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KBA
KEY BIODIVERSITY AREAS

Collaboration plan with Key Biodiversity Areas (KBA)

- **KBA** perspective and contribution to biodiversity conservation (**Andrew J. Plumptre**) [15min]
- **Data support** from APBON and biodiversity database from Thailand (**Yongyut Trisurat**) [10min]
- **Interest** of Department of National Parks, Wildlife and Plant Conservation (**Preeranuch Dulkul**)
- **Discussion**

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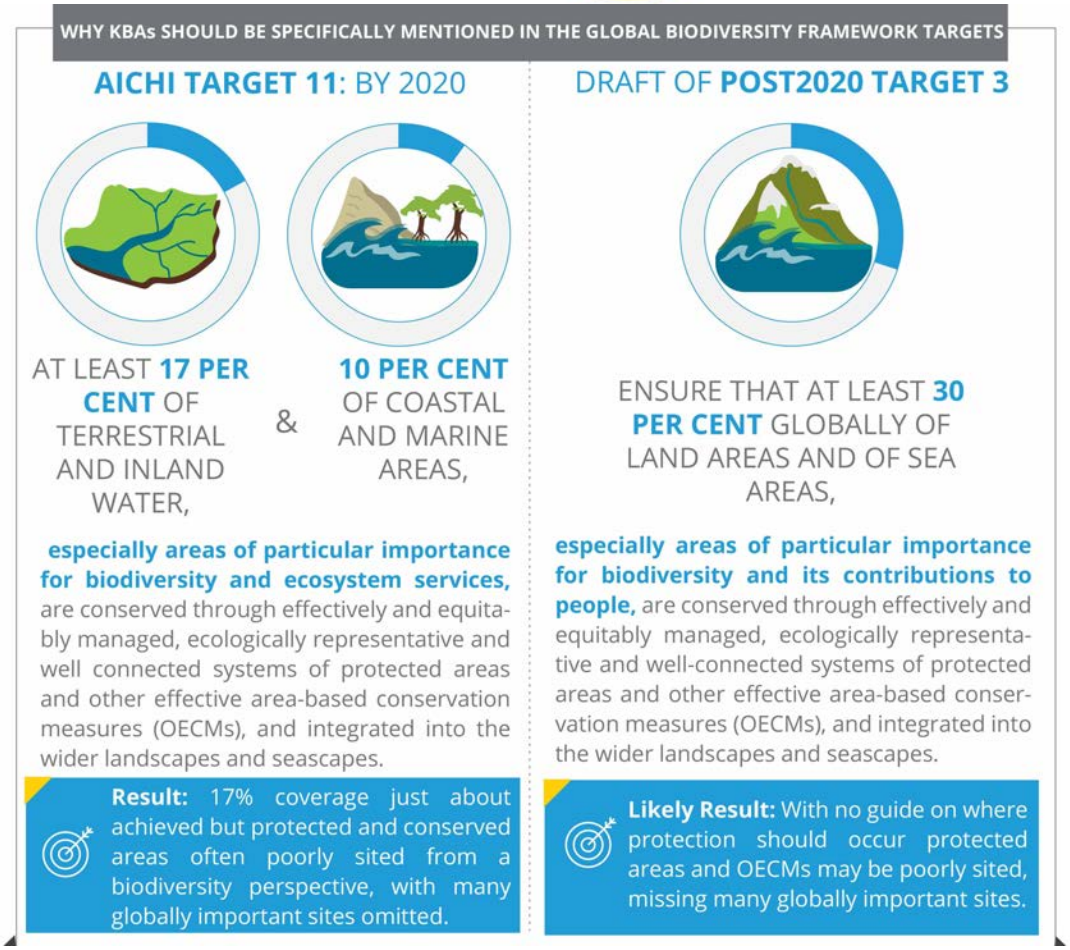
Current language in post2020 GBF

- Proposed Language of Target 3 of new Global Biodiversity Framework is almost identical to Aichi target 11
- Need to guide governments on what '**areas of particular importance for biodiversity**' should be



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KBAs are defined as:

"sites contributing significantly to the global persistence of biodiversity"

KBA Criteria

KBA criteria are designed to capture biodiversity at genetic, species and ecosystem levels

Collectively, the criteria aim to capture the various ways in which a site can be important for the global persistence of biodiversity

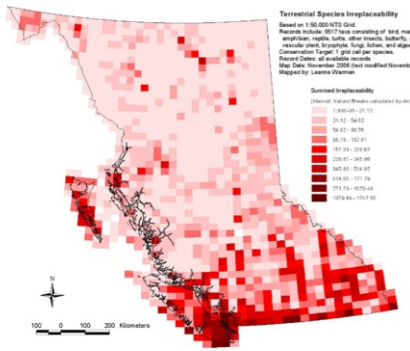
A. Threatened biodiversity

B. Geographically restricted biodiversity

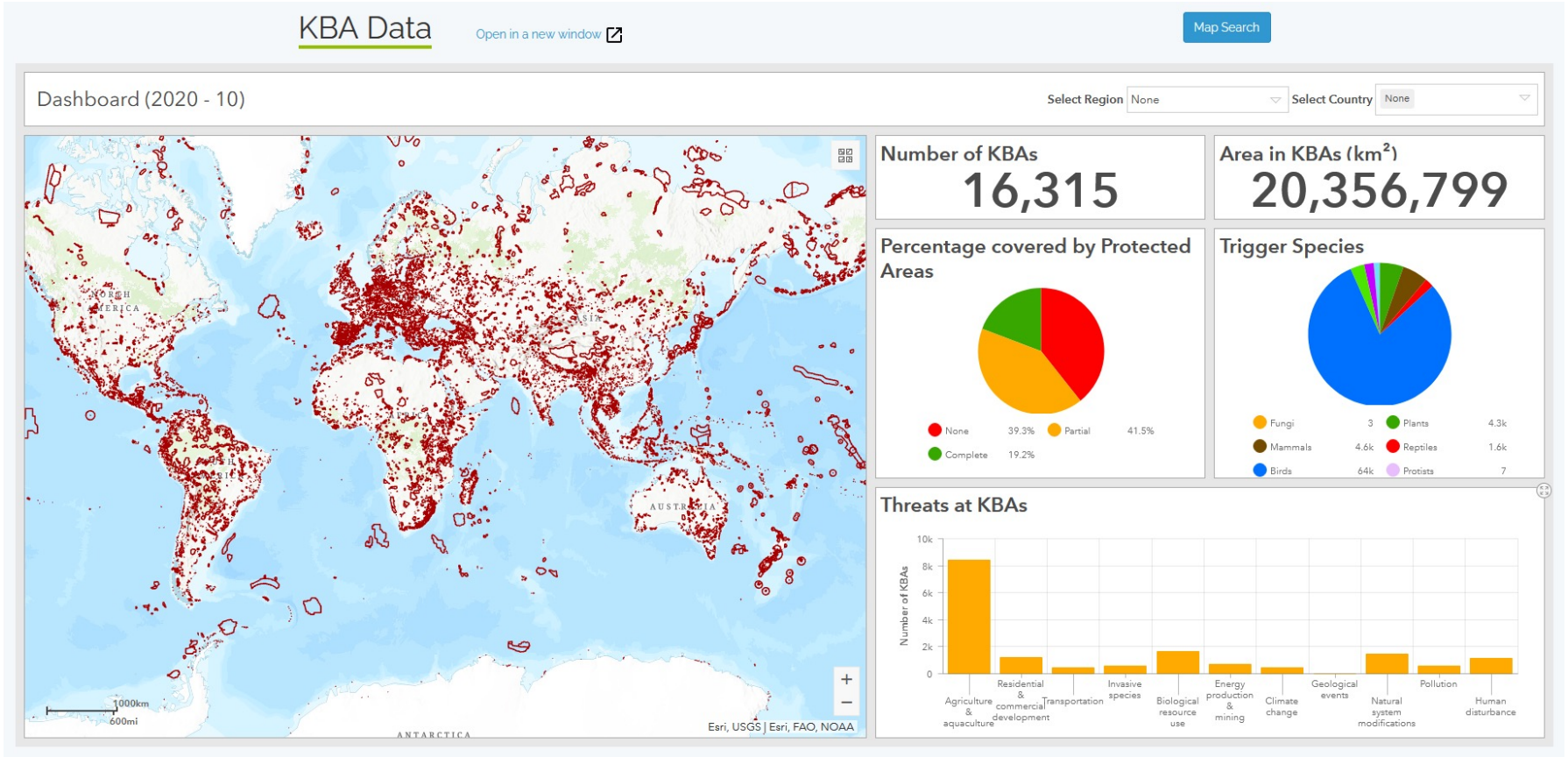
C. Ecological integrity

D. Biological processes

E. Irreplaceability through quantitative



Query information: World Database of KBAs



www.keybiodiversityareas.org

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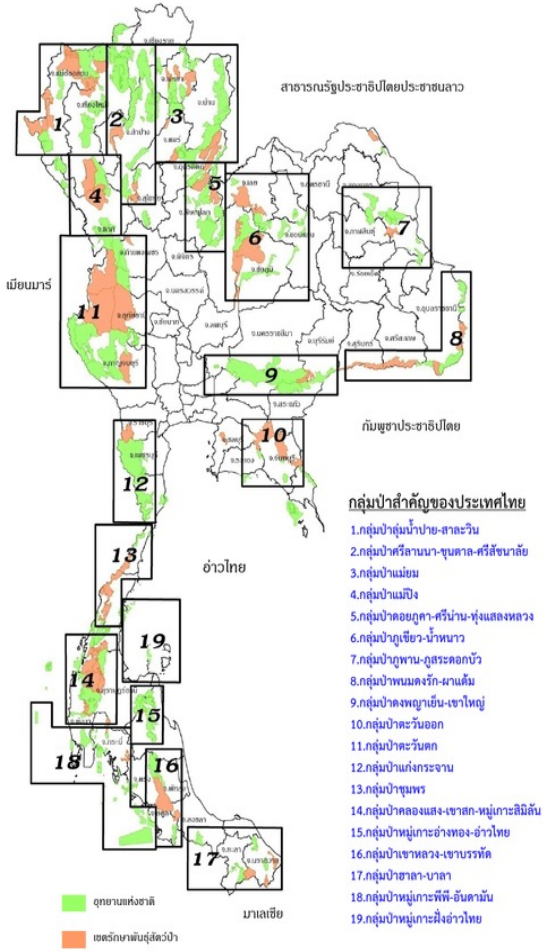
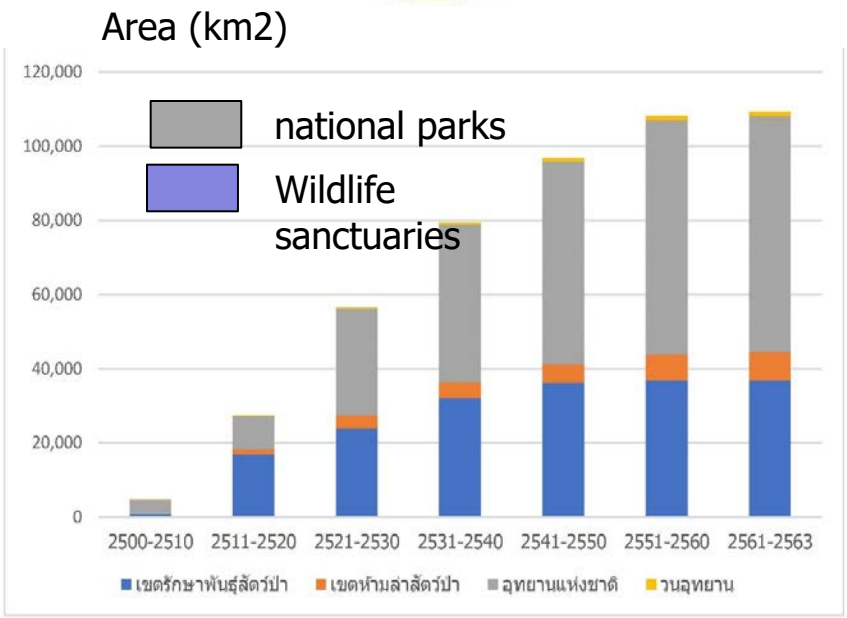
Protected Areas in Thailand





PAs	IUCN Category	No of sites	Area (km2)	%
Wildlife sanctuaries	Ia[1]	60	37,377.12	34.09
National parks	II	133	64,960.51	59.25
Non-hunting areas	IV	96	6,070.48	5.54
Forest parks	V	91	1,143.06	1.04
Botanical gardens	na [2]	18	49.44	0.05
Araboreta	Na [2]	53	40.67	0.04
Total		430	109,641.28	100.00

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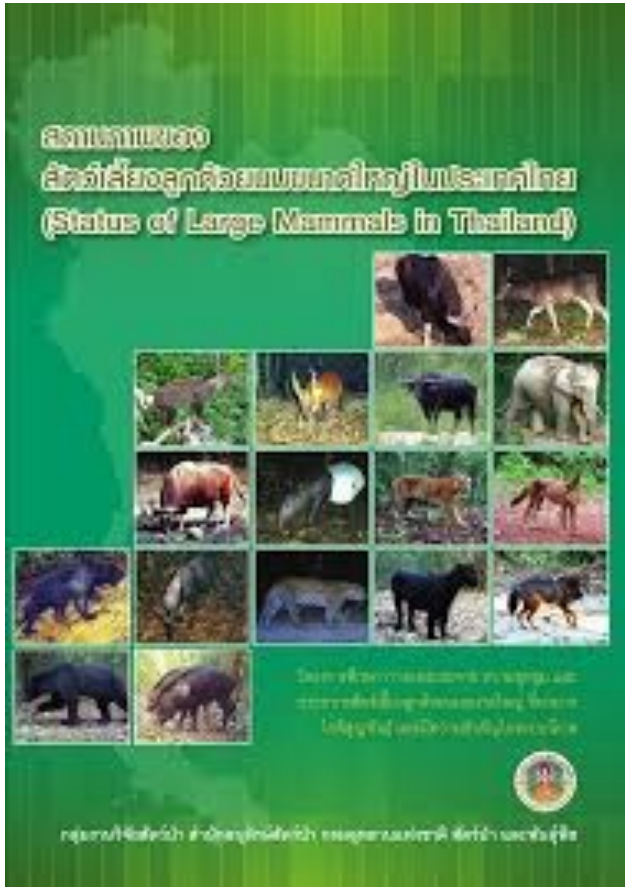
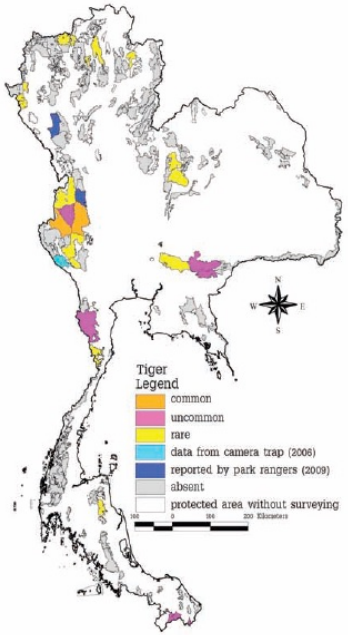
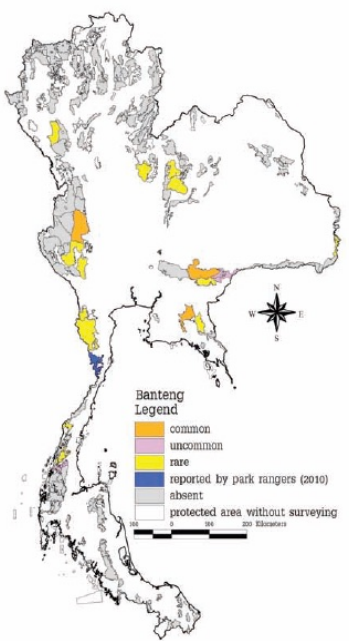
Status of Large Mammals in Thailand 2003-2007







16 large mammals

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You're not connected | floristic region Thailan d - G | xPack: User Profile | .:: Kasetsart University ::. | (6133) Kasetsart University \ | Geo-Species (DIY)

geospecies.dyndns.org/GeoSpecies/examples/tree/geomap.html

Digital Atlas of Trees and Wildlife in Thailand

Geo-species and GIS data

- Unnamed Layer
- Extent (Print)
- Tree Species [T2000] : [T2050]
- Wildlife Species [W2000] : [W2050]
- Climate
- Plant Community [P2000] : [P2050]
- Thailand Boundary
- Protected area in Thailand
- BaseMap

OverviewMap

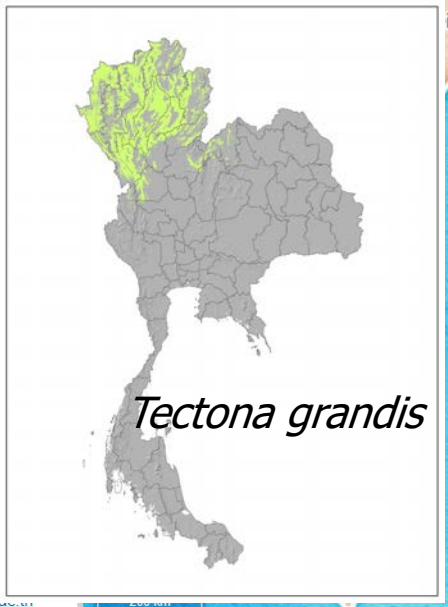
Description

Print

Geo-Species and GIS data web mapserver...

Download name of Geo-Species Tree: [Tree species name

The dataset is available on request.
Please contact Prof. Yongyut Trisurat at Email: fforyyt@ku.ac.th



GeoExt-Component Map

Search Address: Search a location | Restrict to map extent

Type here to search | ENG | 11:31 | 25/6/2563

http://geospecies.dyndns.org/GeoSpecies/examples/tree/

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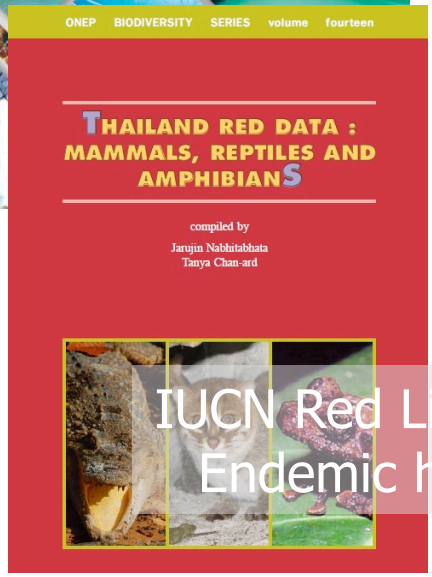
Policies Support

National parks policy

National wildlife master plan



IUCN Red List Status
Endemic habitats

KBAs and AP-BON

- Biodiversity data generated by AP-BON can be used to identify KBAs
- Provision of more accurate range and Suitable Habitat Maps for species to help identify KBAs
- KBAs provides a means of turning biodiversity data into concrete conservation results at a national level
- AP-BON efforts can help monitor KBAs and their trigger elements
- Professor Y. Trisurat – KBA Community Representative for Asia