The status of the European Roller in Lithuania
Do you have breeding rollers in your country? Yes

<table>
<thead>
<tr>
<th>Range states</th>
<th>Breeding</th>
<th>Migration</th>
<th>Wintering</th>
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<td>Ukraine</td>
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</table>

Table 1. European range states of the European Roller. Member states of the EU in bold (BirdLife International 2008).
Latvian ringed rollers observations during migration

September 17-19th, 2014
near Panevezys

August 12th, 2012
near Kaunas
Population size and trend between 2000-2016 in your country. Please check and update the table if necessary.

### Population size and trend by country (BirdLife International 2008).

**Notes:** G – Good; M – Medium; P – Poor.

<table>
<thead>
<tr>
<th>Country</th>
<th>Breeding pairs.</th>
<th>Year(s) of the latest estimate</th>
<th>Breeding Population trend in the last 15 years (= 3 generations)</th>
<th>Quality</th>
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<tbody>
<tr>
<td>Albania</td>
<td>10-50</td>
<td>M 2002</td>
<td>decline</td>
<td>P</td>
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<td>300-650</td>
<td>M 2000-2002</td>
<td>stable</td>
<td>M</td>
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<td>10-18</td>
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<td>Azerbaijan</td>
<td>1000-5000</td>
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<td>P</td>
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<td>Belarus</td>
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<td>M 2008</td>
<td>large decline</td>
<td>M</td>
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<td>2.5-5.5</td>
<td>M 1990-2005</td>
<td>small increase</td>
<td>M</td>
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<td>Croatia</td>
<td>0-5</td>
<td>M 2002</td>
<td>large decline</td>
<td>P</td>
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<td>2000-4000</td>
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<td>small increase</td>
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<td>Estonia</td>
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<td>G 2003-2007</td>
<td>moderate decline</td>
<td>M</td>
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<td>France</td>
<td>800-1000</td>
<td>M 2007</td>
<td>moderate increase</td>
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<td>P 1995-2000</td>
<td>small decline</td>
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<td>1000</td>
<td>G 2007</td>
<td>stable</td>
<td>G</td>
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<td>G 2005</td>
<td>large decline</td>
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<td>M</td>
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<td>Serbia</td>
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<td>Slovakia</td>
<td>1-20</td>
<td>P 2008</td>
<td>large decline</td>
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<td>Slovenia</td>
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<td>Spain</td>
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<td>P</td>
</tr>
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<td>Turkey</td>
<td>30 000-60 000</td>
<td>P 2001</td>
<td>moderate decline</td>
<td>P</td>
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<td>Ukraine</td>
<td>4000-5000</td>
<td>M 1990-2000</td>
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<td>G</td>
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<tr>
<td>Total EU (27)</td>
<td>13,000 – 25,000</td>
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<tr>
<td>Total Europe</td>
<td>55,000 – 117,000</td>
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<td>decline</td>
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</tbody>
</table>

**Update**

**Breeding pairs:** 10-15

2016 year of estimate

**Lithuania**

10-15  G  2016  large decline

Large decline
Population trend between 2000-2016 in Lithuania

100-150 pairs 2001 (P.Kurlavičius, L.Raudonikis)

35-50 pairs 2007

10-15 pairs 2016
Known breeding pairs in Lithuania

Note: NE – North-eastern part, S- Southern part of Lithuania

Only 1 pair breeds in natural tree cavity
What are the main threats for rollers in your country?

Please list in the order of critical, high, medium.

• Critical - a factor causing or likely to cause very rapid declines and/or extinction;

Loss of natural/previous habitats (old forest stands cutting)

• High - a factor causing or likely to cause rapid decline leading to depletion;

Predation (Pine and/or house martens)

Loss of feeding grounds (less farming livestock, overgrown meadows not suitable for feeding)

• Medium - a factor causing or likely to cause relatively slow but significant declines.

Human disturbance at breeding places

Climate changes (cold/wet summers)

• Please list any long term threats that have no solution yet?

Hunting on migration

Poisoning (pesticides) at wintering grounds

• Please list any threats that started fairly recently?

Fragmentation of very small national population

• Please list any threats that have been solved/or gotten better since the last ISAP (2008).

Seeking to compensate the loss of natural/previous habitats multiple nest-boxes were erected and the ones with breeding birds were secured with metal or plastic sheets from predators (marten).
Have there been any changes in your country regarding the policies and legislations relevant to the management of the species? What percentage of the breeding territories are protected?

• Larger part of the breeding population outside the protected areas
• All nesting sites should be protected according the forest cutting rules (50 m radius around nests)
• All breeding sites are included into the official database (SRIS) of the protected species
• Species is included into the short list of the especially/strictly protected species
What is the main goal in your country regarding the roller population?

• To stop population decline and to recover population at least to 2007 year level
Please list the recent conservation activities (national species action plans, monitoring programmes, habitat restorations, research programmes) that are relevant to the species within your country.

• Small grant BirdLife Rollers Conservation project in LT (2010-2011)
• Funding received from a supermarket chain IKI (within two years bags with pictures of 3 bird species (Roller, Hoopoe and Ural Owl) were sold and part of the money received by LOD) (2012-2015)
• Regular monitoring of the breeding population by LOD volunteers
• Administrations of the protected areas also doing regular monitoring in the former breeding sites according to the State monitoring Programme
Please list any new scientific findings that could affect the conservation of the species.

Not so scientific, but some findings:

1. It’s still not clear what nest-box design is good for Rollers.
2. Still not clear how important is old mature forests preservation.
3. Still not clear how breeding pairs are bind to the same partner and breeding place

Ringed bird JC in 3 years bred in 3 different places

Ringed bird DE:
2013 – bred with ringed roller from Latvia
2014 – bred with not ringed partner
2015 – bred with ringed Lithuanian roller JM
2016 – bred with not ringed partner

Nest-box, where not ringed pair bred at 2013, was abandoned during 2014 and 2015, but occupied by ringed (JN and UC) pair at 2016
Please explain your monitoring methods.

- Monitoring of current and previous breeding places (May - June)
- Monitoring/checking of nest-boxes (through spring to autumn)
- Birds ringing with colour rings
- Monitoring of returned birds, ring reading
- Registration of every bird sighting in the country
Please list all the goals and actions from the last ISAP (2008) that are now considered complete.

You can use the tables on pages 20-26 of the 2008 ISAP as a baseline: http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/docs/coracias_garrulus_garrulus.pdf

• n/a
Please list new objectives that should be incorporated in the new ISAP.

- Sufficient natural breeding habitat is available throughout the distribution range in terms of size and quality
- Efficient cooperation and information exchange between countries
Thank you.