

Bird species' status and trends reporting format for the period 2008-2012 (Annex 2)

1. Species Information

1.1 Member State	Hungary
1.2.2 Natura 2000 code	A246
1.3 Species name	Lullula arborea
1.3.1 Sub-specific population	
1.4 Alternative species name	
1.5 Common name	erdei pacsirta
1.6 Season	Breeding (B)

2. Population size

2.1 Year or period	2000-2012
2.2 Population size	a)unit number of pairs (p) b)minimum 1000 c)maximum
2.3 Type of estimate	Where accurate estimate is not available (Minimum)
2.4 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
2.5 Quality	Poor (1)
2.6 Sources	National Park Directorates' databases.
2.8 Additional information	

3. Population trend

3.1 Short-term trend (last 12 years)

3.1.1 Period	1999-2012
3.1.2 Trend direction	Decrease (-)
3.1.3 Magnitude	a)Min 61 b)Max 61
3.1.4 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
3.1.5 Quality	Moderate (2)
3.1.6 Sources	National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. <i>Ornis Hungarica</i> 2012. 20(2): 13-63.

3.2 Long-term trend (since c. 1980)

3.2.1 Period	1980-2012
3.2.2 Trend direction	Decrease (-)
3.2.3 Magnitude	a)Min 61 b)Max 61
3.2.4 Method used	Estimate based on expert opinion with no or minimal sampling (1)
3.2.5 Quality	Poor (1)
3.2.6 Sources	Magyar, G., Hadarics, T., Waliczky, Z., Schmidt, A., Nagy, T. & Bankovics, A. (1998): <i>Nomenclator avium Hungariae</i> . Magyarország madarainak névjegyzéke. KTM Természetvédelmi Hivatal Madártani Intézete – Magyar Madártani és Természetvédelmi Egyesület – Winter Fair, Budapest – Szeged. p. 202. National common bird monitoring scheme (MMM) database.

3.3 Additional information

Short term trend analysed by TRIM.
Magnitude of the short term trend (min-max): 35 - 76 %
The trend values in 3.1.3. fields is calculated to the reported period by multiplication of the annual change. The annual change value is a multiplicative

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slope calculated by TRIM. The maximum and minimum values presented in this field above are the 95% CI range of the TRIM calculation.

4. Breeding distribution map and range size

4.1 Year or period	2000-2012
4.2 Sensitive species	No
4.3 Distribution map	Yes
4.4 Additional distribution map	No
4.5 Range map	Yes
4.6 Range surface area	23205
4.7 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
4.8 Quality	Moderate (2)
4.9 Sources	National common bird monitoring scheme (MMM) database.
4.11 Additional information	The distribution and range maps were created on the basis of concrete distribution records as well as data on habitat occurrence.

5. Breeding range trend

5.1 Short-term trend (last 12 years)

5.1.1 Period	2000-2012
5.1.2 Trend direction	Decrease (-)
5.1.3 Magnitude	a)Min 0 b)Max 20
5.1.4 Method used	Estimate based on expert opinion with no or minimal sampling (1)
5.1.5 Quality	Poor (1)
5.1.6 Sources	Consultation with national experts.

5.2 Long-term trend (since c. 1980)

5.2.1 Period	1980-2012
5.2.2 Trend direction	Decrease (-)
5.2.3 Magnitude	a)Min 30 b)Max 50
5.2.4 Method used	Estimate based on expert opinion with no or minimal sampling (1)
5.2.5 Quality	Poor (1)
5.2.6 Sources	Consultation with national experts.
5.3 Additional information	

6. Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

6.1 Type of plan	No Plan (NA)
6.2 National plan adopted?	N/A
6.3 Measures linked to SAP/MP/BMS	
6.4 Further Information	

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7. Main pressures and threats

Pressure	impact	quality	location	sources
non intensive grazing (A04.02)	medium importance (M)	Moderate (2)	Inside the Member State (4)	Szakértői becslés
continuous urbanisation (E01.01)	medium importance (M)	Moderate (2)	Inside the Member State (4)	Schmidt, E. (1998): Erdei pacsirta. In Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest
Industrial or commercial areas (E02)	medium importance (M)	Moderate (2)	Inside the Member State (4)	Szakértői becslés
walking, horseriding and non-motorised vehicles (G01.02)	low importance (L)	Poor (1)	Inside the Member State (4)	Schmidt, E. (1998): Erdei pacsirta. In Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest
motorised vehicles (G01.03)	high importance (H)	Moderate (2)	Inside the Member State (4)	Schmidt, E. (1998): Erdei pacsirta. In Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest
burning down (J01.01)	low importance (L)	Poor (1)	Inside the Member State (4)	Szakértői becslés
predation (K03.04)	medium importance (M)	Poor (1)	Inside the Member State (4)	Schmidt, E. (1998): Erdei pacsirta. In Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest

8. SPA coverage and conservation measures

8.1 Population inside the SPA network

8.1.1 Population size	a)unit	number of pairs	b)minimum	370	c)maximum	620
		(p)				
8.1.2 Method used	Estimate based on expert opinion with no or minimal sampling (1)					
8.1.3 Short-term trend of population	Decrease (-)					

8.2 Conservation Measures

8.2.1 Measure	8.2.2 Type	8.2.3 Ranking	8.2.4 Location	8.2.5 Broad Evaluation
Maintaining grasslands and other open habitats (2.1)	Legal Contractual Recurrent	medium importance (M)	Inside	Maintain

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Restoring/improving forest habitats (3.1)	Legal Administrative One-off	high importance (H)	Inside	Enhance
Establish protected areas/sites (6.1)	Legal One-off	medium importance (M)	Inside	Maintain
Legal protection of habitats and species (6.3)	Legal One-off	medium importance (M)	Both	Maintain
Adaptation/ abolition of military land use (6.5)	Administrative Recurrent	medium importance (M)	Inside	Maintain

Térképmelléklet a madárvédelmi irányelv 12. cikke alapján készített országjelentéshez 2013.

erdei pacsirta (*Lullula arborea*)

jelölő faj (I. melléklet)

