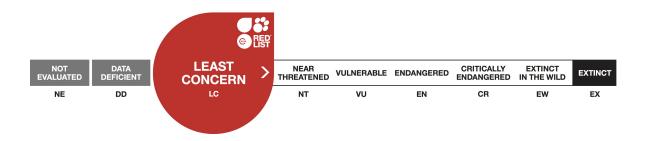


The IUCN Red List of Threatened Species™ ISSN 2307-8235 (online) IUCN 2008: T22710055A87896555 Scope: Global Language: English

# Phoenicurus phoenicurus, Common Redstart

### Assessment by: BirdLife International



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### Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Aves	Passeriformes	Muscicapidae

Taxon Name: Phoenicurus phoenicurus (Linnaeus, 1758)

#### **Regional Assessments:**

• Europe

#### Common Name(s):

- English: Common Redstart, Redstart
- French: Rougequeue à front blanc

#### Taxonomic Source(s):

del Hoyo, J., Collar, N.J., Christie, D.A., Elliott, A., Fishpool, L.D.C., Boesman, P. and Kirwan, G.M. 2016. *HBW and BirdLife International Illustrated Checklist of the Birds of the World. Volume 2: Passerines*. Lynx Edicions and BirdLife International, Barcelona, Spain and Cambridge, UK.

### **Assessment Information**

Red List Category & Criteria:	Least Concern <u>ver 3.1</u>		
Year Published:	2016		
Date Assessed:	October 1, 2016		

#### Justification:

This species has an extremely large range, and hence does not approach the thresholds for Vulnerable under the range size criterion (Extent of Occurrence <20,000 km<sup>2</sup> combined with a declining or fluctuating range size, habitat extent/quality, or population size and a small number of locations or severe fragmentation). The population trend appears to be increasing, and hence the species does not approach the thresholds for Vulnerable under the population trend criterion (>30% decline over ten years or three generations). The population size is extremely large, and hence does not approach the thresholds for Vulnerable under the population size criterion (<10,000 mature individuals with a continuing decline estimated to be >10% in ten years or three generations, or with a specified population structure). For these reasons the species is evaluated as Least Concern.

#### **Previously Published Red List Assessments**

2012 – Least Concern (LC) – http://dx.doi.org/10.2305/IUCN.UK.2012-1.RLTS.T22710055A39759859.en

- 2009 Least Concern (LC)
- 2008 Least Concern (LC)
- 2004 Least Concern (LC)
- 2000 Lower Risk/least concern (LR/Ic)

1994 – Lower Risk/least concern (LR/lc)

1988 – Lower Risk/least concern (LR/Ic)

# **Geographic Range**

#### **Country Occurrence:**

Native: Afghanistan; Albania; Algeria; Andorra; Armenia (Armenia); Austria; Azerbaijan; Bahrain; Belarus; Belgium; Benin; Bosnia and Herzegovina; Bulgaria; Burkina Faso; Cameroon; Central African Republic; Chad; Congo, The Democratic Republic of the; Côte d'Ivoire; Croatia; Cyprus; Czech Republic; Denmark; Djibouti; Egypt; Eritrea; Estonia; Ethiopia; Finland; France; Gambia; Georgia; Germany; Ghana; Gibraltar; Greece; Guinea-Bissau; Hungary; Iran, Islamic Republic of; Iraq; Ireland; Israel; Italy; Jordan; Kazakhstan; Kenya; Kuwait; Kyrgyzstan; Latvia; Lebanon; Liberia; Libya; Liechtenstein; Lithuania; Luxembourg; Macedonia, the former Yugoslav Republic of; Mali; Malta; Mauritania; Moldova; Mongolia; Montenegro; Morocco; Netherlands; Niger; Nigeria; Norway; Oman; Pakistan; Palestinian Territory, Occupied; Poland; Portugal; Qatar; Romania; Russian Federation; Saudi Arabia; Senegal; Serbia (Serbia); Sierra Leone; Slovakia; Slovenia; Somalia; South Sudan; Spain (Canary Is.); Sudan; Sweden; Switzerland; Syrian Arab Republic; Tajikistan; Togo; Tunisia; Turkey; Turkmenistan; Uganda; Ukraine; United Arab Emirates; United Kingdom; Western Sahara; Yemen

Vagrant: Faroe Islands; Iceland; Rwanda; Seychelles; Tanzania, United Republic of; Zimbabwe

# **Distribution Map**

Phoenicurus phoenicurus

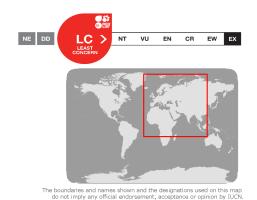


#### Range

Extant (breeding) Extant (non breeding)

#### Compiled by:

BirdLife International and Handbook of the Birds of the World (2016)





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# Population

In Europe, the breeding population is estimated to number 9,630,000-15,000,000 pairs, which equates to 19,300,000-29,900,000 mature individuals (BirdLife International 2015). Europe forms c.60% of the global range, so a very preliminary estimate of the global population size is 32,100,000-49,800,000 mature individuals, although further validation of this estimate is needed.

### **Trend Justification**

In Europe, trends between 1980 and 2013 show that populations have undergone a moderate increase (EBCC 2015).

### Current Population Trend: Increasing

### Habitat and Ecology (see Appendix for additional information)

This species inhabits open forest and woodland, including old parkland and park-like gardens, forest clearings and margins, preferably with semi-open undergrowth or herbage. In northern Europe, it occupies subarctic mountain birch and barren pine forests and in central and southern Europe it uses broadleaf forest, as well as many intermediate habitats such as heaths and commons with scattered mature trees, pollard willows (*Salix*) along streams and ditches, open hilly country with old stone walls and buildings. In Russia, it generally prefers broadleaf and mixed forest, less often pinewoods. The breeding season is from the end of April to mid-July but up to two weeks earlier in southern Europe, late May-late June in northern Finland and May-July in Morocco. The nest is a cup of grass, roots and moss, lined with hair and feathers and usually set one to six metres up in a hole in a tree, wall or old stump, or in a nestbox, commonly with one side with open terrain. Clutches are five to seven eggs. The diet is made up of fruits and berries. The species is migratory (Collar and Christie 2015).

Systems: Terrestrial

# Threats

Severe declines in central Europe have been attributed to rainfall patterns in the Sahel combined with intensified modern forestry practices (reducing availability of nest holes) and interspecific nest-site competition. However the evidence for these is not strong and a partial recovery in Britain can not be explained by changes in these factors (Collar and Christie 2015). The species may be subject to habitat degradation from pollution effects on forests in this region (Hagemeijer and Blair 1997). There is also evidence that in north-west Europe the species is subject to deliberate killing (Collar and Christie 2015).

### **Conservation Actions** (see Appendix for additional information)

### **Conservation Actions Underway**

CMS Appendix II. Bern Convention Appendix II. There are currently no known conservation measures for this species within Europe.

#### **Conservation Actions Proposed**

This species would benefit from the conservation of mature, fairly open deciduous and mixed forests and mature trees in secondary habitats. Locally, in suitable habitat, population numbers would benefit from the provision of nest boxes (Tucker and Heath 1994). It is recommended that both traditionally managed orchards with tall trees with cavities and areas with sparse vegetation should be preserved. For this management should preserve patches of sparse vegetation and create new patches close to potential breeding sites. These practices should be promoted though agri-environment schemes. In addition small patches of dense meadow should be mowed throughout the breeding season to maintain suitable foraging areas (Martinez *et al.* 2010).

# Credits

Assessor(s):	BirdLife International
Reviewer(s):	Butchart, S. & Symes, A.
Facilitators(s) and Compiler(s):	Ashpole, J, Butchart, S., Ekstrom, J.

# Bibliography

BirdLife International. 2004. *Birds in Europe: population estimates, trends and conservation status*. BirdLife International, Cambridge, U.K.

BirdLife International. 2015. European Red List of Birds. Office for Official Publications of the European Communities, Luxembourg.

Collar, N. and Christie, D.A. 2015. Common Redstart (*Phoenicurus phoenicurus*). In: del Hoyo, J., Elliott, A., Sargatal, J., Christie, D.A. and de Juana, E. (eds), *Handbook of the Birds of the World Alive*, Lynx Edicions, Barcelona.

Crick, H. Q. P.; Dudley, C.; Glue, D.E.; Thomson, D.L. 1997. UK birds are laying earlier. Nature 388: 526.

Crick, H. Q. P.; Sparks, T.H. 1999. Climate change related to egg-laying trends. *Nature* 399: 423-424.

Croxton, P. J.; Sparks, T. H.; Cade, M.; Loxton, R. G. 2006. Trends and temperature effects in the arrival of spring migrants in Portland (United Kingdom) 1959-2005. *Acta Ornithologica* 41: 103-111.

EBCC. 2015. Pan-European Common Bird Monitoring Scheme. European Bird Census Council. Available at: <u>http://www.ebcc.info/index.php?ID=587</u>.

Hagemeijer, E.J.M. and Blair, M.J. 1997. *The EBCC atlas of European breeding birds: their distribution and abundance*. T. and A. D. Poyser, London.

Hüppop, O.; Hüppop, K. 2003. North Atlantic Oscillation and timing of spring migration in birds. *Proceedings of the Royal Society of London Series B* 270: 233-240.

IUCN. 2016. The IUCN Red List of Threatened Species. Version 2016-3. Available at: <u>www.iucnredlist.org</u>. (Accessed: 07 December 2016).

Jenni, L.; Kery, M. 2003. Timing of autumn bird migration under climate change: advances in longdistance migrants, delays in short-distance migrants. *Proceedings of the Royal Society of London Series B* 270(1523): 1467-1471.

Jonzén, N.; Lindén, A.; Ergon, T.; Knudsen, E.; Vik, J. O.,;Rubolini, D.; Piacentini, D.; Brinch, C.; Spina, F.; Karlsson, L.; Stervander, M.; Andersson, A.; Waldenström, J.; Lehikoinen, A.; Edvardsen, E.; Solvang, R.; Stenseth, N. C. 2006. Rapid advance of spring arrival dates in long-distance migratory birds. *Science* 312(5782): 1959-1961.

Martinez, N., Jenni, L., Wyss, E. and Zbinden, N. 2010. Habitat structure versus food abundance: the importance of sparse vegetation for the common redstart *Phoenicurus phoenicurus*. *Journal of Ornithology* 151(2): 297-307.

Sparks, T. H.; Huber, K.; Bland, R. L.; Crick, H. Q. P.; Croxton, P. J.; Flood, J.; Loxton, R. G.; Mason, C. F.; Newnham, J.A.; Tryjanowski, P. 2007. How consistent are trends in arrival (and departure) dates of migrant birds in the UK? *Journal of Ornithology* 148: 503-511.

Tøttrup, A. P.; Thorup, K.; Rahbek, C. 2006. Patterns of change in timing of spring migration in North European songbird populations. *Journal of Avian Biology* 37: 84-92.

Tryjanowski, P.; Kuzniak, S.; Sparks, T. H. 2005. What affects the magnitude of change in first arrival dates of migrant birds? *Journal of Ornithology* 146: 200-205.

Tucker, G.M. and Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife International, Cambridge, U.K.

Vahatalo, A. V.; Rainio, K.; Lehikoinen, A.; Lehikoinen, E. 2004. Spring arrival of birds depends on the North Atlantic Oscillation. *Journal of Avian Biology* 35: 210-216.

Zalakevicius, M.; Bartkeviciene, G.; Raudonikis, L.; Janulaitis, J. 2006. Spring arrival response to climate change in birds: a case study from eastern Europe. *Journal of Ornithology* 147: 326-343.

# Citation

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## **External Resources**

For Images and External Links to Additional Information, please see the Red List website.

# Appendix

# Habitats

(http://www.iucnredlist.org/technical-documents/classification-schemes)

			Major
Habitat	Season	Suitability	Importance?
1. Forest -> 1.1. Forest - Boreal		Suitable	No
1. Forest -> 1.1. Forest - Boreal	Non- breeding	Suitable	No
1. Forest -> 1.4. Forest - Temperate		Suitable	No
1. Forest -> 1.4. Forest - Temperate	Non- breeding	Suitable	No
1. Forest -> 1.5. Forest - Subtropical/Tropical Dry	Non- breeding	Suitable	Yes
3. Shrubland -> 3.3. Shrubland - Boreal	Breeding	Suitable	No
3. Shrubland -> 3.3. Shrubland - Boreal	Non- breeding	Suitable	No
3. Shrubland -> 3.4. Shrubland - Temperate	Breeding	Suitable	No
3. Shrubland -> 3.4. Shrubland - Temperate	Non- breeding	Suitable	No
3. Shrubland -> 3.5. Shrubland - Subtropical/Tropical Dry	Non- breeding	Suitable	Yes
3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation	Breeding	Suitable	No
3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation	Non- breeding	Suitable	No
4. Grassland -> 4.4. Grassland - Temperate	Breeding	Suitable	No
4. Grassland -> 4.4. Grassland - Temperate	Non- breeding	Suitable	No
14. Artificial/Terrestrial -> 14.1. Artificial/Terrestrial - Arable Land	Breeding	Suitable	No
14. Artificial/Terrestrial -> 14.1. Artificial/Terrestrial - Arable Land	Non- breeding	Suitable	No
14. Artificial/Terrestrial -> 14.3. Artificial/Terrestrial - Plantations	Breeding	Suitable	No
14. Artificial/Terrestrial -> 14.3. Artificial/Terrestrial - Plantations	Non- breeding	Suitable	No
14. Artificial/Terrestrial -> 14.4. Artificial/Terrestrial - Rural Gardens	Breeding	Suitable	No
14. Artificial/Terrestrial -> 14.4. Artificial/Terrestrial - Rural Gardens	Non- breeding	Suitable	No
14. Artificial/Terrestrial -> 14.5. Artificial/Terrestrial - Urban Areas	Breeding	Suitable	No
14. Artificial/Terrestrial -> 14.5. Artificial/Terrestrial - Urban Areas	Non- breeding	Suitable	No

# **Conservation Actions in Place**

(http://www.iucnredlist.org/technical-documents/classification-schemes)

Conservation Actions in Place	
In-Place Research, Monitoring and Planning	
Action Recovery plan: No	
Systematic monitoring scheme: Yes	
In-Place Land/Water Protection and Management	
Conservation sites identified: Yes, over entire range	
Occur in at least one PA: Yes	
Invasive species control or prevention: No	
In-Place Species Management	
Successfully reintroduced or introduced beningly: No	
Subject to ex-situ conservation: No	
In-Place Education	
Subject to recent education and awareness programmes: No	
Included in international legislation: Yes	
Subject to any international management/trade controls: No	

# **Additional Data Fields**

Distribution	
Continuing decline in area of occupancy (AOO): Unknown	
Extreme fluctuations in area of occupancy (AOO): No	
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 19700000	
Continuing decline in extent of occurrence (EOO): Unknown	
Extreme fluctuations in extent of occurrence (EOO): No	
Continuing decline in number of locations: Unknown	
Extreme fluctuations in the number of locations: No	
Upper elevation limit (m): 2900	
Population	
Number of mature individuals: 32000000-49999999	
Continuing decline of mature individuals: Unknown	
Extreme fluctuations: No	

#### Population

Population severely fragmented: No

Continuing decline in subpopulations: Unknown

Extreme fluctuations in subpopulations: No

All individuals in one subpopulation: No

#### Habitats and Ecology

Continuing decline in area, extent and/or quality of habitat: Unknown

Generation Length (years): 4.1

Movement patterns: Full Migrant

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