

Overview of the situation in Armenia

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Armenia is a land-locked mountainous country with total area of 29,743 sq km, and the average elevation above 1,000 m above sea level

Main types of habitat

FORESTS

Deciduous
Juniper

AQUATIC HABITATS

Lakes (Natural & Artificial)
Rivers
Marshes

GRASSLANDS

Semi deserts
Scrublands
Steppes & Meadows

ARTIFICIAL TERRESTRIAL

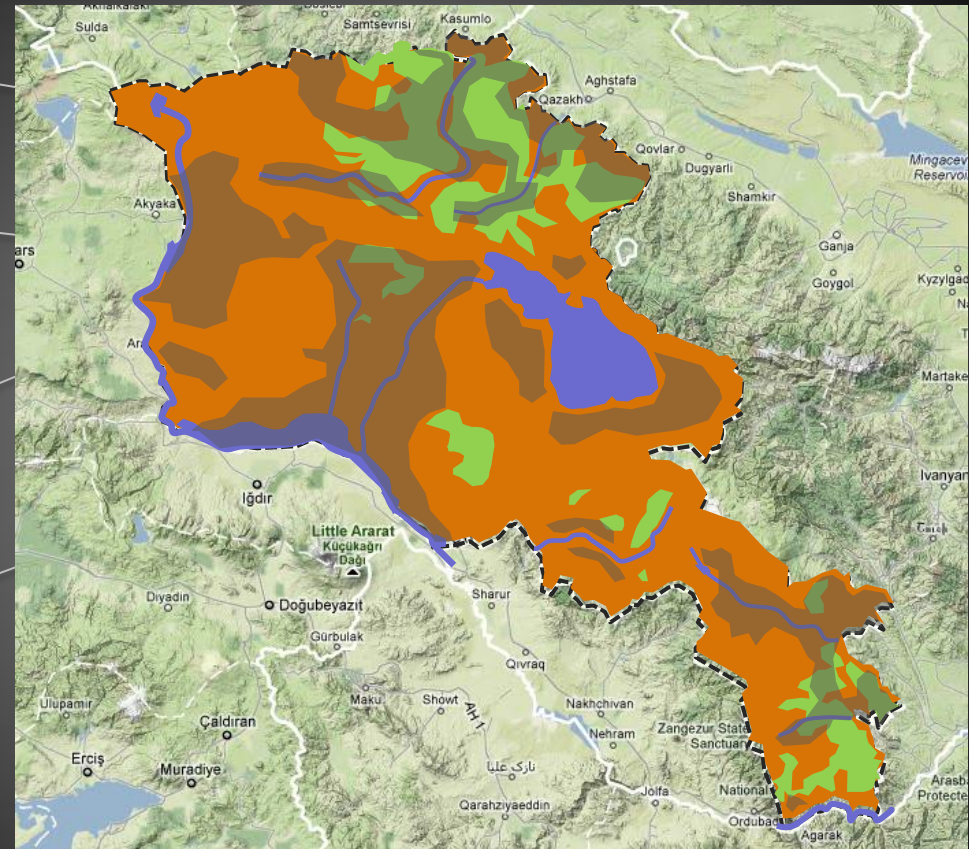
Livestock husbandry
Crop cultivation
Industry

12%

4,7%

83,3%

52 %



In total there are 351 species recorded in Armenia

Birds by occurrence

Breeding birds

Summer breeders
Residents

Migrants

Fall / spring migrants
Summer / fall / spring
visitors

Wintering

Winter visitors
Migrants & wintering
species

Occasional visitors

During migration period

238

47

33

33



Grassland (variegated semi-desert)

Map of habitats in Meghri region



Characteristics of route

Habitat: Variegated semidesert

Route: №1048 Date:

Location: vill. Karchevan

Length: 1000m Width: 200m

Altitude a.s.l.: 760m

Temperature: 18°C

Start: N 38.90621; E 46.27380

End: N 38.90825; E 46.27945

25 April 2010

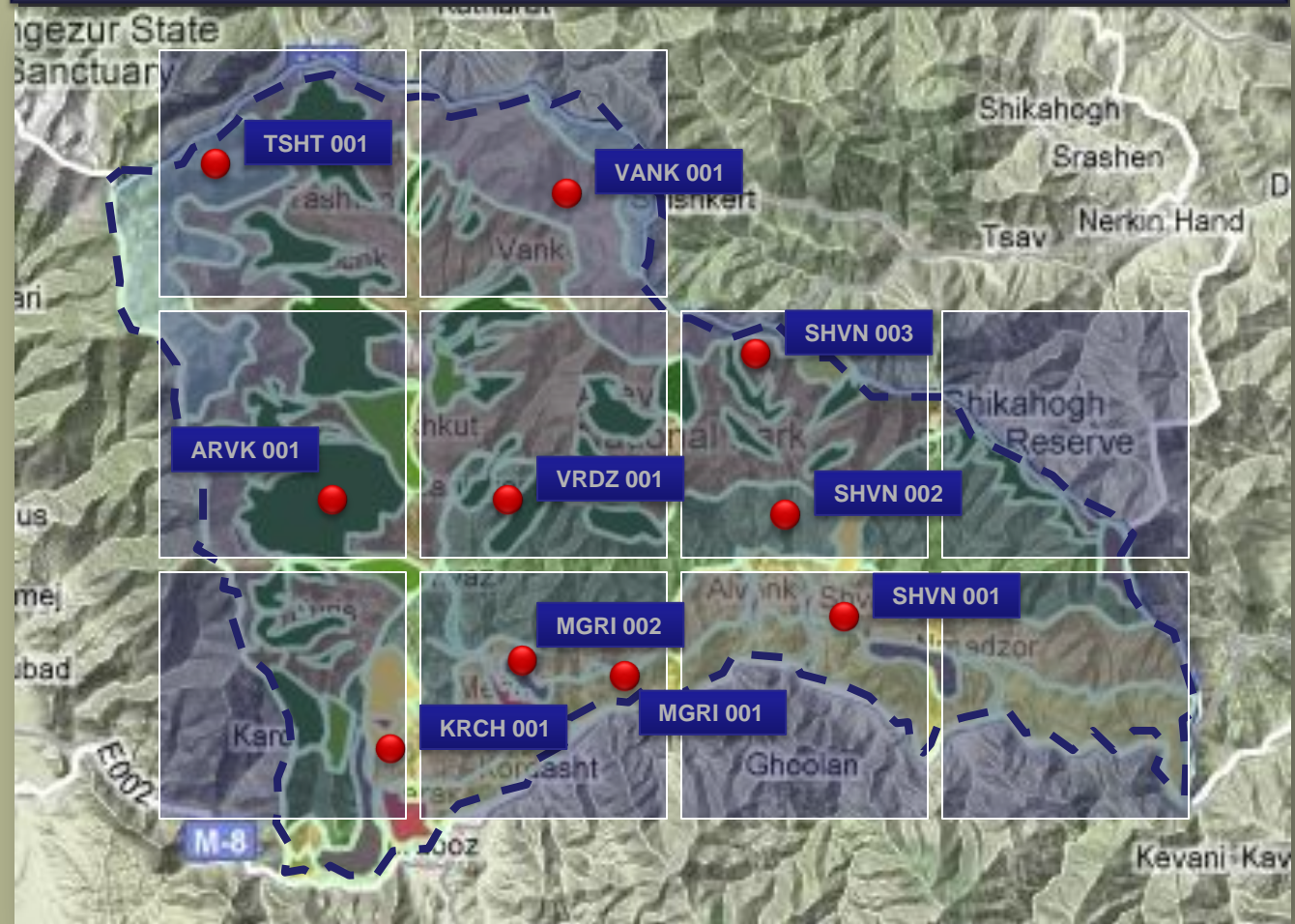


In open habitats we conduct transect counts using distance sampling

Types of work

To ensure the coverage of area with sampling sites we use 10x10 km grids

The map of the transect routes in the investigated region



Types of work

To ensure the coverage of area with sampling sites we use 10x10 km grids

The whole Armenia is divided on such grids

10x10 km quadrature coverage of the investigated region



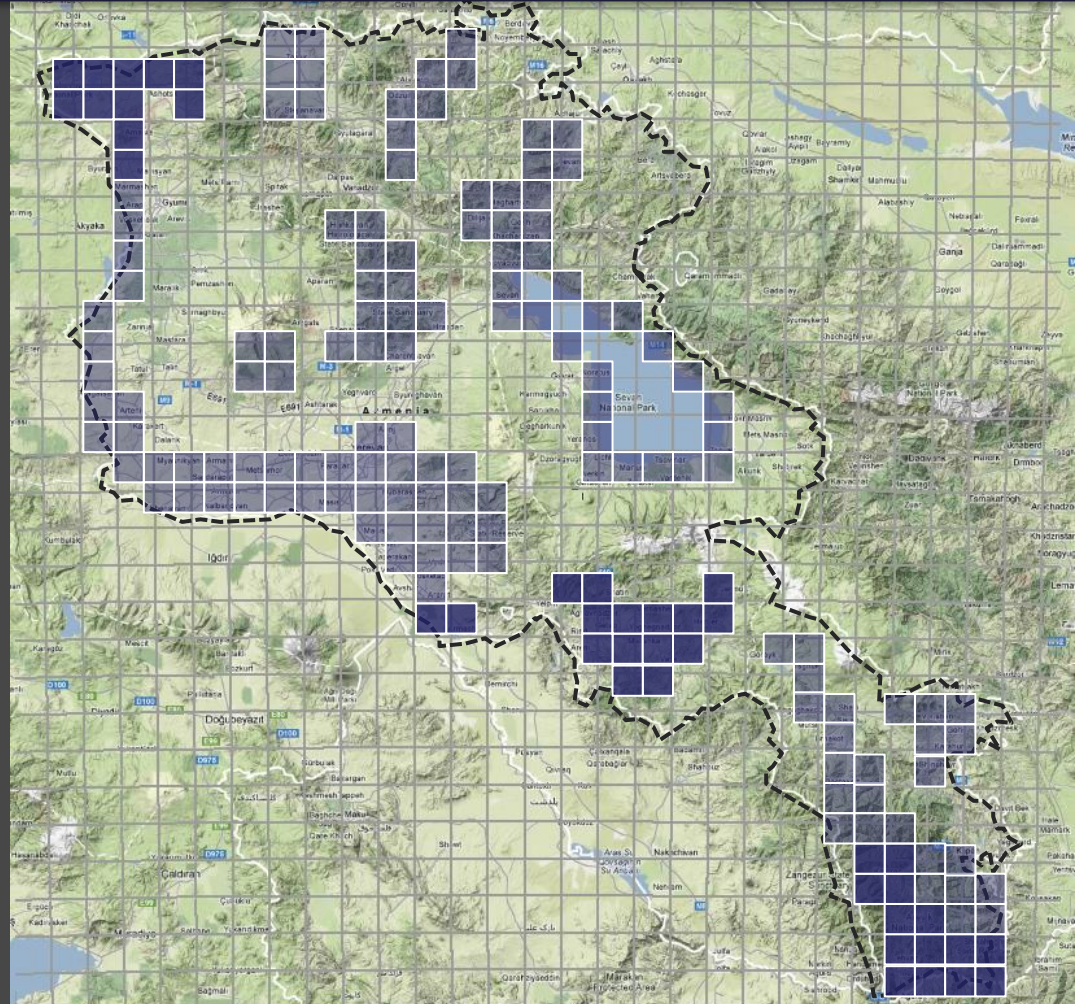
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To ensure the coverage of area with sampling sites we use 10x10 km grids

The whole Armenia is divided on such grids

- The sites where we conduct intensive study every year 15%
- The sites where we conduct monitoring once per two years 35%
- The sites where we conduct monitoring once per three or more years 50%

The map of study area in Armenia



Standard interface of the species account

Species name

Global and local distribution

Distributed from Southern and Eastern Europe and North Africa west to the Iran and Kazakhstan. In Armenia is distributed in Araks river basin

Population Size

The preliminary estimation is 500-800 pairs

Population trends

Population shows slight decrease (less than 10%) during last 5 years

Ecological peculiarities

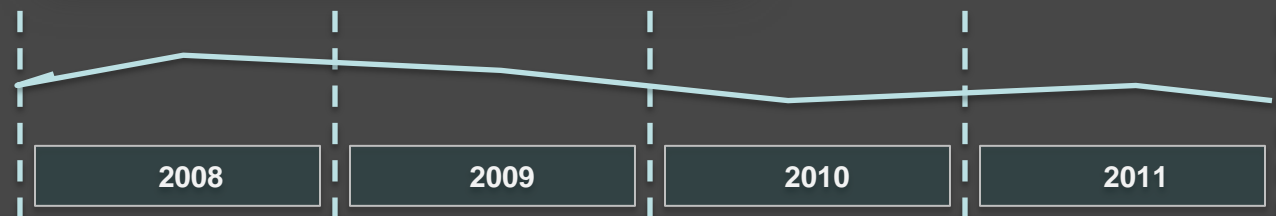
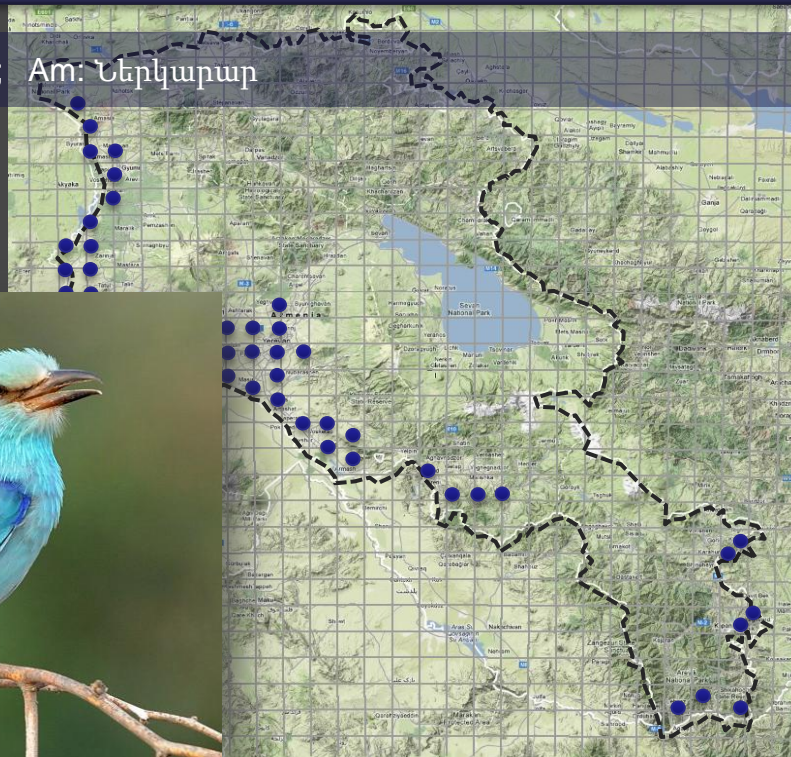
Inhabits semi desert areas, requires cliffs, or human made constructions for nesting

Conservation status

In Armenia – Vulnerable VU
B1ab(iii)
In Europe – Declining
Global (IUCN) – Near
Threatened

The databases that we develop contain information about:

Lat: *Coracias garrulus*; En: Roller; Am: Ներկարար

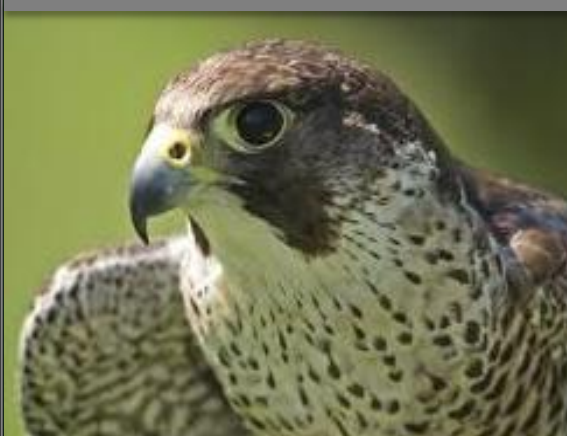


Better understanding of tendencies of ecosystems' change, based on monitoring of abundance and change of the range of species

Assist in identification of additional bird species diversity hotspots in Armenia

Accumulate qualitative and quantitative information on the bird species: our current database contains more than 30,000 records

Monitoring Atlas of Breeding Birds of Armenia



American University of Armenia



Other organizations working with birds in Armenia

Armenian Society for the Protection of Birds

Deals with 8 breeding Red-listed species

Works at 11 IBA sites

Opportunistically includes other species in counts when possible

Armenian Bird Lovers NGO

Mainly focuses on children education

Foundation for Preservation of Wildlife and Cultural Assets NGO

Develops a network of eco-clubs

Conducts regular surveys of one site

Armenia Tree Project NGO

Supports developing of eco-clubs at two sites

Conducted inventory of one site

WWF Armenia

Often supply with precise records of selected species

Bird Identification training course

For the breeding birds

Started at 2003

Produced more than 400 students

Was integrated into Batumi Raptor Count Scheme

Alumni work with tour-leaders, in wildlife NGOs



Thank you for your attention

Questions?