

Observations of the rare bird species in the Polish part of Karkonosze Mts. in recent years



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Dotterel *Charadrius morinellus*

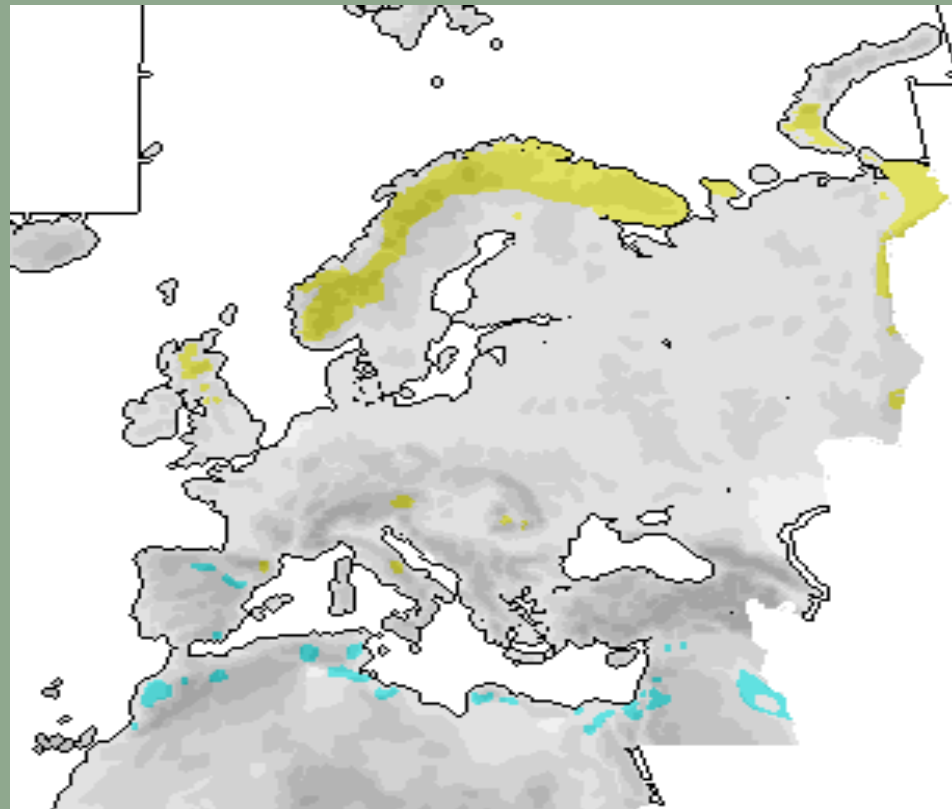
- extremely rare species in Poland
- sporadically encountered on migration
- nesting only exceptionally





Main range

- Northern Europe
- Northern and Central Asia
- Wintering in Northern Africa and Middle East





Breeding habitat in Poland – similar to the northern tundra

- alpine grasslands
- meadows
- peatbogs
- nesting in Carpathians and Karkonosze Mts.



Reversed sexual dimorphism

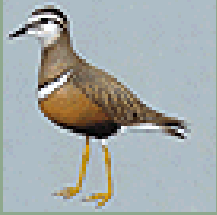
- Females have more intensively coloured plumage than males
- Males are doing most or all of the parental care





Last case of breeding in Poland: Tatra Mts., 1988 (Woźniak 1992)

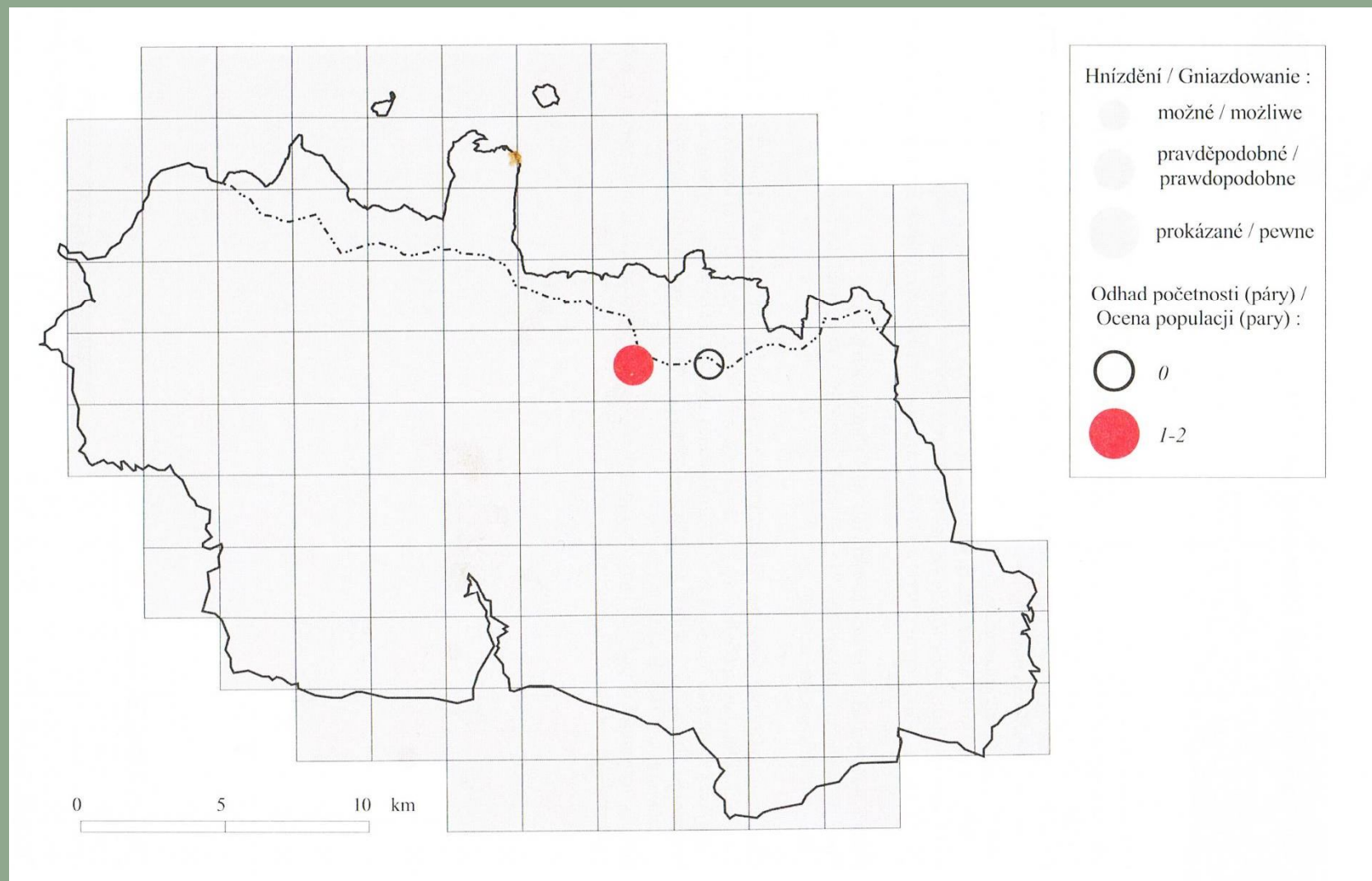
- During the 19th century and until 1946 the dotterel bred in the Karkonosze Mts, mostly on the Czech side in the area of Bíla louka and Luční hora
- Nests were found in biotopes of the subalpine tundra, up to 1300 m a.s.l. (Dyrcz i in.1991)
- No historical data about breeding of the dotterels on the Polish side in western Karkonosze Mts.
- By the middle of 20th century there is a lack of released reports on observations of dotterels on the Polish side of Karkonosze.



Nesting in Karkonosze Mts.

- The local population became extinct in the Karkonosze in the middle of the 20th century, mainly because of human activity such as hunting and taking out the eggs
- Last broods then stated in 1946 and 1948 on Luční hora
- Next nesting not stated until 1999 and 2002 - Luční hora

(Flousek i Gramsz 1999 , J. Flousek)



(Flousek & Gramsz 1999)

The observations in KPN in 2009

The pair in the area between Śnieżne Kotły and Wielki Szyszak:



13.05.2009 – female uttering a calling voice in the area above Śnieżne Kotły



16.05.2009 – female making courtship display – the area between Śnieżne Kotły and Wielki Szyszak



17.05.2009 – a male uttering a calling voice (Wielki Szyszak)



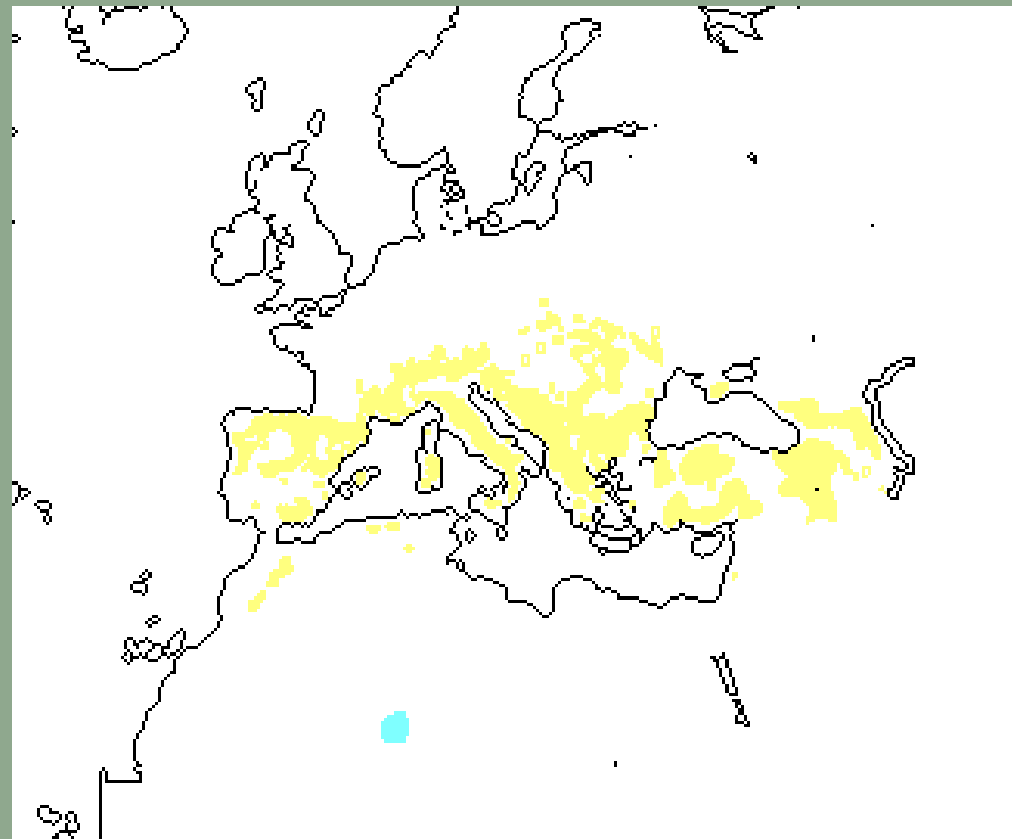




- Following controls: May, June and July
- No nest or young were found
- No evidences of breeding
- May is the month of the spring migration
- The nest with full cluth were found in Karkonosze on 23.05 so the breeding of the pair can not be excluded
- The area of Śnieżne Kotły and Wielki Szyszak is yet easily available and strongly penetrated by tourists, which causes direct threat to the eventual nests of the dotterel.

Rock Thrush *Monticola saxatilis*

- Range of the species in Europe includes mountain areas of central and southern Europe and the Mediterranean
- Prefers rocky habitats rich in rock rubble in the mountains and highlands





Rock Thrush *Monticola saxatilis*

- In Poland is only occasionally observed, considered to be extremely sparse breeding or even not appearing in the country as a regular nesting species
- Broods were found in the Carpathians - mainly in the Tatras, Pieniny, Mount Babia Góra and Kraków-Częstochowa Upland



Rock Thrush *Monticola saxatilis*

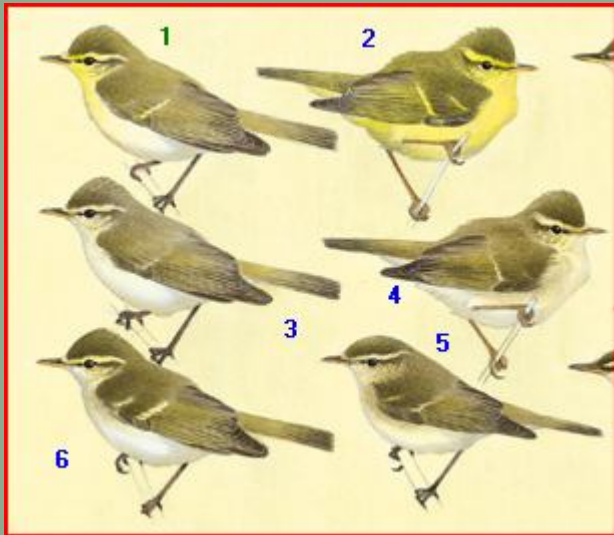
- In the region of now Polish part of the Karkonosze Schwenckfeld stated the Rock Thrush in 1603 in the area of □□Kowary, other generic information on observations in the Karkonosze and the Jelenia Góra Basin mainly in the 19th century
- Since the only data on encounters of the Rock Thrush in these region are related to the 17th and the 19th century, this is the first contemporary record of this species in the Polish part of the Karkonosze Mts.
- In the Czech part of the Karkonosze Mts. the Rock Thrush has bred in shortly after the World war II and also the species was recorded in 1955, 1969 and 1971.



On 19th May 2012 a male in a breeding plumage was recorded in the Śnieżne Kotły area



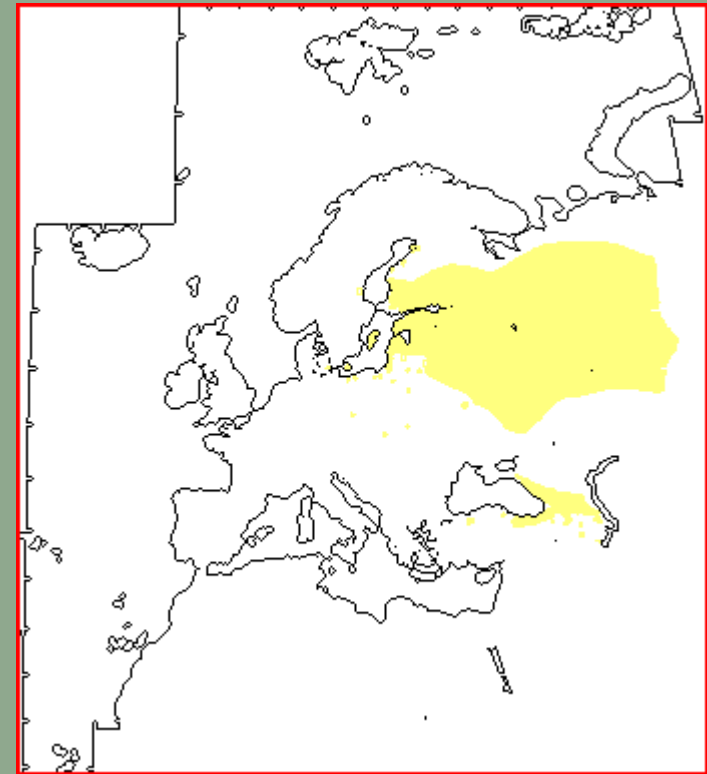
The individual was presumably a migrating bird.



Greenish Warbler *Phylloscopus trochiloides*

- Inhabits the north-eastern Europe and northern Asia

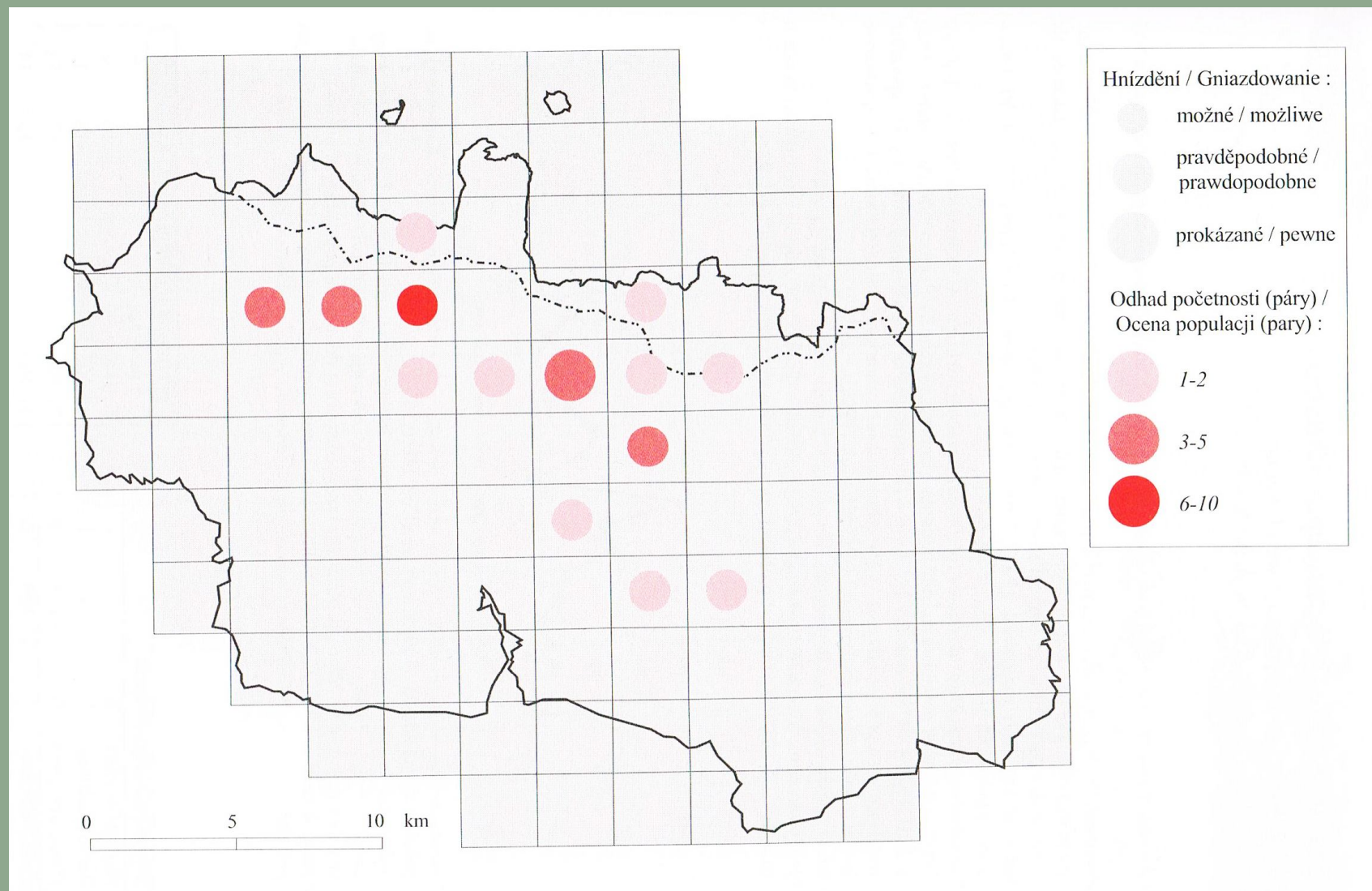
- In Poland occasionally breeding mainly in the north-eastern part of the country
- In other parts of the country may be encountered during migrations



Greenish Warbler *Phylloscopus trochiloides*



- Rare breeding species in the Karkonosze Mts.
- Characterized by the extreme deviations of the population size in this area (Flousek & Gramsz 1999)
 - The Karkonosze Mts. belong to the areas with the most frequent occurrence of the Greenish Warbler in inland Central Europe during over than the last two decades
 - In 1987–2007 altogether 78 records of singing males were collected there, including four confirmed or probable breeding attempts
 - The first nest finding of the species in the Czech Republic in 1998 in Dlouhy dul (Flousek J. & Šálek M. E. 2007)



(Flousek & Gramsz 1999)



- On May and June 2012 the singing males of a Greenish Warbler *Phylloscopus trochiloides* were observed several times in various locations in the Polish part of the Karkonosze Mts.
- Birds were recorded in different, not necessarily optimal habitat for the species, which suggests, that at least some of these individuals was the migrant birds
- During this period in 2012 the Greenish Warbler was recorded also on many stands in the Czech part of the Karkonosze massif and, moreover, in different parts of Poland

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Thank you for your attention

