Lesotho
This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Lesotho. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

▶ Access and usage

Researchers from Lesotho contributed to 0 peer-reviewed articles citing GBIF use during 2023 and a total of 0 articles since 2008

▶ Data availability in Lesotho

Animalia 94,745 occurrences
Plantae 26,742 occurrences
Fungi 1,155 occurrences
Unknown 243 occurrences
Protozoa 0 occurrences
Bacteria 8 occurrences
Virus 24 occurrences
Chromista 236 occurrences
Archaea 0 occurrences

▶ Data mobilization

Institutions from Lesotho published 3,112 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org

Number of records published by institutions in Lesotho, categorized by kingdom
Access and usage

Data downloads on GBIF.org from users in Lesotho

Users from Lesotho made 1 download request representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Lesotho
## Data availability

### Total data available for selected taxonomic groups in Lesotho

<table>
<thead>
<tr>
<th>Taxonomic Group</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammals</td>
<td>224</td>
</tr>
<tr>
<td>Birds</td>
<td>76,936</td>
</tr>
<tr>
<td>Bony fish</td>
<td>604</td>
</tr>
<tr>
<td>Amphibians</td>
<td>633</td>
</tr>
<tr>
<td>Insects</td>
<td>15,166</td>
</tr>
<tr>
<td>Reptiles</td>
<td>239</td>
</tr>
<tr>
<td>Molluscs</td>
<td>64</td>
</tr>
<tr>
<td>Arachnids</td>
<td>393</td>
</tr>
<tr>
<td>Flowering plants</td>
<td>23,146</td>
</tr>
<tr>
<td>Ferns</td>
<td>831</td>
</tr>
<tr>
<td>Gymnosperms</td>
<td>16</td>
</tr>
<tr>
<td>Mosses</td>
<td>2,423</td>
</tr>
<tr>
<td>Sac fungi</td>
<td>1,123</td>
</tr>
<tr>
<td>Basidiomycota</td>
<td>3</td>
</tr>
</tbody>
</table>

**Taxonomic classification:****
- **Mammals** = Class *Mammalia*
- **Birds** = Class *Aves*
- **Bony fish** = Superclass *Osteichthyes* p.p.
- **Amphibians** = Class *Amphibia*
- **Insects** = Class *Insecta*
- **Reptiles** = Class *Testudines, Sphenodontia, Squamata & Crocodylia*
- **Molluscs** = Phylum *Mollusca*
- **Arachnids** = Class *Arachnida*
- **Flowering plants** = Phylum *Magnoliophyta*
- **Gymnosperms** = Superclass *Gymnospermae*
- **Ferns** = Phylum *Pteridophyta*
- **Mosses** = Phylum *Bryophyta*
- **Sac fungi** = Phylum *Ascomycota*
- **Basidiomycota** = Phylum *Basidiomycota*

## Change over time in records about biodiversity in Lesotho

**Occurrence records available about species occurring in Lesotho**

<table>
<thead>
<tr>
<th>Date</th>
<th>Number of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>0.015</td>
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<tr>
<td>2007</td>
<td>0.020</td>
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<tr>
<td>2008</td>
<td>0.025</td>
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<td>2011</td>
<td>0.040</td>
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<td>2012</td>
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<td>2013</td>
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</tr>
<tr>
<td>2014</td>
<td>0.055</td>
</tr>
<tr>
<td>2015</td>
<td>0.060</td>
</tr>
<tr>
<td>2016</td>
<td>0.065</td>
</tr>
<tr>
<td>2017</td>
<td>0.070</td>
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<td>2018</td>
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</tr>
<tr>
<td>2019</td>
<td>0.080</td>
</tr>
<tr>
<td>2020</td>
<td>0.085</td>
</tr>
</tbody>
</table>

**Species for which at least one occurrence record is available in Lesotho**

<table>
<thead>
<tr>
<th>Date</th>
<th>Number of species</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>10</td>
</tr>
<tr>
<td>2007</td>
<td>20</td>
</tr>
<tr>
<td>2008</td>
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<td>2009</td>
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<td>2018</td>
<td>130</td>
</tr>
<tr>
<td>2019</td>
<td>140</td>
</tr>
<tr>
<td>2020</td>
<td>150</td>
</tr>
</tbody>
</table>

**WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?**

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life.
Newest publishers from Lesotho

No data available

Occurrence records downloaded from GBIF.org, published by institutions in Lesotho

See all publishers from this country or area: gbif.org/publisher/search?country=LS

Number of occurrence records downloaded via GBIF.org published by institutions in Lesotho
Data mobilization

Data sharing with country or area of origin by national institutions in Lesotho

The chart above shows the number of records shared over time by publishers within Lesotho, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Lesotho

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>South Africa</td>
<td>91,659</td>
</tr>
<tr>
<td>2</td>
<td>Lesotho</td>
<td>16,269</td>
</tr>
<tr>
<td>3</td>
<td>United States of America</td>
<td>4,789</td>
</tr>
<tr>
<td>4</td>
<td>United Kingdom</td>
<td>1,749</td>
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<tr>
<td>5</td>
<td>Sweden</td>
<td>1,671</td>
</tr>
<tr>
<td>6</td>
<td>Netherlands</td>
<td>1,426</td>
</tr>
<tr>
<td>7</td>
<td>International organization or unknown country</td>
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</tr>
<tr>
<td>8</td>
<td>France</td>
<td>916</td>
</tr>
<tr>
<td>9</td>
<td>Switzerland</td>
<td>668</td>
</tr>
<tr>
<td>10</td>
<td>Colombia</td>
<td>516</td>
</tr>
</tbody>
</table>

Table 1. Ranking of countries or areas contributing data about Lesotho

Top datasets contributing data about Lesotho

- Botanical Database of Southern Africa (BODATSA): Botanical Collections. 17,109 occurrences in Lesotho. (Last updated 11 Dec 2023)
- EOD – eBird Observation Dataset. 16,269 occurrences in Lesotho. (Last updated 20 Aug 2023)

See all contributing countries and areas or datasets: gbif.org/country/LS/about