

Atlas of Living Caribbean



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Atlas of Living Caribbean (ALA Caribbean)

- ALA Caribbean is part of regional BID project of Suriname, Trinidad & Tobago and Barbados
- Is a biodiversity portal; first developed by Australia (ALA)
- Separate entrance for every participating country
- Provides searches: per species, specialized, per area or per data set

Biodiversity records



Museum/collection data



Camera trap data



Observations

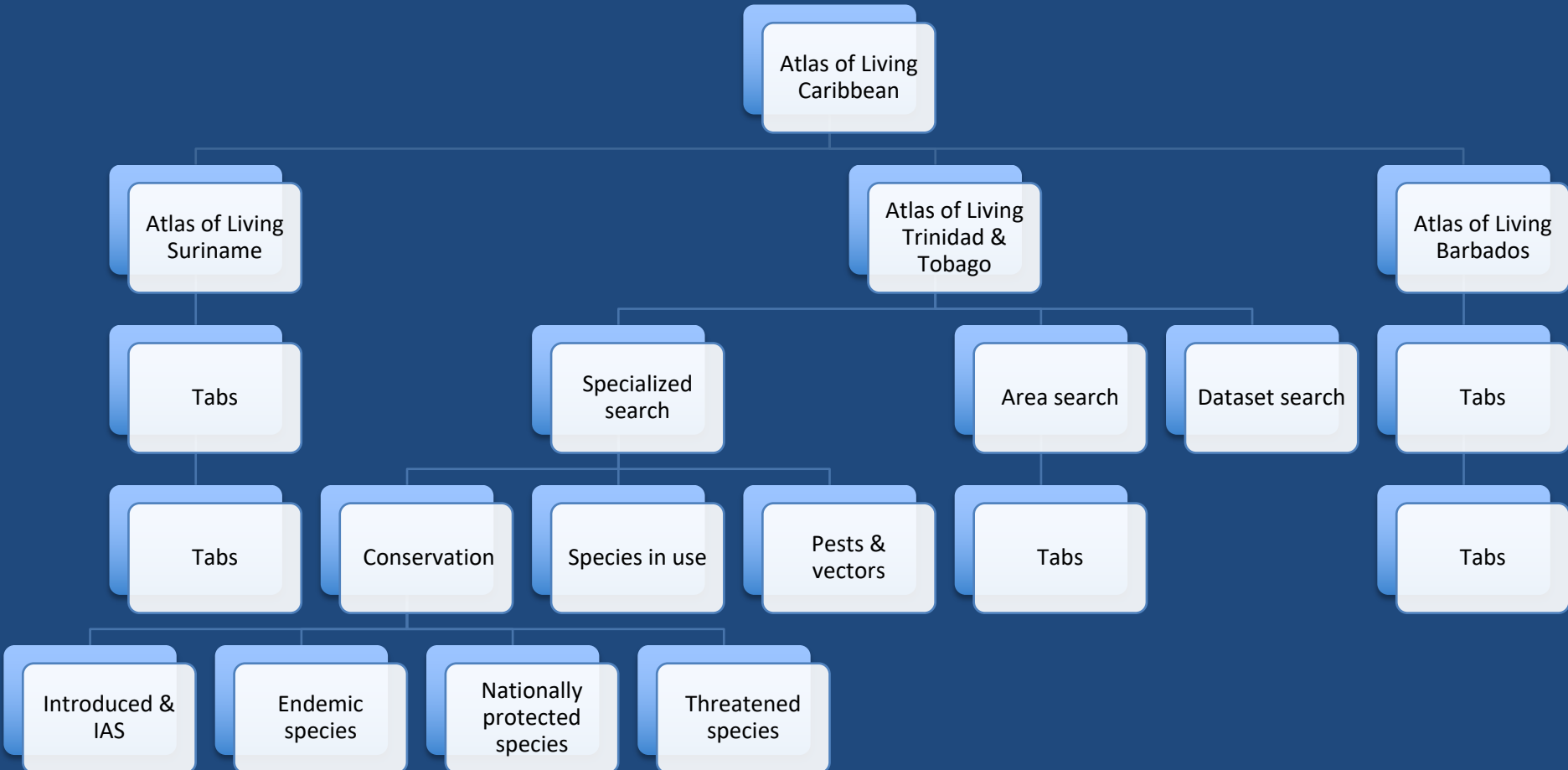


Monitoring data

Intended impact of ALA Caribbean

- Increased use of biodiversity data throughout the Caribbean
- A common tool for policymakers and researchers
- Showcasing and exposure of Caribbean biodiversity (data)
- A tool to inspire Caribbean countries to join GBIF data mobilization

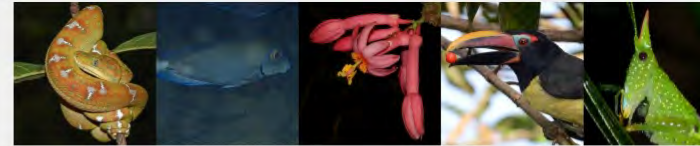
Entering the Atlas



Homepage



LIVING ATLAS OF THE CARIBBEAN



 **Living Atlas of the Caribbean** 

A joint effort to
improve biodiversity
data accessibility and
use in the region



Country tab

OCCURRENCE SEARCH



Search the Database for Occurrence Records

LOCATION SEARCH



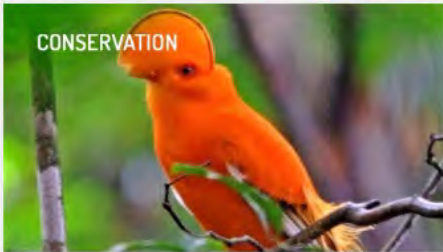
Search the Database by Location (In Development)

CAMERA TRAPS



Browse Camera Trap Data

CONSERVATION



Endemic Species

Threatened Species

Nationally Protected Species (In Development)

Introduced & Invasive Species

SPECIES IN USE



Game Species (In Development)

Fisheries Species (In Development)

Timber Species (In Development)

Non-timber Forest Species (In Development)

Medicinal and Ornamental Plants (In Development)

Wildlife Trade (In Development)

Cattle & Pets (In Development)

PESTS & VECTORS

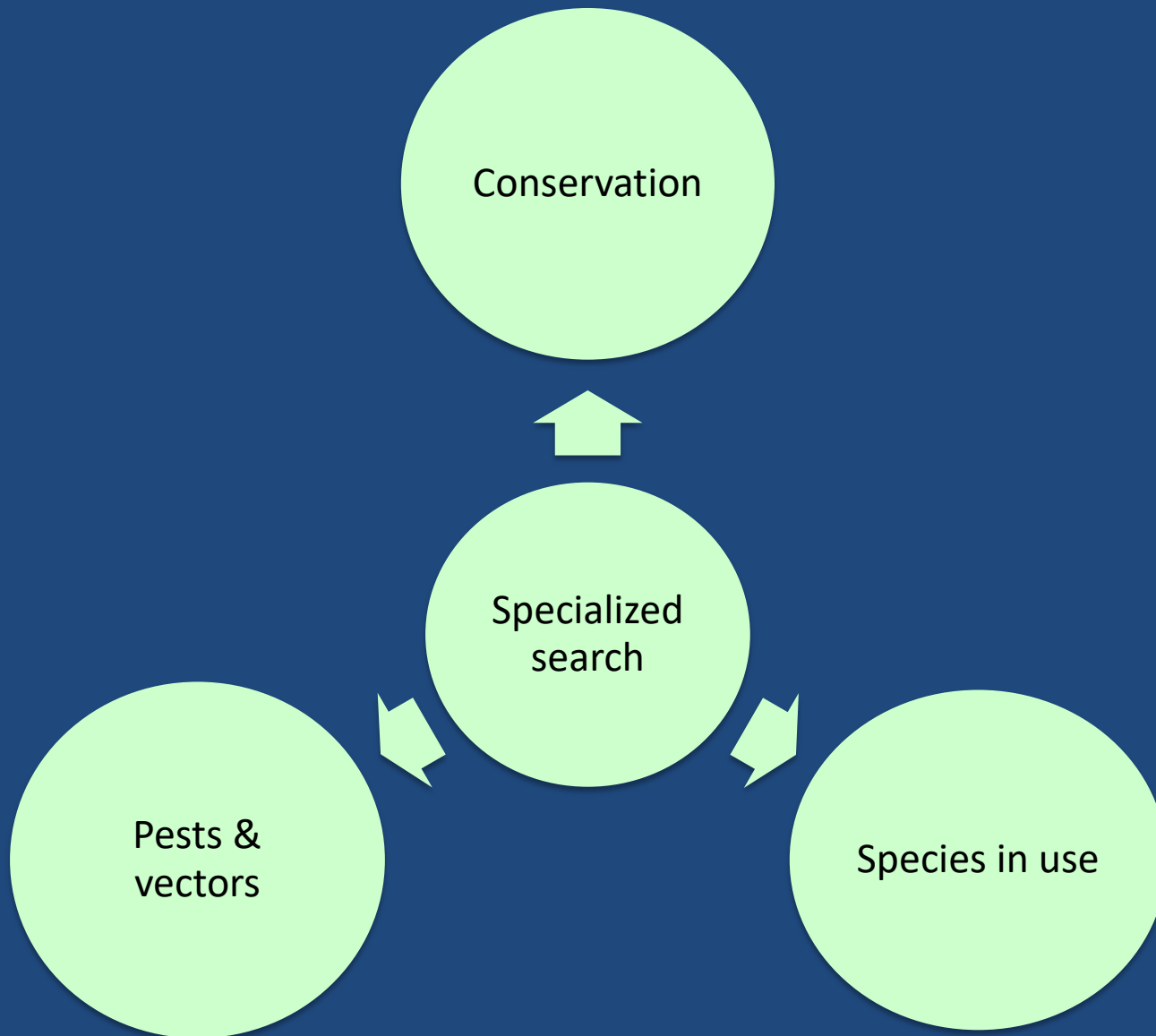


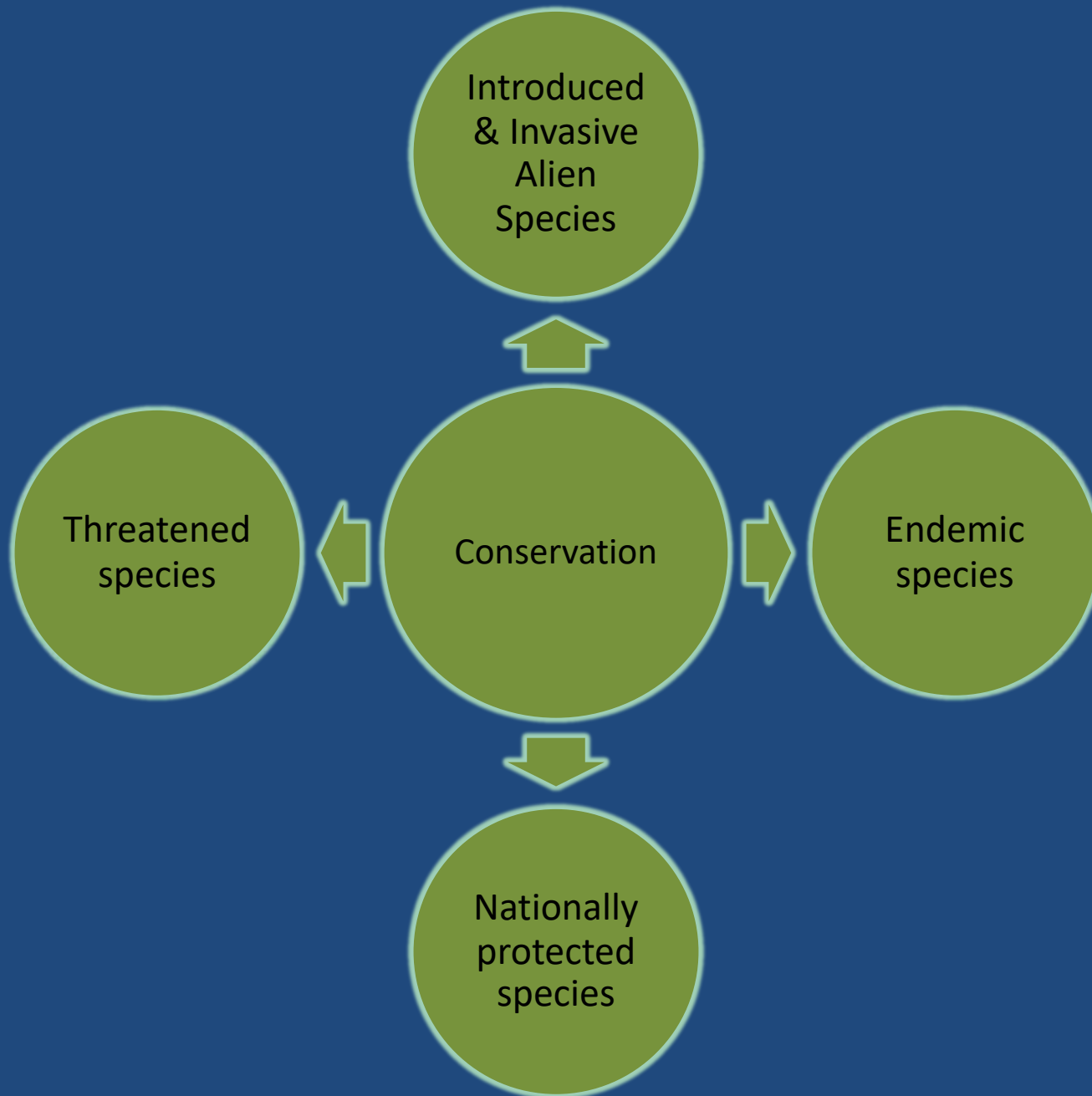
Pests in Agriculture

Pests in Housing (In Development)

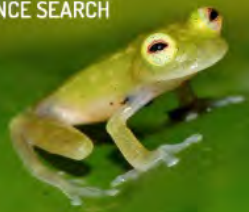
Vectors of Diseases

Specialized search





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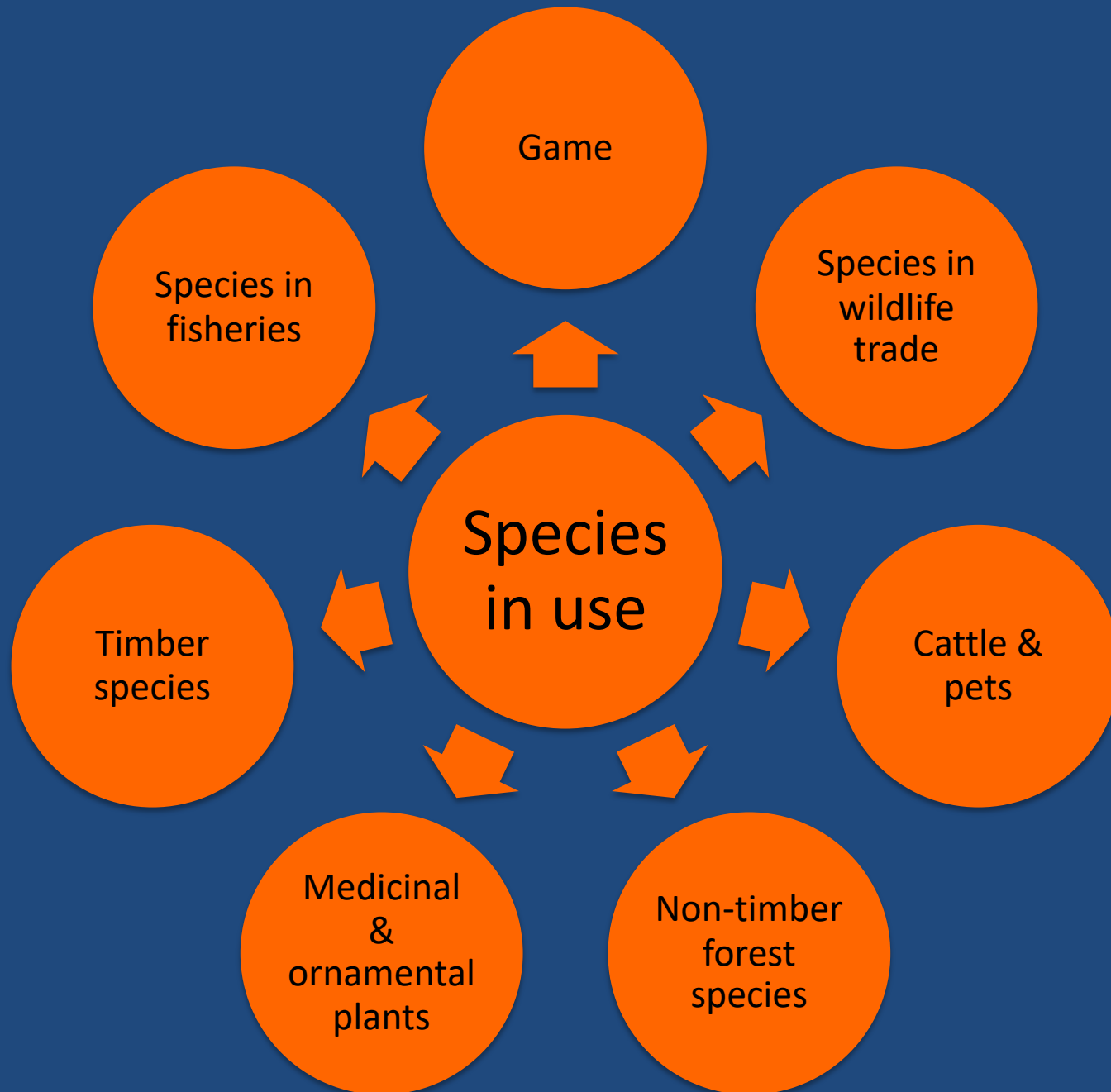
PESTS & VECTORS



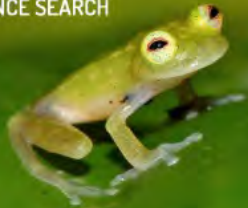
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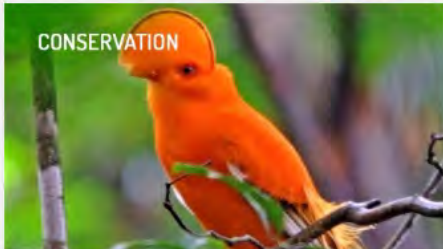
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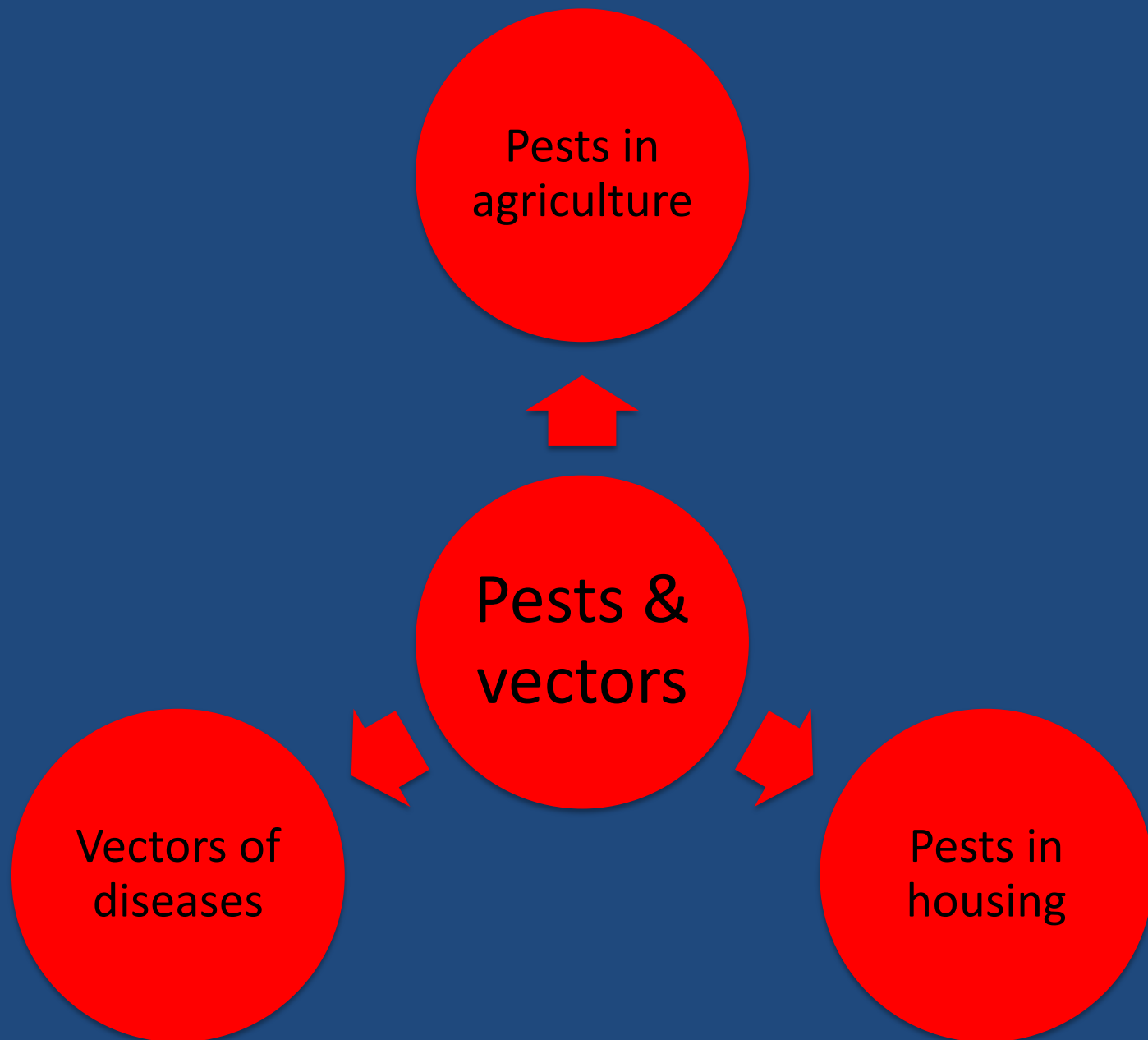
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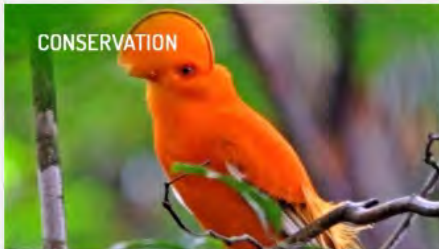
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Cattle & Pets (In Development)

PESTS & VECTORS



Pests in Agriculture

Pests in Housing (In Development)

Vectors of Diseases

Occurrence records

[Quick search](#)[Customise filters](#)

12.964 results for [all records]

Selected filters: Country: "Suriname" x

[Records](#)[Map](#)[Charts](#)[Download](#)[Alerts](#)

per page: 20 sort: Date added order: Descending

Species: *Phileurus didymus* (Linnaeus, 1758) | Scarab Beetle Date: 1935-11-30 Country: Suriname

Data Resource: UWIZM Scarabaeidae Beetles Basis Of Record: Preserved Specimen [View record](#)

Species: *Jamesia globifera* (Fabricius, 1801) | Long horn beetle Date: 1935-11-30 Country: Suriname

Data Resource: UWIZM Cerambycidae Beetles Basis Of Record: Preserved Specimen [View record](#)

Species: *Steirastoma breve* (Sulzer, 1776) | Cacao Beetle Date: 1929-06-02 Country: Suriname

Data Resource: UWIZM Cerambycidae Beetles Basis Of Record: Preserved Specimen [View record](#)

Species: *Steirastoma breve* (Sulzer, 1776) | Cacao Beetle Date: 1929-06-02 Country: Suriname

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Species: *Steirastoma breve* (Sulzer, 1776) | Cacao Beetle Date: 1929-06-02 Country: Suriname

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Data Resource: UWIZM Cerambycidae Beetles Basis Of Record: Preserved Specimen [View record](#)

Species: *Steirastoma breve* (Sulzer, 1776) | Cacao Beetle Date: 1929-06-02 Country: Suriname

Data Resource: UWIZM Cerambycidae Beetles Basis Of Record: Preserved Specimen [View record](#)

Species: *Corallus hortulanus* Linnaeus, 1758 | Garden Tree Boa Date: 1988-02-06 Country: Suriname

Data Resource: Zuid River Expedition 1988 Basis Of Record: Preserved Specimen Catalog Number: Reptilia:NZCS R46 [View record](#)

Species: *Corallus hortulanus* Linnaeus, 1758 | Garden Tree Boa Date: 1988-02-07 Country: Suriname

Data Resource: Zuid River Expedition 1988 Basis Of Record: Preserved Specimen Catalog Number: Reptilia:NZCS R48 [View record](#)

Narrow your results

Selected filters

☒ Country: "Suriname"

[Taxon](#)

[Occurrence](#)

[Record](#)

[Attribution](#)

Dataset

☐ dr13 (6.258)

☐ dr21 (2.439)

☐ dr10 (1.344)

☐ dr9 (1.047)

[choose more...](#)

Occurrence record: Reptilia:NZCS R46

[Back to search results](#)

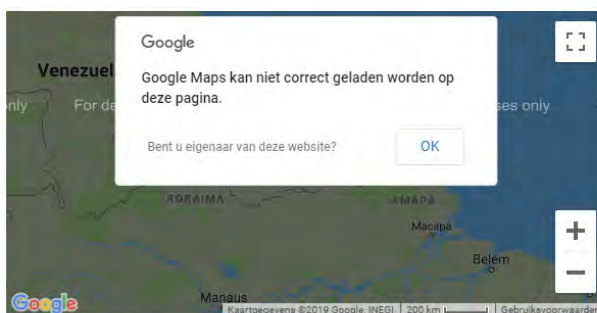
Preserved Specimen of *Corallus hortulanus* Linnaeus, 1758 | Garden Tree Boa recorded on 1988-02-07

[Flag an issue](#) [Contact curator](#)

[Compare "original vs processed" values](#)

Dataset
Event
Taxonomy
Geospatial
Additional properties
Data quality tests (0 🔴 , 1 🟡 , 35 🟢 , 6 🟡 , 44 🔵)

Location of record



Date loaded: 2019-04-04

Date last processed: 2019-04-04

Dataset

Data provider	BID IPT
Data resource	Zuid River Expedition 1988
Institution	Supplied institution code "NZCS"
Catalogue number	NZCS R46
Occurrence ID	urn:catalog:NZCS:Reptilia:NZCS R46
Basis of record	Preserved specimen
Preparations	whole animal (alcohol)
Identified date	2006-02-23
Collector	Ouboter, E. Paul Toto, J. Jan Supplied as "Paul E. Ouboter Jan Toto"
Individual count	1
Licence	CC-BY-NC Supplied as https://creativecommons.org/licenses/by-nc/4.0/legalcode
Collection id	http://grbio.org/cool/ktz5-se6p
Previous identifications	Corallus enhydris
Dataset name	Zuid River, Kayser Mountain
Occurrence status	present
Dataset id	ds13
Institution id	http://biocol.org/urn:lsid:biocol.org:col:34071
Collection code	Reptilia
Identification references	Starace, F. (2013). Serpents et amphibènes de Guyane française. Ibis Rouge, 608 pp.
Abcd identification qualifier	Not provided

Species List: Threatened Species Animalia Suriname

[Download](#)
[View occurrence records](#)
[View in spatial portal](#)
[List info](#)

113 Number of Taxa

108 Distinct Species

5 Unrecognised Taxa

Refine results

family

- [Carcharhinidae](#) (10)
- [Serranidae](#) (8)
- [Accipitridae](#) (5)
- [Thamnophilidae](#) (4)
- [choose more...](#)

dynamicProperties

- [iucnStatus=near threatened](#) (49)
- [iucnStatus=vulnerable](#) (36)
- [iucnStatus=endangered](#) (9)
- [nzcsAssessment=vulnerable](#) (1)

scientificNameAuthorship

- [\(Linnaeus, 1758\)](#) (14)
- [Linnaeus, 1758](#) (6)
- [\(Gmelin, 1789\)](#) (5)
- [\(Müller & Henle, 1839\)](#) (4)
- [choose more...](#)

vernacular name

- [Great-billed Seed-Finch \(EN\)](#) (1)

[list](#)
[grid](#)

[Search](#)

Supplied Name	Scientific Name (matched)	Image	Author (matched)	Common Name (matched)	identificationQualifier	dynamicProperties
Anomaloglossus surinamensis Ouboter and Jairam, 2012 (unmatched - try Google , Occurrences)					aff. surinamensis Majordamberg	nzcsAssessment=critically endangered
Epinephelus itajara (Lichtenstein, 1822)	Epinephelus itajara (Lichtenstein, 1822)		(Lichtenstein, 1822)			iucnStatus=critically endangered
Isogomphodon oxyrhynchus (Müller & Henle, 1839)	Isogomphodon oxyrhynchus (Müller & Henle, 1839)		(Müller & Henle, 1839)			iucnStatus=critically endangered

Field	Value				
Supplied Name	Chelonia mydas (Linnaeus, 1758)			iucnS endar	
Scientific Name (matched)	Chelonia mydas (Linnaeus, 1758)				
Image					
Author (matched)	(Linnaeus, 1758)			iucnS endar	
Common Name (matched)					
identificationQualifier					
dynamicProperties	iucnStatus=endangered citesAppendix=I			iucnS endar	
scientificNameAuthorship	(Linnaeus, 1758)				
vernacular name	Green Turtle (EN) Soepschildpad (NL) Krape (SR)				
taxonID	https://www.gbif.org/species/2442225			iucnS citesA	
parentNameUsagelD	https://www.gbif.org/species/2441864				
parentNameUsage	Chelonia Brongniart, 1800				
acceptedNameUsagelD	https://www.gbif.org/species/2442225			iucnS	
acceptedNameUsage	Chelonia mydas (Linnaeus, 1758)				
kingdom	Animalia				iucnS 18

Challenges encountered during development

Delays in development

- Key parts of ALA portal (Hubs, Area search)
- Species pages, Checklists
- Incomplete documentation on the configuration of modules
- Gap in technical knowledge modules
- Communication relay delays

What is not yet realized ?

- Specialized search tabs for Suriname, Trinidad & Tobago and Barbados incomplete (data not yet available)
- Search by Location not working (technical problem)
- Search by Data set not yet realized
- No species pages yet (time consuming)
- Most Caribbean countries not yet included

Challenges for further development

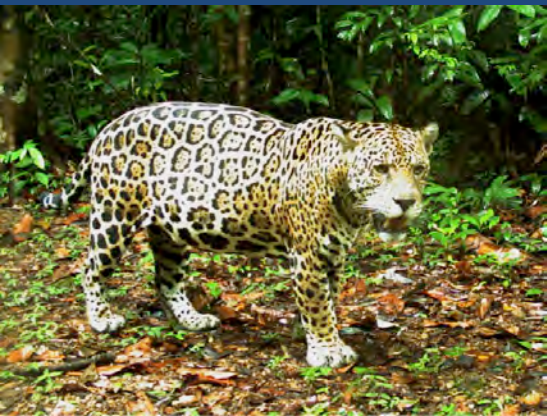
Unstable institutional support

- No IT-person available specifically for Atlas
- No database manager
- No Atlas developer
- Technical facility limited
- Personnel (except Vanessa) involved with ALA Caribbean and data mobilization no longer working at NZCS

Participating countries

Requirements:

- Indication of framework based on their needs
- Produce checklists
- Publish biodiversity records to GBIF database
- Provide photographs and information for species pages



Proposed ALA Caribbean development project (1)

Follow-up project components:

- Move ALA Caribbean development to NeoWild
- Get technical support from ALA developers to resolve technical issues
- Invite all Caribbean countries to participate in ALA Caribbean
- Activate interested countries to produce checklists (funding!)
- Occurrence records (2nd BID project???)

Proposed ALA Caribbean development project (2)

- Adapt ALA Caribbean framework to include tabs for other participating countries
- Import data for specialized search tabs
- Design, draft and include species pages
- Proposed duration: 1 year

What is the advantage of participating in ALA Caribbean?

- Regional biodiversity portal for Caribbean countries
- Biodiversity data presented in preformatted categories based on usage and relevance
- Biodiversity data available for: policy makers, researchers, conservation NGO's, the general public
- Examples of usage: pests, IAS, threatened species, forestry, museum loans, viewing specimens

Acknowledgements

- Colleagues at NZCS and NeoWild that worked on ALA Caribbean
- GBIF/BID Team
- GBIF and EU for funding

Thank you!

Questions?

