

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

NATIONAL LEVEL

1. General information

| | |
|---|-----------------|
| 1.1 Member State | HU |
| 1.2 Species code | 1213 |
| 1.3 Species scientific name | Rana temporaria |
| 1.4 Alternative species scientific name | |
| 1.5 Common name (in national language) | gyepi béka |

2. Maps

| | |
|----------------------------------|---|
| 2.1 Sensitive species | No |
| 2.2 Year or period | 2013-2018 |
| 2.3 Distribution map | Yes |
| 2.4 Distribution map Method used | Based mainly on extrapolation from a limited amount of data |
| 2.5 Additional maps | No |

3. Information related to Annex V Species (Art. 14)

| | | |
|---|---|----|
| 3.1 Is the species taken in the wild/exploited? | No | |
| 3.2 Which of the measures in Art. 14 have been taken? | a) regulations regarding access to property | No |
| | b) temporary or local prohibition of the taking of specimens in the wild and exploitation | No |
| | c) regulation of the periods and/or methods of taking specimens | No |
| | d) application of hunting and fishing rules which take account of the conservation of such populations | No |
| | e) establishment of a system of licences for taking specimens or of quotas | No |
| | f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens | No |
| | g) breeding in captivity of animal species as well as artificial propagation of plant species | No |
| | h) other measures | No |

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

| b) Statistics/ quantity taken | Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period | | | | | |
|----------------------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Season/ year 1 | Season/ year 2 | Season/ year 3 | Season/ year 4 | Season/ year 5 | Season/ year 6 |
| Min. (raw, ie. not rounded) | | | | | | |
| Max. (raw, ie. not rounded) | | | | | | |
| Unknown | No | No | No | No | No | No |

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Pannonian (PAN)

4.2 Sources of information

Balázs Vági, Tibor Kovács, Raluca Bancila, Tibor Hartel, Brandon P. Anthony (2013): A landscape-level study on the breeding site characteristics of amphibian species in Central Europe. *Amphibia-Reptilia* (34) pp.: 63-73.

J.Susanne Hauswaldta et al. (2013): Radically different phylogeographies and patterns of genetic variation in two European brown frogs, genus *Rana*. *Molecular Phylogenetics and Evolution* Vol. 68, (3) Pp. 657-670.

Attila Hettyey, · Balázs Vági, · Tibor Kovács, János Ujszegi, · Patrik Katona, · Márk Szederkényi, · Peter B. Pearman, · Matteo Griggio, and · Herbert Hoi (2014): Reproductive interference between *Rana dalmatina* and *Rana temporaria* affects reproductive success in natural populations. in: *Oecologia*. Springer-Verlag. Berlin.

<https://herpterkep.mme.hu/>

A Nemzeti Biodiverzitás-Monitorozó Rendszer Keretében 2013-2018 Között Végzett Felmérések Kutatási Jelentései__ (Monitoring Reports (2013-2018) Of Hungarian Biodiversity Monitoring System)

5. Range

5.1 Surface area

8265

5.2 Short-term trend Period

2007-2018

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6.13 Long-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Confidence interval

6.14 Long-term trend Method used

6.15 Favourable reference population (using the unit in 6.2 or 6.4)

- a) Population size
- b) Operator Approximately equal to (\approx)
- c) Unknown
- d) Method

6.16 Change and reason for change in population size

- Improved knowledge/more accurate data
- Use of different method
- The change is mainly due to: Improved knowledge/more accurate data

6.17 Additional information

7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat

- a) Are area and quality of occupied habitat sufficient (for long-term survival)? Yes
- b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?

7.2 Sufficiency of area and quality of occupied habitat Method used

Based mainly on extrapolation from a limited amount of data

7.3 Short-term trend Period

2007-2018

7.4 Short-term trend Direction

Stable (0)

7.5 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

7.6 Long-term trend Period

7.7 Long-term trend Direction

7.8 Long-term trend Method used

7.9 Additional information

8. Main pressures and threats

8.1 Characterisation of pressures/threats

| Pressure | Ranking |
|--|---------|
| Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01) | M |
| Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01) | M |
| Droughts and decreases in precipitation due to climate change (N02) | M |
| Threat | Ranking |
| Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01) | M |

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Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01) M

Droughts and decreases in precipitation due to climate change (N02) M

8.2 Sources of information

8.3 Additional information

9. Conservation measures

9.1 Status of measures

a) Are measures needed? No

b) Indicate the status of measures

9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

9.5 List of main conservation measures

9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters

a) Range Good

b) Population Unknown

c) Habitat of the species Poor

10.2 Additional information

11. Conclusions

11.1. Range Favourable (FV)

11.2. Population Unfavourable - Inadequate (U1)

11.3. Habitat for the species Unfavourable - Inadequate (U1)

11.4. Future prospects Unfavourable - Inadequate (U1)

11.5 Overall assessment of Conservation Status Unfavourable - Inadequate (U1)

11.6 Overall trend in Conservation Status Stable (=)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

No change

The change is mainly due to:

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11.8 Additional information

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)

- a) Unit
- b) Minimum
- c) Maximum
- d) Best single value

12.2 Type of estimate

12.3 Population size inside the network Method used

12.4 Short-term trend of population size within the network Direction

12.5 Short-term trend of population size within the network Method used

12.6 Additional information

13. Complementary information

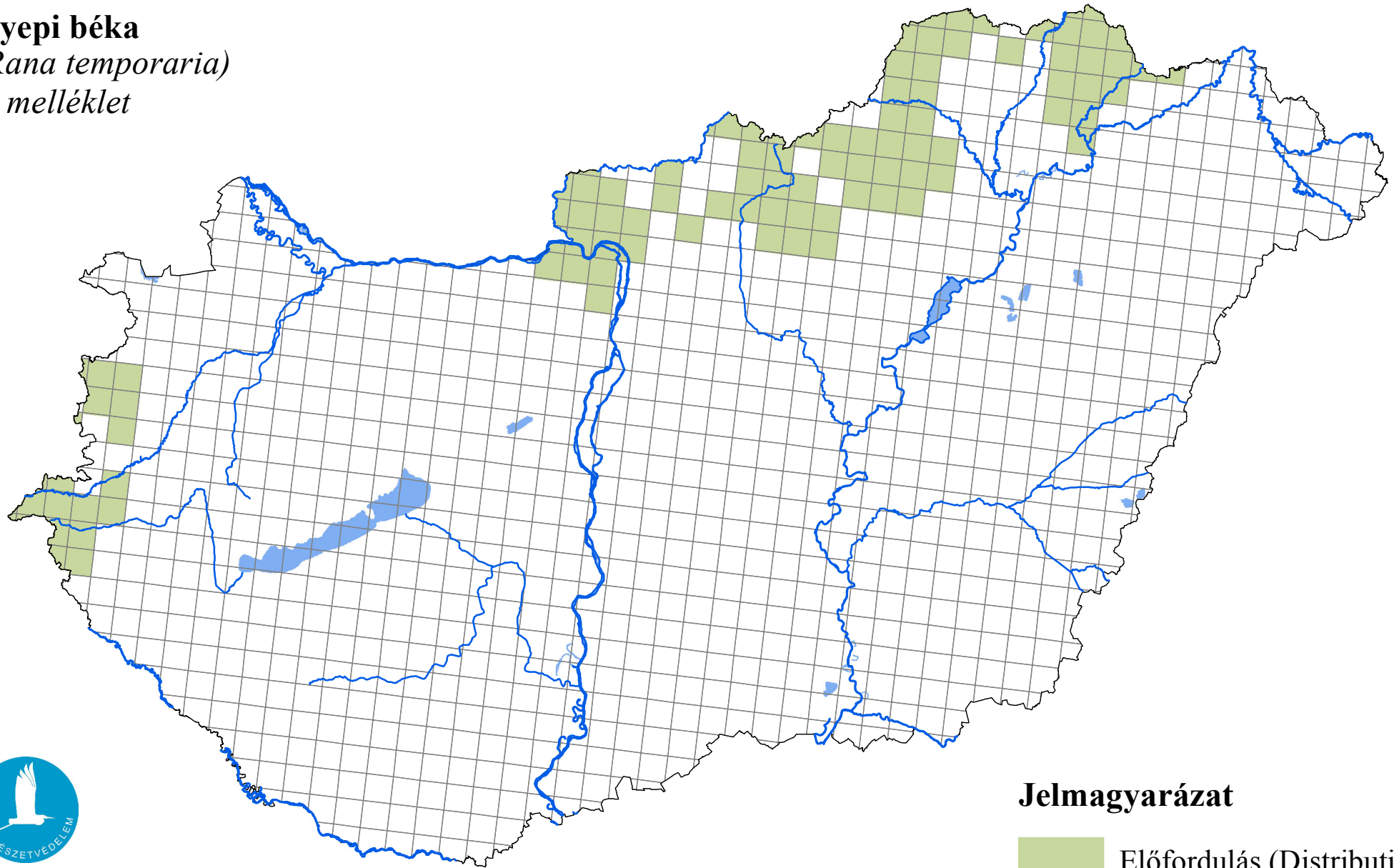
13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information


Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Gyepi béka
(*Rana temporaria*)
V. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

 Előfordulás (Distribution)

0 25 50 Kilometers
