Member Node Description: Cornell Lab of Ornithology - eBird data

Version 1.1 5/1/2014 Steve Kelling, Brian Sullivan, Kevin Webb

General

Name of resource: Cornell Lab of Ornithology - eBird
URL(s): https://dataone.ornith.cornell.edu/knb
Institutional affiliation(s): Cornell Lab of Ornithology
Primary geographic location: Ithaca, NY, USA
Project Director & contact info: Steve Kelling stk2@cornell.edu
Technical Contact & contact info: Kevin Webb kfw4@cornell.edu
Age of resource: Since 2012
Funding support: Variety of grants and private donations
Proposed Unique Identifier: urn:node:CLOEBIRD

Content

Content description/collection policy (1 paragraph, domain and spatial/temporal coverage, uniqueness of content, exclusions, as applicable):
eBird collects observational data on birds from around the world with a date range from 1800 to current. eBird is a valuable data resource for science and conservation, collecting millions of bird observations per month.

Types of data (complex objects, text, image, video, audio, other):
Text

Data and metadata availability (rights, licensing, restrictions):
The Cornell Lab of Ornithology is committed to making eBird data openly available to the public for research and education. eBird raw data are available in several forms, all available. The eBird Observation Dataset (EOD) is an annual snapshot of the eBird database. It contains the basic variables needed to identify the location and date when an observation of a bird occurred.

Option for embargo (yes/no, duration):

Size of holdings (number and size of datasets, mean and median granules (files) per dataset):

Please describe recent usage statistics, if known, including information on annual data product downloads, annual number of users, annual number of data products used in publications:
Not Known

User interactions

How does a user contribute data? (what can be deposited, how are data prepared, are specific software required, documentation/support available)
Data contributions are controlled by the site administrator.

How does a user acquire / access data?
MetaCat search via CLOEBIRD node or data search through DataOne resources.

What user support services are available (both for depositing and accessing/using data)?
None at this time.

How does the resource curate data at the time of deposit?

Technical characteristics and policies

Software platform description, incl. data search and access API(s):
VM hosted Red-Hat Server running Apache v2.2.22 & MetaCat v2.0.8

Service reliability (including recent uptime statistics, frequency of hardware refresh, if known):
Not Known

Preservation reliability (including replication/backup, integrity checks, format migration, disaster planning):
Offsite Back-up

User authentication technology (incl. level of create/modify/delete access by users):
Read Only access by users

Data identifier system and data citation policy, if available:

Metadata standards (including provenance):
EML

Capacity/services to DataONE

At what functional tier will you initially be operating? (see http://bit.ly/MNFactSheet for definitions)

- ☒ **Tier 1: Read only, public content**
- ☐ **Tier 2: Read only with access control**
- ☐ **Tier 3: Read/write using client tools**
- ☐ **Tier 4: Able to operate as a replication target**

If you can host data from other member nodes, what storage capacity is available?
Currently limited to 500GB

Can you provide computing capacity to the broader network? If so, please describe.
No

Other Services

What other services or resources (such as expertise, software development capacity, educational/training resources, or software tools) can be provided of benefit to the broader network?