





THE IMPERIAL EAGLE IN THE SOUTH-EAST OF KAZAKHSTAN 2022–2023: DISTRIBUTION, POPULATION NUMBERS, THREATS

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> Vulnerable under criteria C2a(ii)





➤ Red Data Book of KZ - Rare and Declining Species (Category III) (Pfeffer, 2010)

ҚАРАҚҰС МОГИЛЬНИК

Aquila heliaca Savigny, 1809

Сұңқартәрізділер отряды – Отрял Соколообразные – Falconiformes

Қаршығатектестер тұқымдасы – Семейство Ястребиные – Accipitridae



The global population of Imperial Eagles as of 2016 was estimated at 2,500–9,900 adults (BirdLife International, 2019)



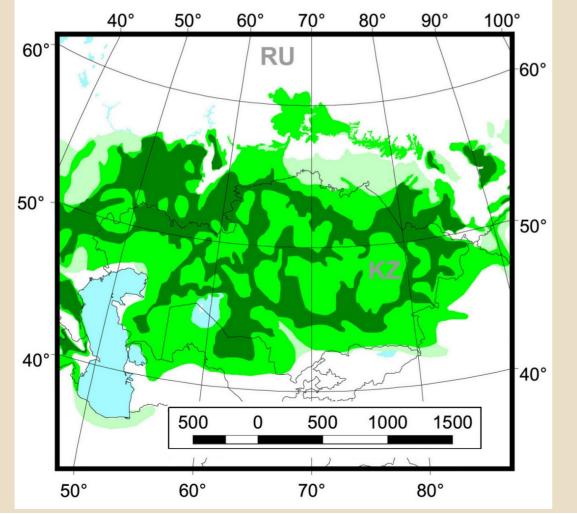


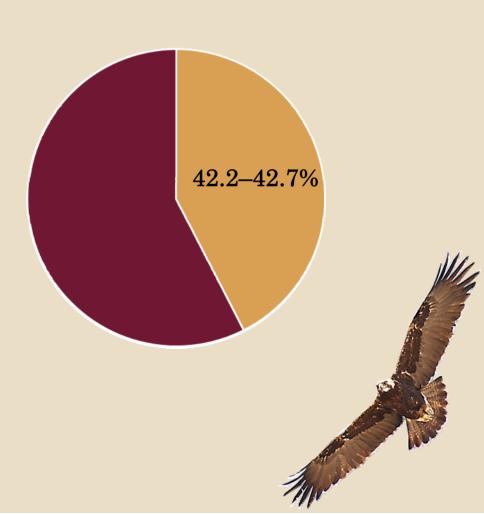
> Estimate of the global population - 8099–9981 breeding pairs

KAZAKHSTAN
ALMATY
2023

Regarding of the August of the Aug

>Kazakhstan has 3420-4260 breeding pairs (Karyakin, 2020)





Western Betpak-Dala





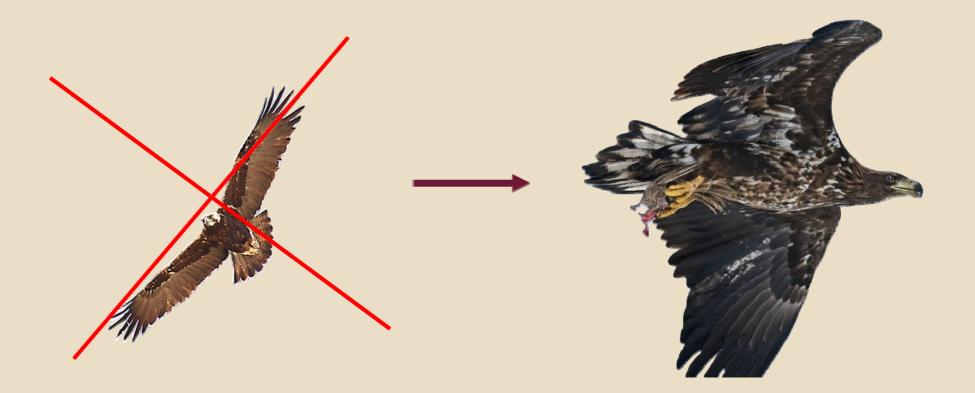
power lines



Chu Valley

2018 min. 18 breeding territories

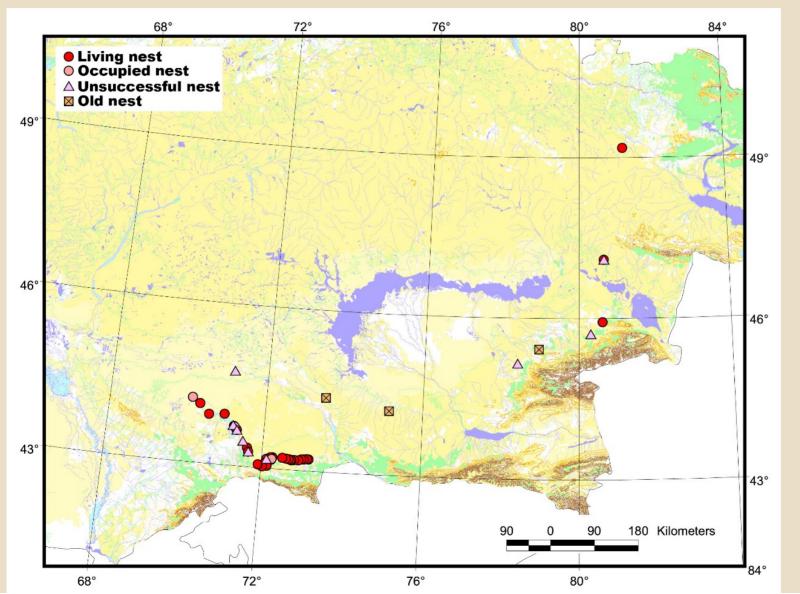
2023 — 1 breeding territories





Moiynkum sands

more than 100 breeding pairs (Karyakin, 2020)







Research 2022 / 2023

2022 + 2023 = 59 nests

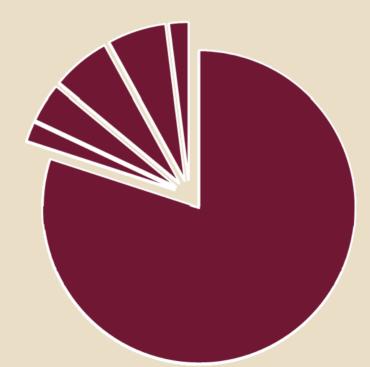


6 % electric poles

2 % Elaeagnus (Elaeagnus sp.)

6 % on Turanga (Populus sp.)

4 % on saxaul (Halóxylon sp.)



2 % on the ground

80% Chinese Elm (Ulmus parvifolia)







Research 2022

➤ Breeding success – 44 %

➤ Breeding efficiency - 58 %

➤ 9 active nests - 4 nests in which chicks have survived

➤ 12 eggs - 7 chicks that flew out of the nest

ALMATY

➤ by the end of the season brood size ranged from 1 to 2 fledglings



July 2022

Talas Alatau / Pribalkhashie







South-East of Kazakhstan



- ♀ Aquila heliaca
- Aquila nipalensis



South-East of Kazakhstan

Distribution of the Imperial Eagle in Semirechye (SouthEast of Kazakhstan and Kyrgyzstan)

Shnitnikov, 1949















- > 1 bird was in Afghanistan during the winter
- ➤ 1 bird the last coordinates were transmitted in the fall from Kazakhstan







Threats







1) 10 april 2017 3) 12 june 2017

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Photo by Domashevsky



RRRCN BRCC





Thank you for your attention!

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