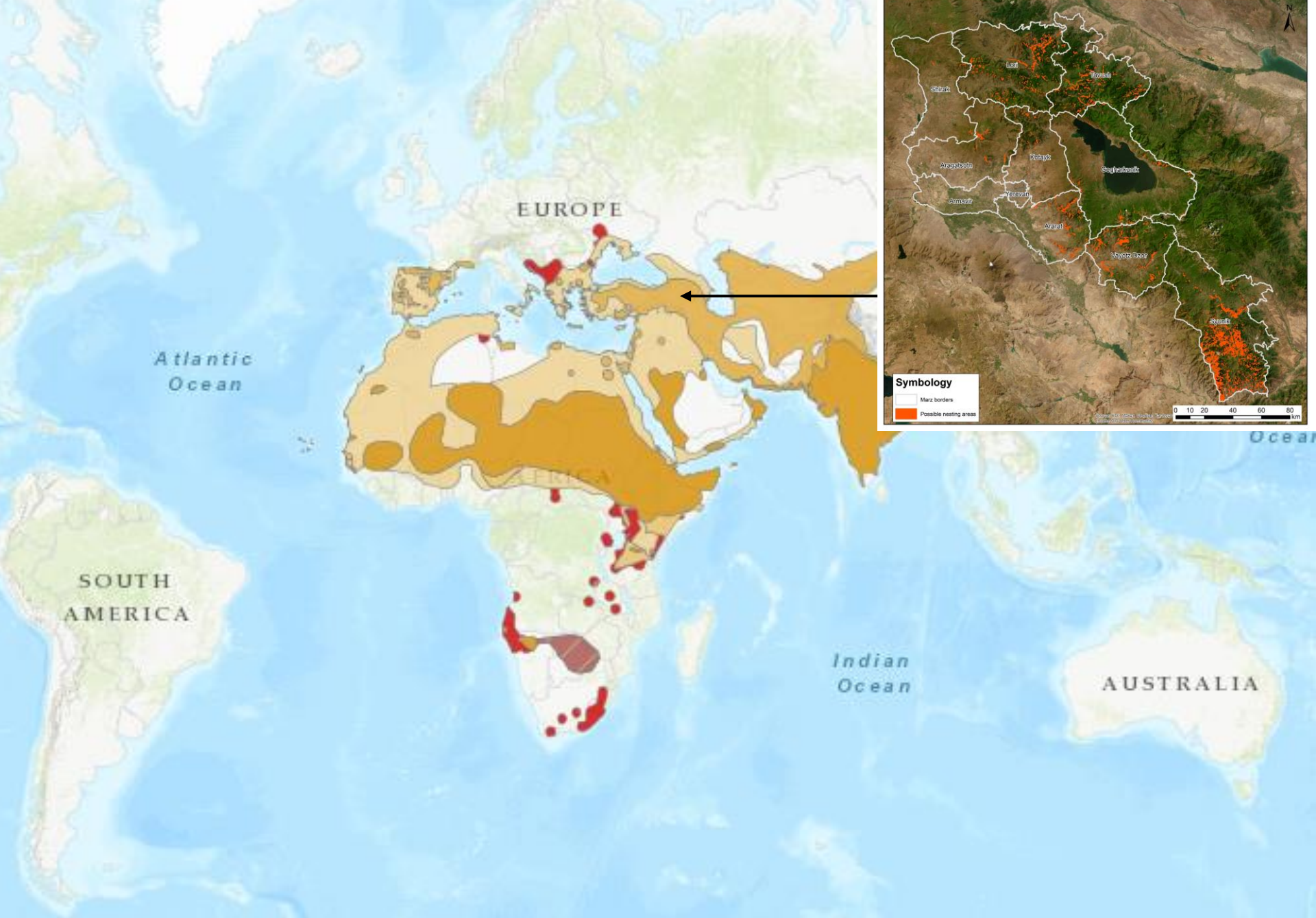


- ✓ Poisoning
- ✓ Habitat loss
- ✓ Disturbance
- ✓ Illegal pick up of the chicks/eggs from the nest
- ✓ Trapping/killing

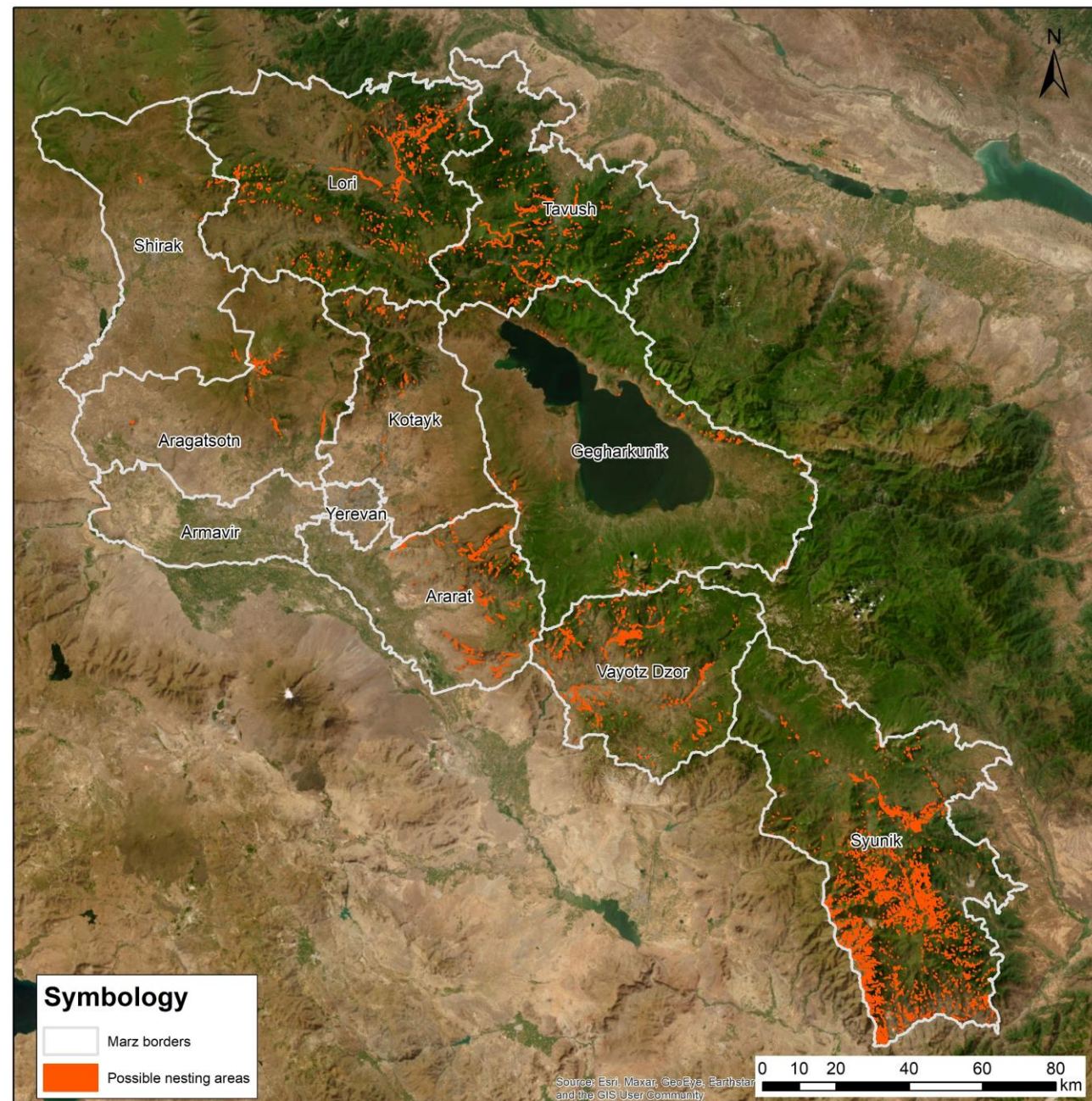
What we do/plan to do?

- ✓ Modeling of suitable breeding habitat
- ✓ Estimation of nesting sites based on modeling
- ✓ Yearly monitoring of nests
- ✓ Estimation of nesting success of the population in Armenia
- ✓ Threats identification
- ✓ Migration studies
- ✓ Wintering ground studies
- ✓ Development of conservation measures for the species in Armenia
- ✓ Nesting biology studies via online camera



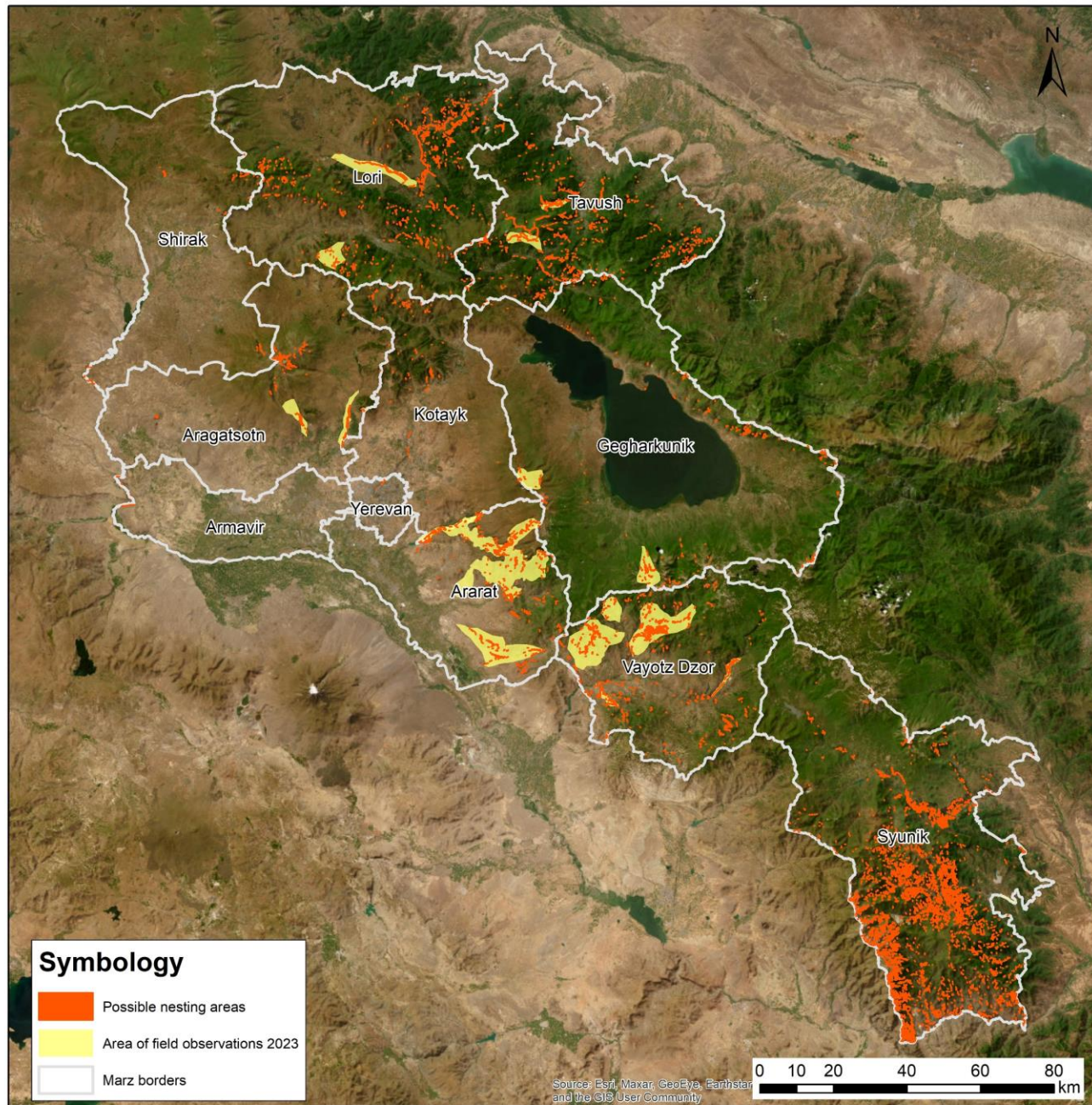


Identified possible suitable nesting areas





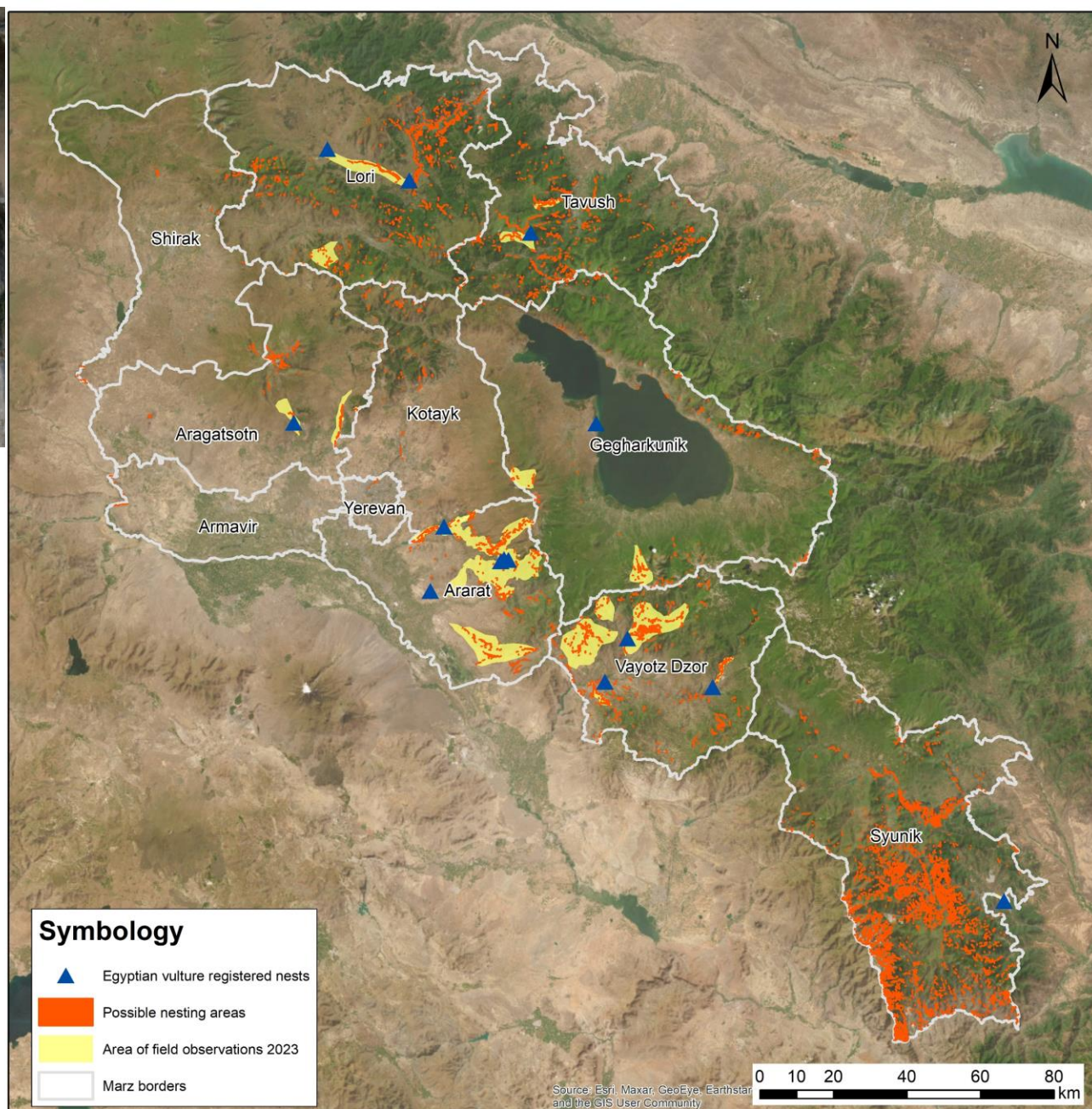
Areas covered in 2021 and 2023



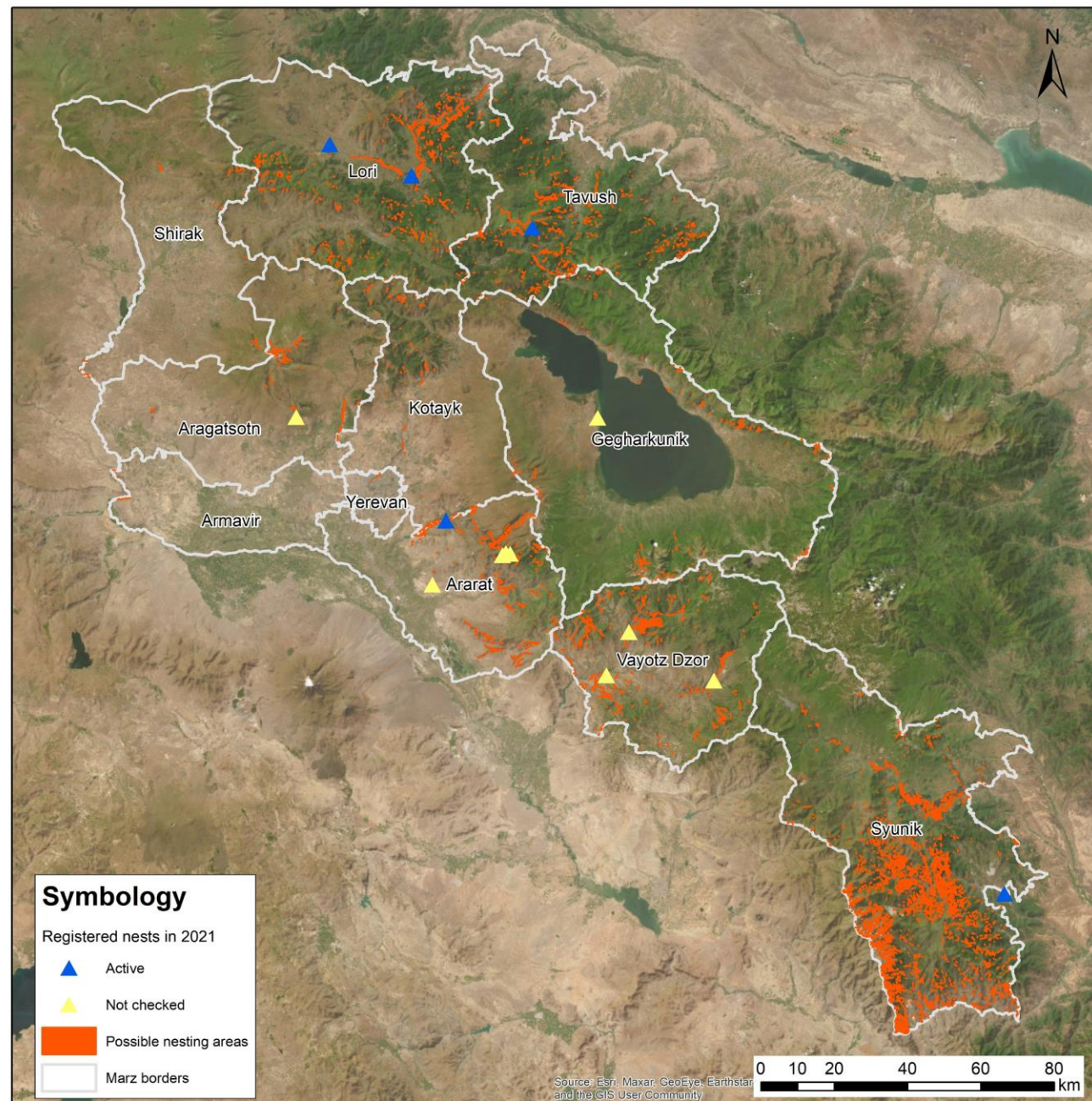


All nests found in
2021 and 2023

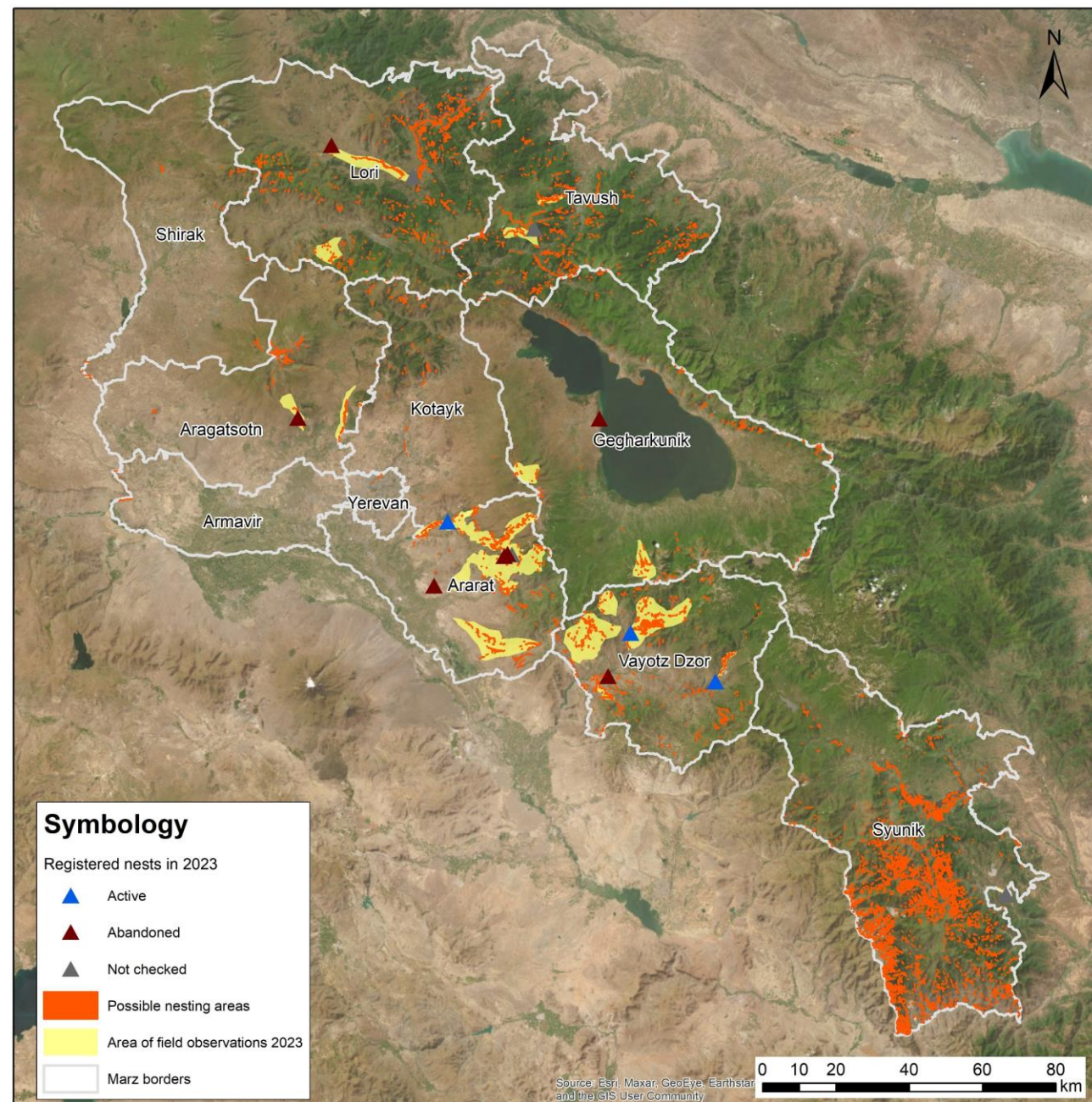
Total - 14



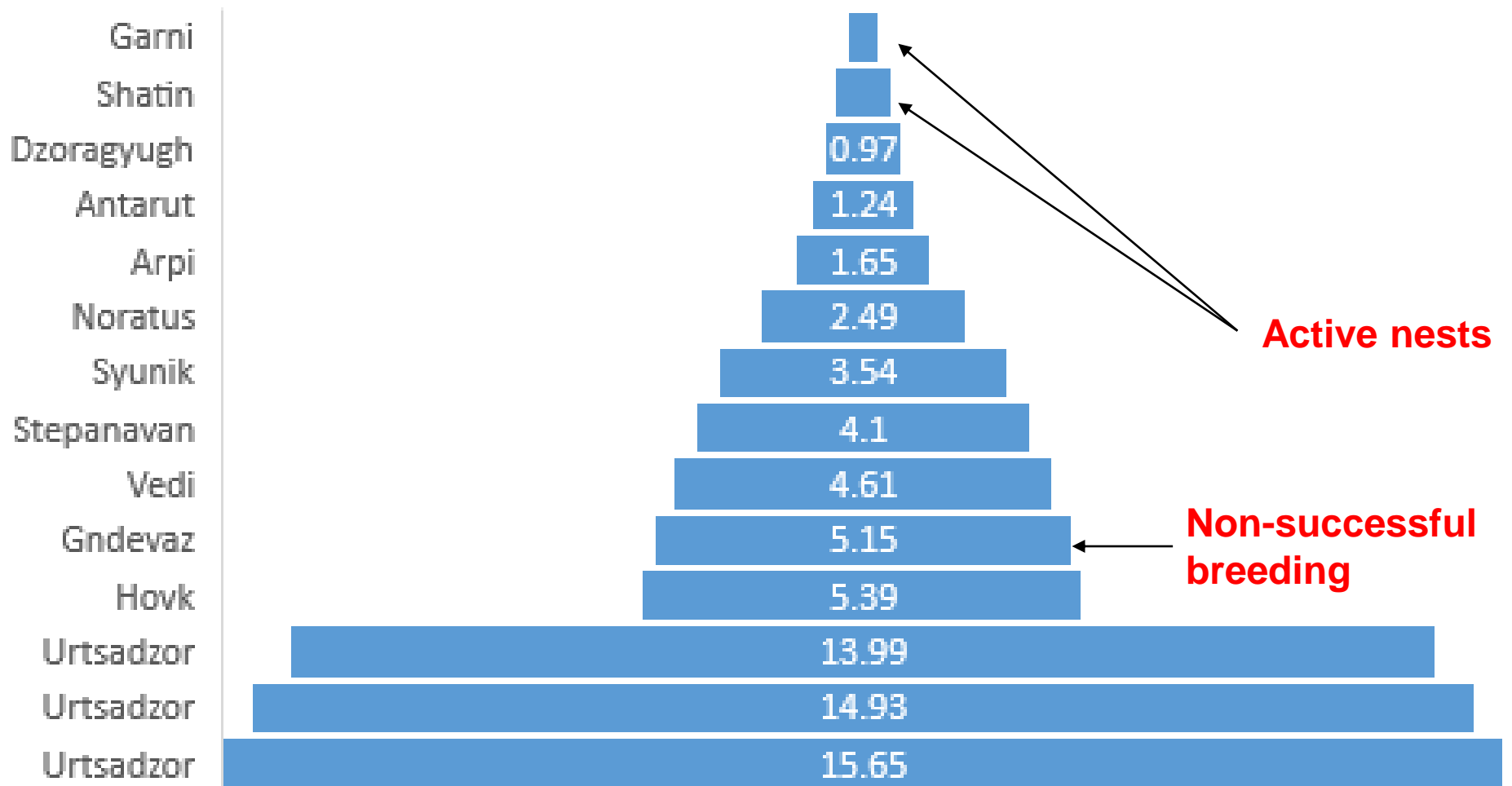
- ✓ 12 nests have been found in 2021
- ✓ 5 were confirmed to be active,
- ✓ 3 were confirmed to have successful fledglings



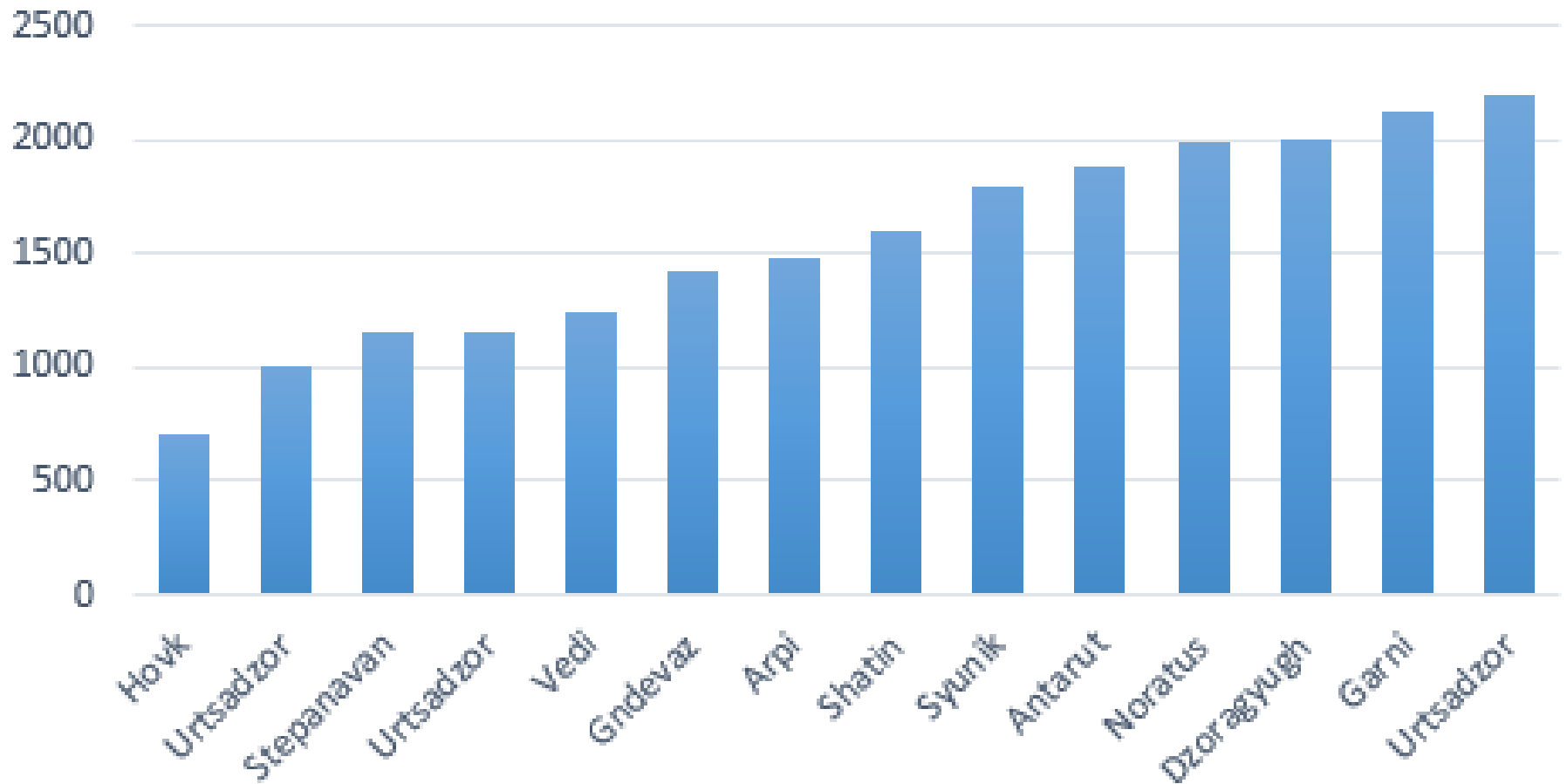
- ✓ 2 new nests have been found (total 14)
- ✓ 3 were confirmed to be active
- ✓ 2 were confirmed to have successful fledglings
- ✓ 1 was confirmed unsuccessful nesting



Distance of the nests from the closest human settlement



Elevation of the EV nests



4 successfully tagged young Egyptian vultures

Aquila tags were used for satellite trekking of EVs





Migration started
after 44 days of
the first flight



Elder sibling

Started to migrate after 35 days of the first flight

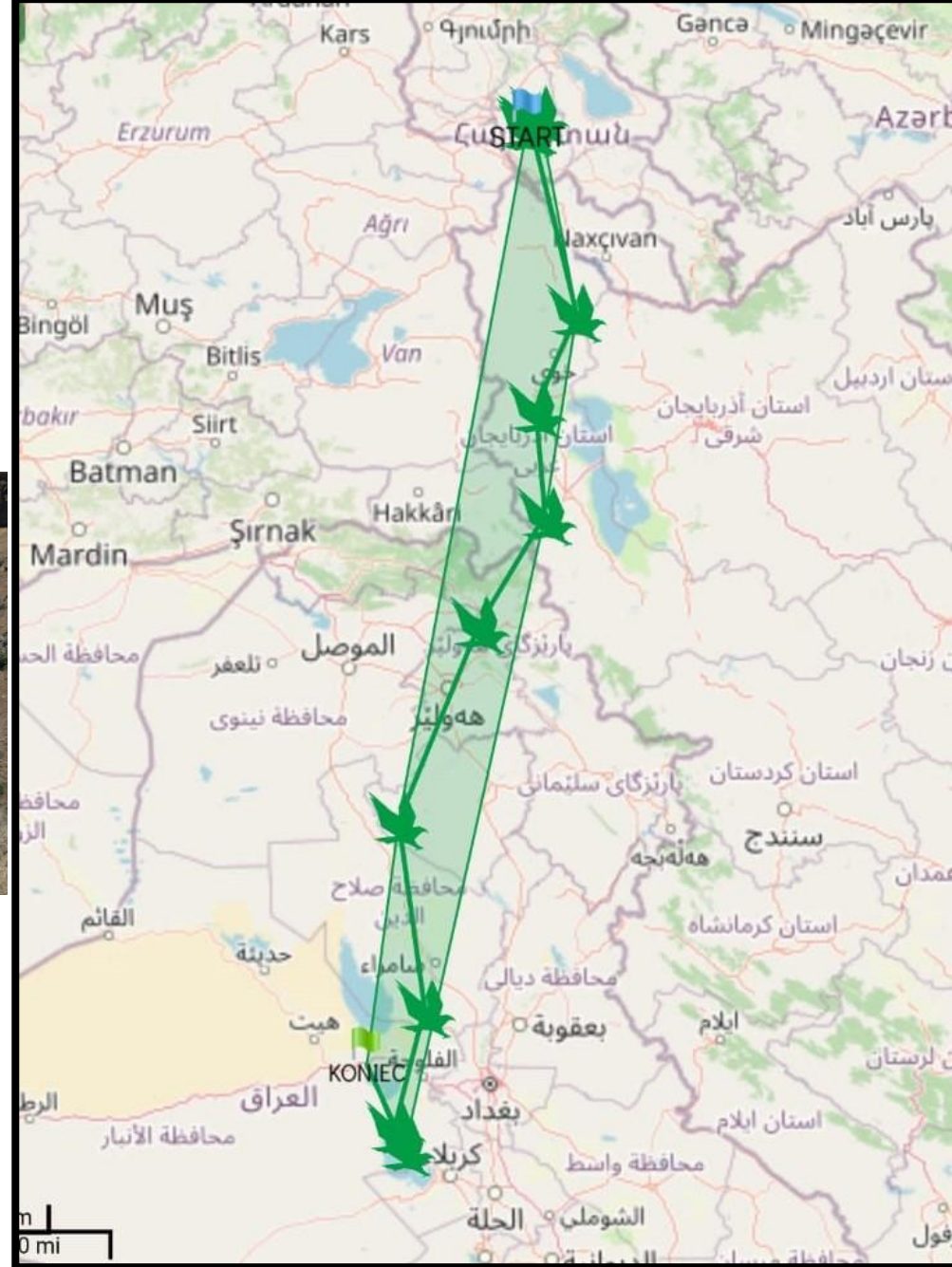


Younger sibling

Started to migrate after 32 days of the first flight

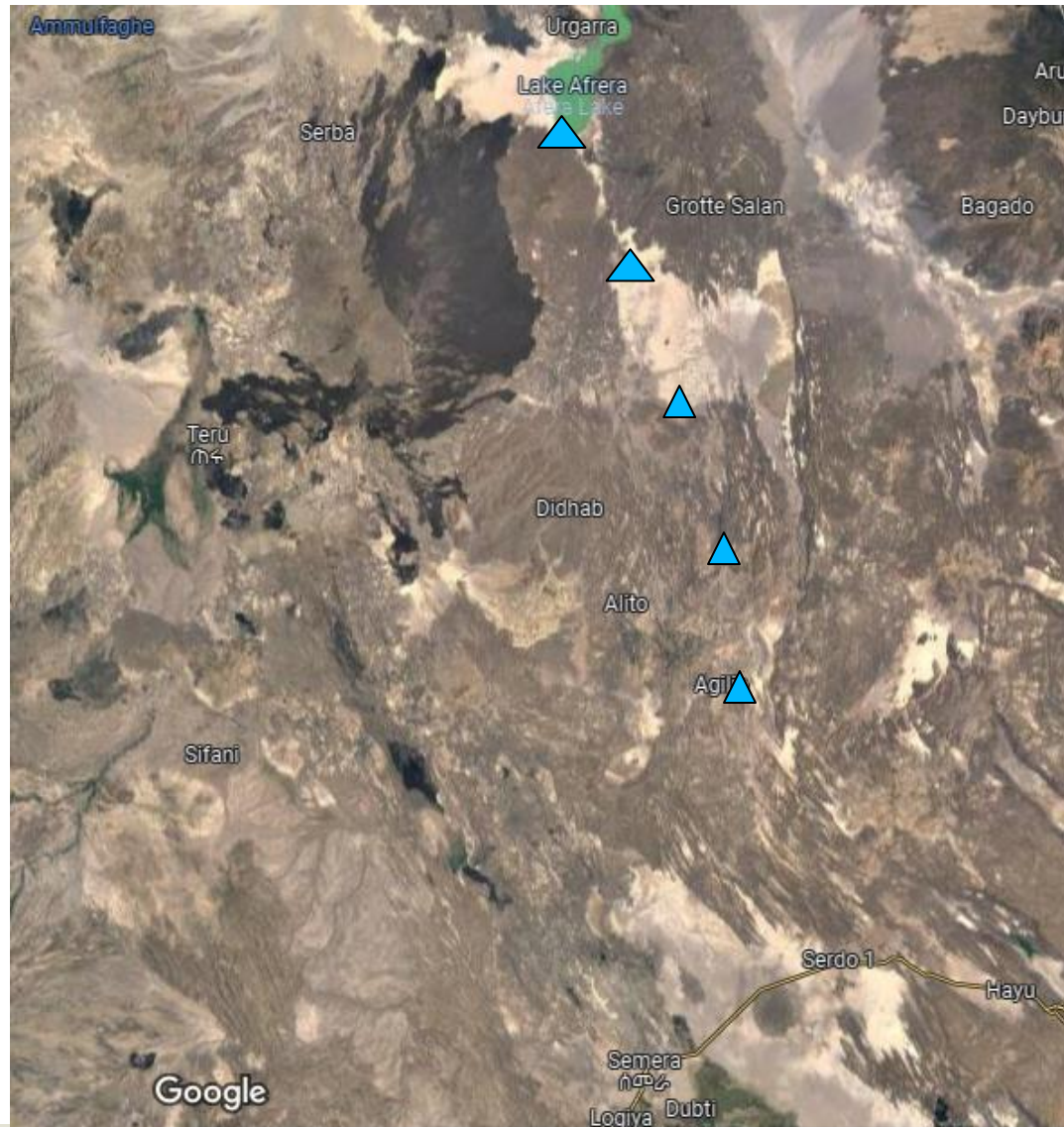


Migration started after 24 days of the first flight



Wintering ground studies in Ethiopia

Around 1300 Evs
were counted



Nesting biology studies via online camera

One case of cainism was detected in 2021





What we do

- ✓ Work with local community
- ✓ Work with hunters
- ✓ Development of volunteer care-takers groups next to nesting areas from local communities
- ✓ Eco-educational activities in communities and schools

What we plan do

- ✓ Establishment of vulture restaurants
- ✓ Seminars for the border control staff regarding valuable species identification
- ✓ Enlarging the volunteer care-takers groups next to nesting areas from local communities
- ✓ Informative work with alpinists
- ✓ Collaboration with local and international partners for conservation efforts
- ✓ Poisoning studies
- ✓ Dangerous electric pylon studies

CONSERVATION ACTIONS

Thank you for your attention!!!

