Knowledge Sharing

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What is Knowledge?

- Definition
  - “facts, information, and skills acquired by a person through experience or education; the theoretical or practical understanding of subject” by Oxford language

What is Knowledge-sharing?

- Definition
  - “individual/organization obtains access to any individual's own and other knowledge” (Ramesh Babu and Gopalakrishnan, 2008)

Why sharing knowledge?

- Increase productivity and efficiency by learning from one another and avoiding duplication
- Foster innovation and creativity by bringing together different perspectives and experiences
- Improve decision-making by providing with access to a wider range of information and expertise

rawpixel.com

Lucia Obst (WMDE)

Why sharing knowledge in science?

- Consistency and Reliability -> establish standard procedures and protocols
- Comparability of Results
- Process of creating new knowledge

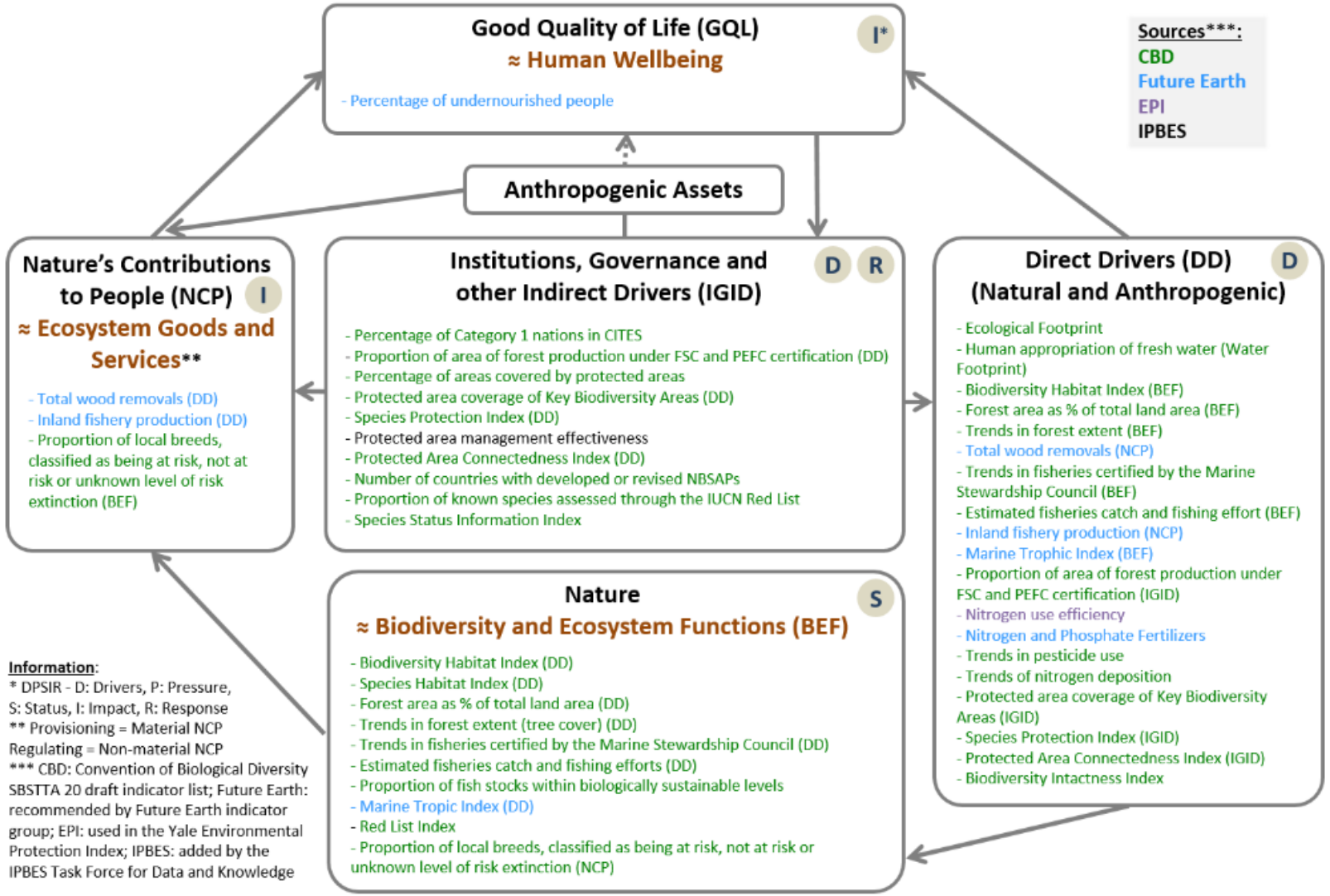
@Mohamed Hassan

Types of knowledge-sharing platform

- Commercial cloud for the repository of publications (or raw data)
- Online forum for discussions, knowledge exchange, and networking among stakeholders
- Interactive website with functionalities for uploading, searching, and accessing information resources (with an option for restricted access)

Repository

Core Indicators



For the IPBES Core Indicators, we kindly ask that authors send any information or data related inquiries to the TSU of Knowledge and Data Task Force at *ipbes.kdtsu@gmail.com*, who will support the correspondence between assessment groups and indicator providers to coordinate the effort on

Predicting potential habitat and population size for reintroduction of the Far Eastern leopards in the Russian …

Repository

Trash

All References / Amur Tigers & Leopards

Search Filters View

COLLECTIONS

- Abundance
- Amur gorals
- Amur Tigers & Leopards
- Climate change
- Dhole
- Human Wildlife Conflict
- ID
- IPBES
- Laos
- least weasel
- Leopard cat
- mostela
- Reintroduction
- Scat Analysis
- Social Network Analysis
- Supplementary feeding
- test
- vignette
- Wildlife Fence
- Create collection

GROUPS

- Create group

AUTHORS	YEAR ▲	TITLE	SOURCE	ADDED	FILE
Mukhacheva, Anna; Bragin…	2022	Local Attitudes Toward Amur Tiger (Panthera tigris altaica) Conservation in the…	Conservation and So…	2023. 6. 2.	
Jetz, Walter; Tertitski, Grigo…	2022	Biological Earth observation with animal sensors	Trends in Ecology an…	2023. 6. 2.	
Klevtcova, Anna V.; Miquell…	2021	The influence of reproductive status on home range size and spatial dynamics…	Mammal Research	2023. 6. 2.	
Qi, Jinzhe; Gu, Jiayin; Ning…	2021	Integrated assessments call for establishing a sustainable meta-population of …	Biological Conservati…	2023. 6. 2.	
Armstrong, Ellie E.; Khan, …	2021	Recent Evolutionary History of Tigers Highlights Contrasting Roles of Genetic …	Molecular Biology an…	2023. 6. 2.	
Petrunenko, Yury K.; Seryo…	2020	How does a tigress balance the opposing constraints of raising cubs?	Mammal Research	2023. 6. 2.	
Lewis, John; Tomlinson, Ale…	2020	Assessing the health risks of reintroduction: The example of the Amur leopard,…	Transboundary and …	2023. 7. 27.	
Sanderson, Eric W.; Moy, J…	2019	Implications of the shared socioeconomic pathways for tiger (Panthera tigris) c…	Biological Conservati…	2023. 6. 2.	
Slaght, Jonathan C.; Milako…	2019	Anthropogenic influences on the distribution of a Vulnerable coniferous forest …	Oryx	2023. 6. 2.	
Seryodkin, I. V.; Burkovskiy,…	2019	Food Habit Analysis of the Amur Leopard Cat Prionailurus bengalensis euptilu…	Biology Bulletin	2023. 7. 27.	
Zhang, Xue; Xu, Yanchun; …	2018	Risks involved in fecal DNA-based genotyping of microsatellite loci in the Amu…	Journal of Forestry R…	2019. 3. 14.	
GU, Jiayin; JIANG, Guangs…	2018	A comparison of food habits and prey preferences of Amur tiger (Panthera tigr…	Integrative Zoology	2019. 3. 19.	
Sulikhan, Nadezhda S.; Gil…	2018	Canine distemper virus in a wild Far Eastern leopard (Panthera pardus orienta…	Journal of Wildlife Di…	2020. 2. 2.	
Wang, Tianming; Andrew R…	2018	Living on the edge: Opportunities for Amur tiger recovery in China	Biological Conservati…	2020. 2. 3.	
Seryodkin, I. V.; Miquelle, D…	2018	Interspecific Relationships between the Amur Tiger (Panthera tigris altaica) an…	Biology Bulletin	2020. 4. 10.	
Shevtsova, Elena; Jiang, G…	2018	Saving the Amur Tiger and Amur leopard		2021. 6. 30.	
Chistopolova, M. D.; Rozhn…	2018	A New Analytical Approach to the Study of the Spatial Structure of the Amur L…	Russian Journal of E…	2023. 2. 3.	
Riley, Meghan; Soutyrina, …	2017	Comparison of methods for estimating Amur tiger abundance	Wildlife Biology	2019. 9. 4.	
Lim, Jeong Eun	2017	Living with Carnivores : Human-Carnivore Conflict in Lao PDR and Amur leop…		2020. 2. 2.	
Wang, Tianming; Feng, Lim	2017	A science-based approach to guide Amur leopard recovery in China	Biological Conservati	2020. 9. 22.	

Software for spatially explicit capture–recapture

Latest: secr 4.6.10 2024-08-26; secrdesign 2.9.1 2024-04-20

Spatially explicit capture–recapture (SECR or SCR) is used to estimate the density of an animal population from capture–recapture data collected using an array of 'detectors'.

Detectors may be live-capture traps, with animals uniquely marked; they also may be sticky traps or snags that passively sample hair, from which individuals are distinguished by their DNA microsatellites, microphones, or cameras that take photographs from which individuals are recognized by their natural marks. It is also possible to analyse data obtained by searching areas for animals or identifiable cues such as faeces.

Any SECR model includes a spatial model of the detection process, allowing population density to be estimated without bias from edge effects and incomplete detection. Maximum likelihood (ML SECR), inverse prediction (IP SECR) and data augmentation in a Bayesian framework are alternative methods for fitting the spatial detection model (Efford 2004, Borchers & Efford 2008, Royle & Young 2008). See What is SECR? for more.

This site supports three varieties of SECR software :

- the original Windows application DENSITY 5.0
- R packages secr, secrdesign, secrlinear, ipsecr and openCR
- graphic interfaces (Shiny applications) for secr and secrdesign

secr allows a wide range of analyses and has superceded DENSITY. A graphic interface is still convenient for simple analyses and as an introduction. The Shiny application 'secr app' serves this purpose. It can be run directly from GitHub or without any setup on a University of Otago machine. See the step-by-step tutorial.

The package secrdesign offers tools for simulation and study design, and you really should check out secrdesignapp.

GENERAL QUESTIONS	TOPICS	POSTS	LAST POST
analysis & design questions Forum for discussion of general questions related to study design and/or analysis of existing data - software neutral.	253	842	by kdavis79 Tue Aug 13, 2024 11:28 am

SOFTWARE APPLICATIONS	TOPICS	POSTS	LAST POST
Program MARK Subforums: FAQ, analysis help, RMark, software problems/news, download MARK	2498	9102	by bmcclintock Mon Aug 26, 2024 6:48 pm
Program PRESENCE Subforums: FAQ, analysis help, RPresence, software problems/news, download PRESENCE | RPresence	602	2342	by jhines Mon Aug 26, 2024 9:25 am
DENSITY | secr Subforums: FAQ, analysis help, software problems/news, download DENSITY | secr	311	1173	by murray.efford Wed Jul 10, 2024 4:53 pm
M-SURGE | E-SURGE | U-CARE Subforums: FAQ, analysis help, software problems/news, download M/E-SURGE | U-CARE	197	707	by CHOQUET Tue Jul 02, 2024 11:00 am
marked Subforums: FAQ, analysis help, software problems/news	25	88	by jlaake Thu Jul 25, 2024 6:40 pm
Patuxent Software Archive Subforums: analysis help, software problems/news, downloads	22	64	by cooch Wed Feb 16, 2022 9:55 am

CURRENT OPPORTUNITIES	TOPICS	POSTS	LAST POST
Research & Job Openings Currently available research and employment opportunities.	228	237	by dsjohnson Thu Jul 18, 2024 7:24 am
Training, Workshops & Meetings Currently listed training opportunities (short courses, workshops, meetings...) -- software neutral.	257	298	by jeff.stetz Mon Jul 29, 2024 6:27 pm

FORUM HELP	TOPICS	POSTS	LAST POST
forum FAQ, tips & tricks About this forum...FAQ, and various tips and tricks to make using the forum easier and more effective	2	2	by egc Wed Feb 10, 2010 10:36 am

Interactive website

Wildlife Insights

Interactive website

Explore Data Settings Sign in

Snapshot Japan 2023

Snapshot Japan 2023

Snapshot

66
Species

165,709
Total images

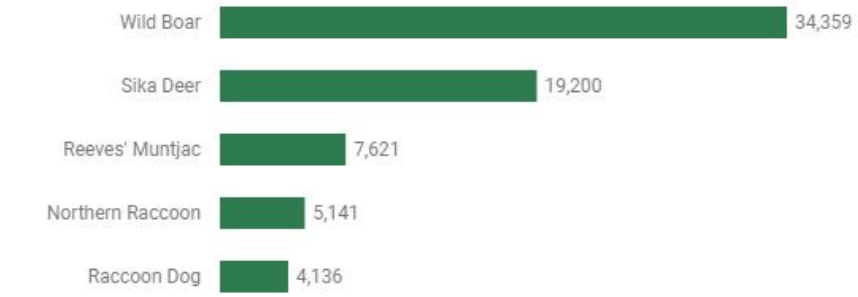
0
Wildlife images

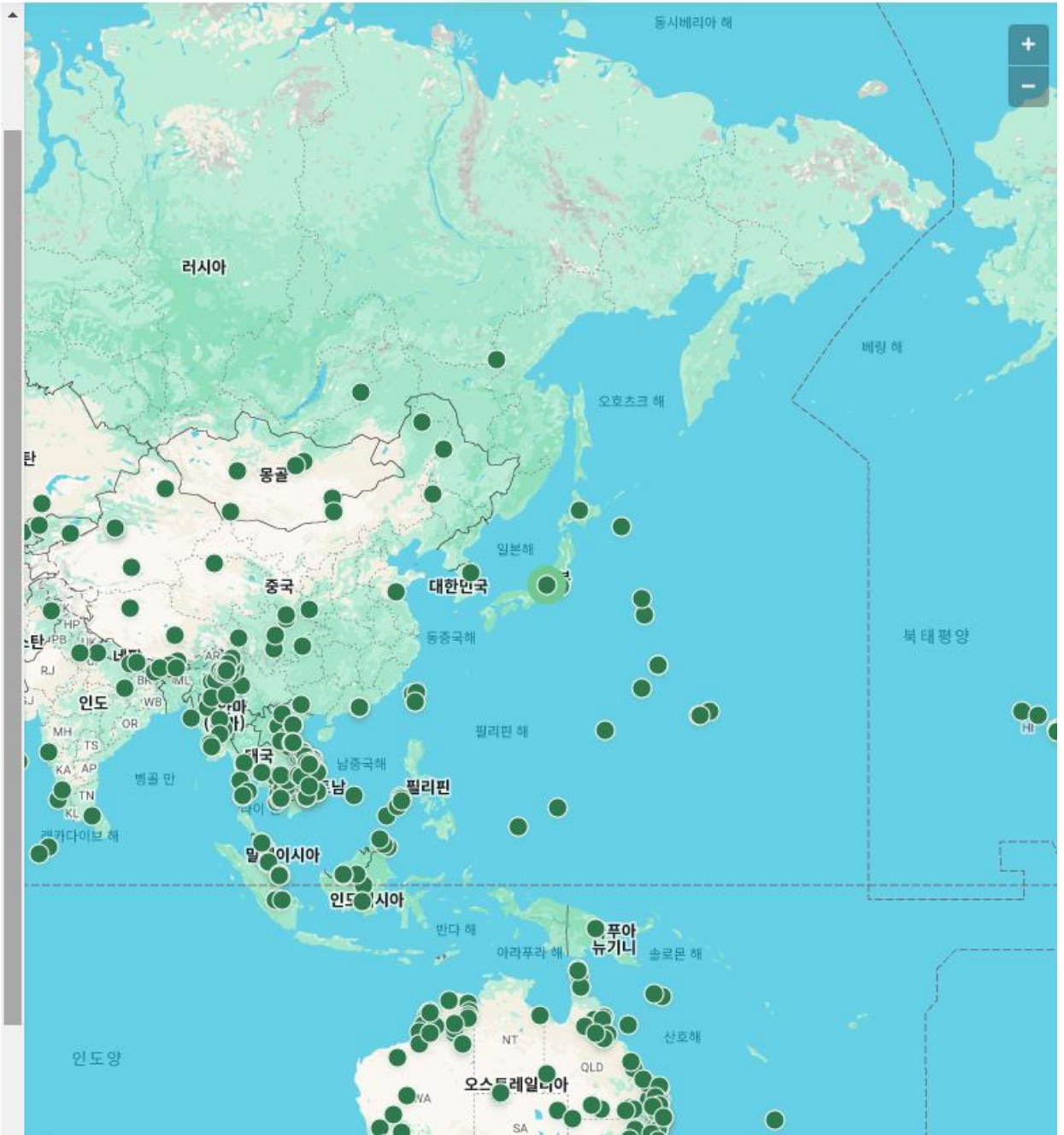
81
Cameras

90
Camera deployments

Identified species

Count of images per species





eBird **Interactive website**

Submit Explore My eBird Science About News Help Sign In

Status and Trends > All Species

Black-faced Spoonbill *Platalea minor*

Abundance | Weekly | Trends | Range

Static map | Downloads

CornellLab Powered by eBird

Abundance

Relative abundance is depicted for each season along a color gradient from a light color indicating lower relative abundance to a dark color indicating a higher…

Learn More

Year-round

Breeding Season 10 May - 24 Aug

Non-breeding Season 25 Jan - 1 Mar

Pre-breeding Migratory Season 22 Mar - 3 May

Post-breeding Migratory Season 23 Nov - 4 Jan

0.07 1.2 6.3

Layer Opacity

Seasons Timeline

J F M A M J J A S O N D

Regional Stats

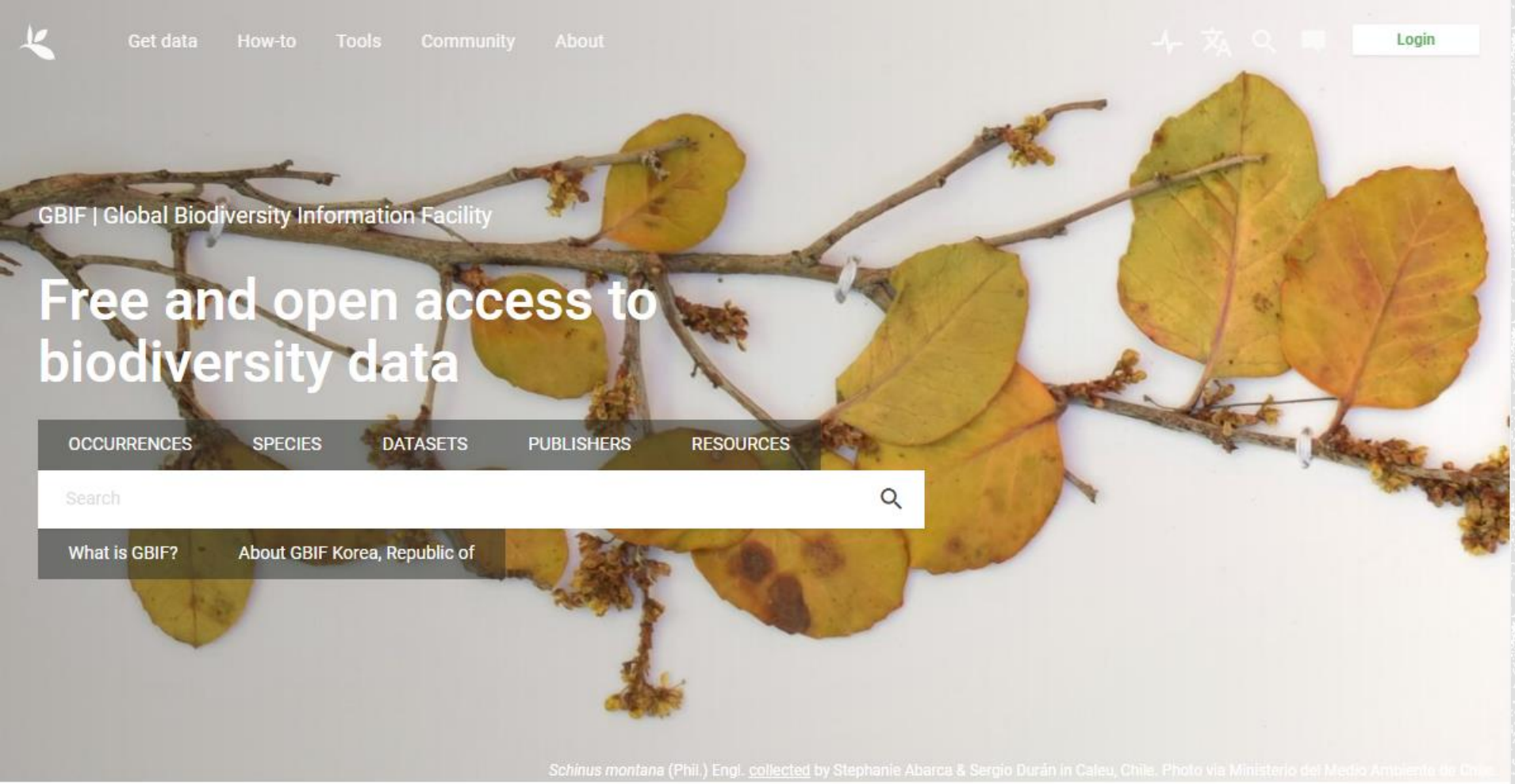
Countries, Territories, and Dependencies

Select a Region:

Custom Shapes Stats

Options

Draw a shape on the map to generate a summary table or chart for that custom area of interest



2,990,454,799
Occurrence records

107,494
Datasets

2,274
Publishing institutions

10,914
Peer-reviewed papers

GBIF

Occurrences 4

Search all fields

Simple filters All filters

Occurrence status
- [x] Present

Licence

Scientific name
- [x] Panthera pardus orientalis (Schlegel, 1857)

Basis of record

Year

Month

Location
- [x] Including coordinates
  - [x] POLYGON((125.96319 41.68605,135.03681 41....

Administrative areas (gadm.org)

Country or area

Continent

Dataset

Publisher

IUCN Global Red List Category

Issues and flags

SEARCH OCCURRENCES | 27 RESULTS

TABLE GALLERY MAP TAXONOMY METRICS DOWNLOAD

Scientific name	Country or area	Coordinates	Event date	Occurrence status	Basis of record	Dataset	Kingdom
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	42.7N, 131.3E	2024 May 29	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.4N, 131.7E	2023 Jun 07	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.4N, 131.5E	2023 Jun 07	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.6E	2022 Mar 08	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.1N, 131.5E	2020 Feb 21	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.4E	2019 Feb 04	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.2N, 131.4E	2019 Feb 11	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.6E	2019 Mar 03	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.2N, 131.5E	2019 Nov 26	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.5E	2019 Nov 26	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.5E	2019 Nov 24	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.6E	2018 Feb 21	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.5E	2018 Feb 13	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.1N, 131.6E	2018 Feb 12	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.0N, 131.5E	2018 Feb 14	Present	Human observation	iNaturalist Research-grade Observations	Animalia
Panthera pardus subsp. *orientalis* (Schlegel,...	Russian Federation	43.2N, 131.3E	2018 Oct 17	Present	Human observation	iNaturalist Research-grade Observations	Animalia

UN environment programme WCMC

About DaRT Strategies Compendia User guide

Compendia

Explore guidance and global data

Filter items

Clear filters

Information type

Data	98
Guidance	85
Indicators	9

Topics

Use these pages to explore guidance and global data for reporting and implementation of biodiversity-related conventions.

Work to maintain and update this library is ongoing (led by UNEP-WCMC, supported financially by the EU). To recommend a new resource for the library, **click here** . To provide feedback, please leave your comments via the questionnaire pop-up below. The resources in this library build on 3 'compendia' of guidance originally developed under the project *"Supporting implementation of CBD COP decision XIII:24"* jointly implemented by UNEP-WCMC, UNEP, and SCBD. These original collections have been supplemented with miscellaneous resources to create this interactive, searchable resource library. Start your search by selecting the filters to the left or by selecting a reviewed collection of resources from the following:

DaRT

Why knowledge-sharing is difficult?

- Lack of motivation
- Lack of trust
- Cultural barriers
- Communication issues
- Time constraints
- Fear of repercussions
- Inadequate tools and systems

Knowledge-Sharing in Northeast Asia

- **To enhance communication and collaboration** among researchers, policymakers, and conservation practitioners through sharing information, best practices, and experiences related to biodiversity conservation in Northeast Asia
- **To facilitate knowledge exchange and capacity building** by offering a central repository for scientific research, case studies, successful conservation models, and educational resources

NEASPEC

Questions to consider during the workshop

- What types of knowledge can be effectively shared in the short-term(within 2years) and a long-term(within 5years)?
- Which platforms are preferred or acceptable for knowledge-sharing?
- What are the key concerns or pre-requisite for establishing a knowledge-sharing platform?

Please complete the questionnaire survey before Session 3 begins.