Polygons from points (using Clustr)
Deriving species distributions from P.D.
Starting with no data

European Starling
Global Registry of Migratory Species
Explore the
GLOBAL REGISTRY OF MIGRATORY SPECIES

The number of migratory animals can only be estimated at present (likely between 5,000 and 10,000 species). To help eliminate this deficit, the UNEP/CMS Secretariat initiated the development of a database in 1997. The Federal Environment Ministry embraced this idea and financed the GROMS project from 1998 - 2002, scientifically supported by the German Federal Agency for Nature Conservation, and in cooperation with the Zoological Research Museum Alexander Koenig in Bonn.

LET’S EXPLORE or search directly Insert scientific name search

e.g. Eidolon helvum

FEATURED SPECIES ON GROMS

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Wednesday, November 11, 2009
Create an archive of species distributions maps to allow easy access and analysis.
At the web...

Images

Puma concolor

At the web...

Shapefiles

http://esp.cr.usgs.gov/data/atlas/little/
At the web...

Domain areas: TDWG or others...

http://www.nhm.ac.uk/hosted_sites/tdwg/TDWG_geo2.pdf

http://bgbm3.bgbm.fu-berlin.de/iopi/gpc/FLE-ABBR.asp

http://bgbm3.bgbm.fu-berlin.de/iopi/gpc/MedCh-Abbr.asp
At the web...

Natural language

DISTRIBUTION

Geographic Range

SOURCE AND ADDITIONAL INFORMATION

Animal Diversity Web

Christopher Gott

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Gallinago gallinago

http://www.eol.org/taxa/17000037

The Common Snipe, *Gallinago gallinago*, is found throughout North America, Eurasia, South America and Africa. They spend winters in the more temperate climates of northern South America and central Africa (Peterson, 1961: Burton and Burton, 1970)
At the web...

Grid based: UTM, AFE grid...

Flora de Cuba
http://www.bgbm.org/BioDivInf/Projects/Floraofcuba/base_datos.php

Ilex macfadyenii

Grids & mapping – Atlas Flora Europaeae
Widgets for visualization

in blogs, EOL, GBIF, Country portals, project websites...
Named Areas Repository

TDWG Areas Countries

Antigua and Barbuda
Aruba
Argentina
Cape Verde
Grenada
Greenland
Kiribati
Lebanon
Australia
Latvia
Data API

- what species at a certain place
- where this species can be found
- what species in a bounding box
- what species in this polygon