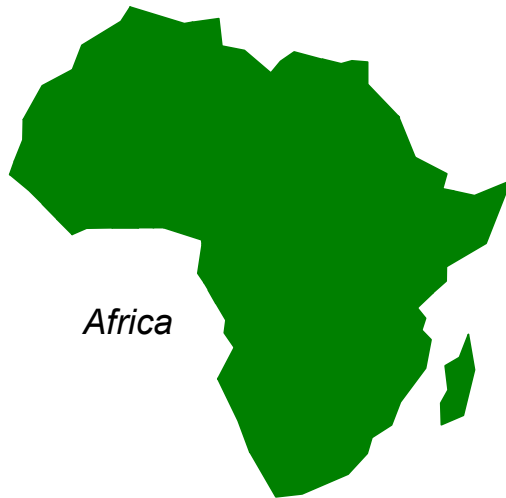




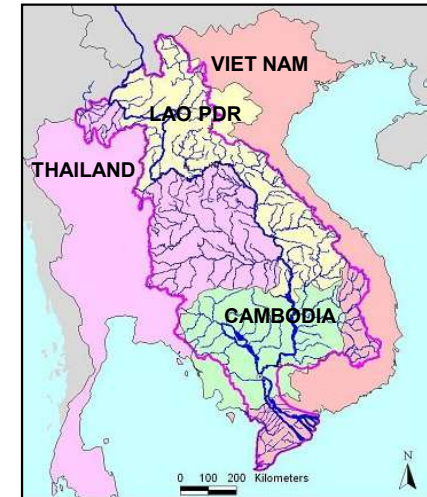
# The importance of regional Red Lists

# From Global to Sub-global



*Africa*

- Continents
- Countries
- States
- Provinces
- Biogeographical or ecological areas



*Lower Mekong River basin area*



*East African countries*



*USA states*



*Afghanistan provinces*

# Regional & National Uses

- Monitor status of biodiversity in the region
- Identify priority species & habitats
- Identify knowledge gaps
- Assist in site-based conservation planning
- Communication & awareness raising
- Provide species inputs for environmental impact assessment
- Help guide allocation of resources for biodiversity conservation
- Support policy development



# International Commitments

Most countries around the world have agreed to international commitments to conserve and protect biodiversity



The International Treaty

ON PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE



# International Commitments

## **CBD Strategic Plan 2020-2030**

### **(Kunming-Montreal agreement):**

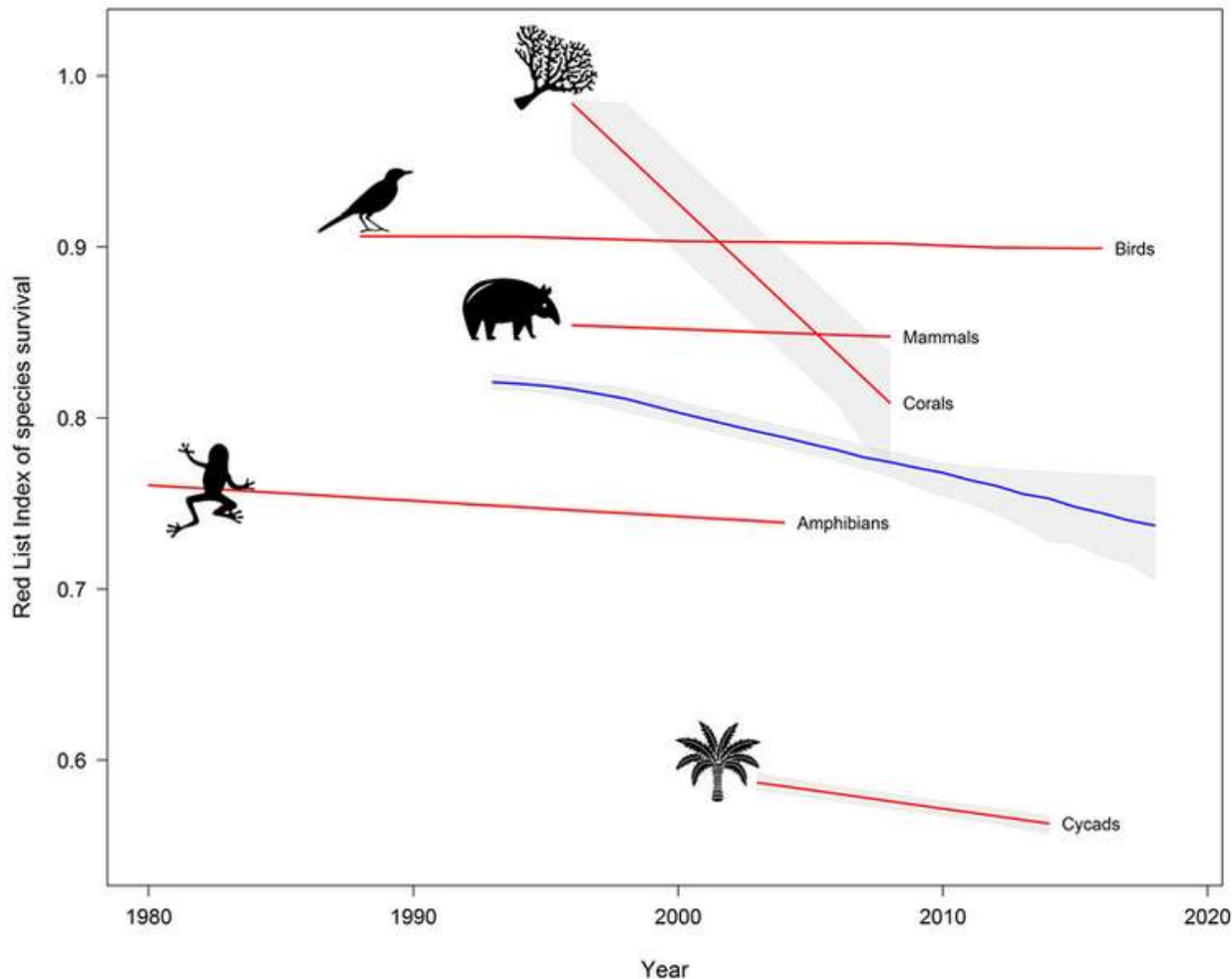
The Red List is a very important tool for measuring progress in at least 13 of the 23 Targets

**TARGET 4:** Halt Species Extinction,  
Protect Genetic Diversity, and  
Manage Human-Wildlife Conflicts

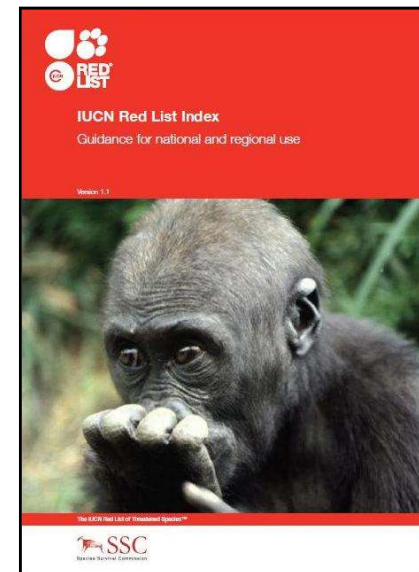


# International Commitments

## IUCN Red List Index (RLI)



- Measures trends in extinction risk over time
- Used as an indicator to measure progress toward many targets
- Guidance for national and regional use available

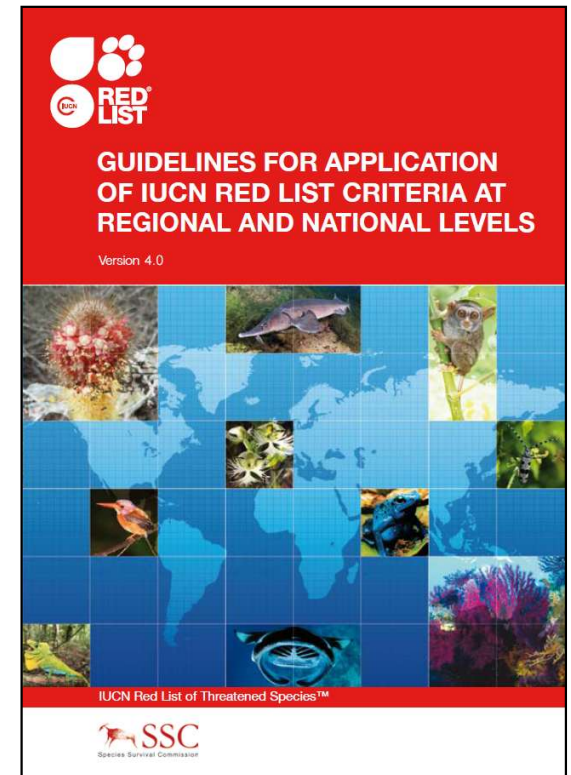




# Using the IUCN Red List Criteria at Regional Levels

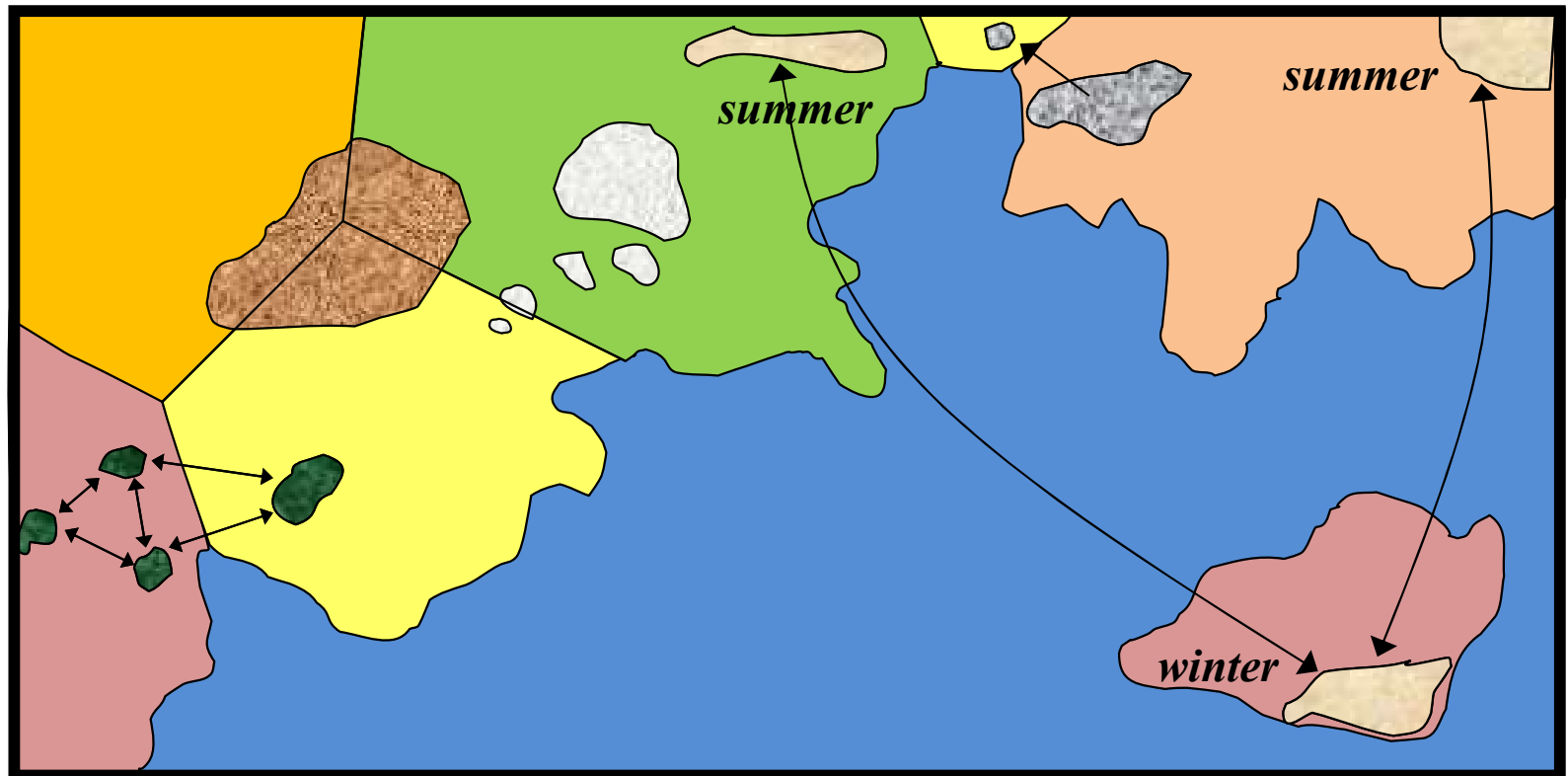
# IUCN RED LIST CATEGORIES AND CRITERIA

- IUCN Red List Categories and Criteria were developed for use at the global level.
- Can be used at regional and national levels, with the ***Guidelines for Application of IUCN Red List Criteria at Regional Levels***.
- Free download from the IUCN Red List website ([www.iucnredlist.org](http://www.iucnredlist.org))



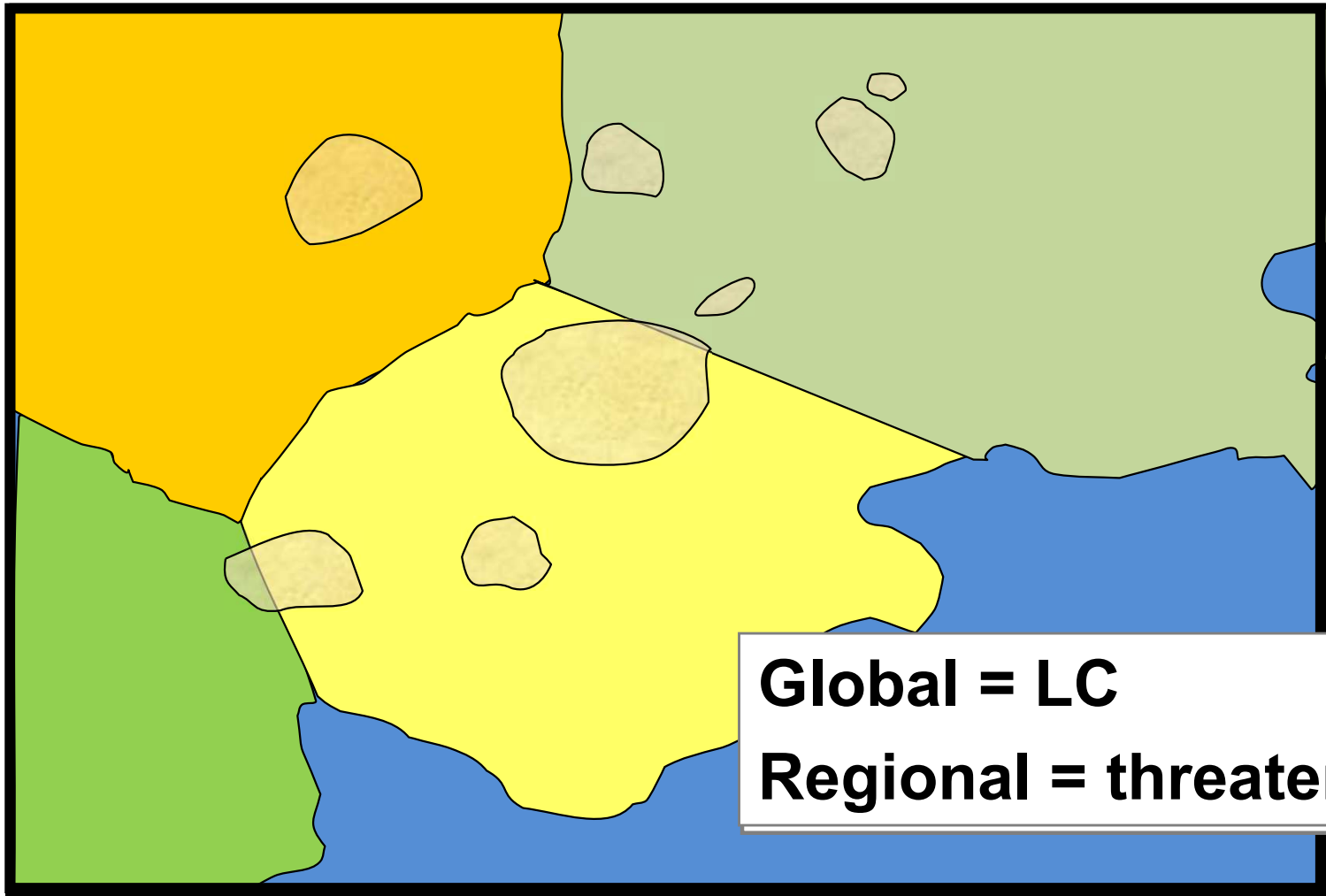


- Regional population may range across political borders
- Taxon may be highly mobile & individuals may move between populations within & outside the region
- Taxon may be a non-breeding seasonal visitor
- Region may hold a very small proportion of the global population
- Survival of regional population may depend on immigration from outside the region (i.e. regional population is a sink)



- Introduced taxa?
- Regionally Extinct taxa?

# Regional versus global Red Lists



**Global = LC**

**Regional = threatened**

# Regional versus global Red Lists



Dugong *Dugong dugon*

- Declining or EX in at least 1/3 of global range, but stable throughout much of Australian range

- **Global = VU A2bcd+4bcd**
- **Australia = Not threatened**

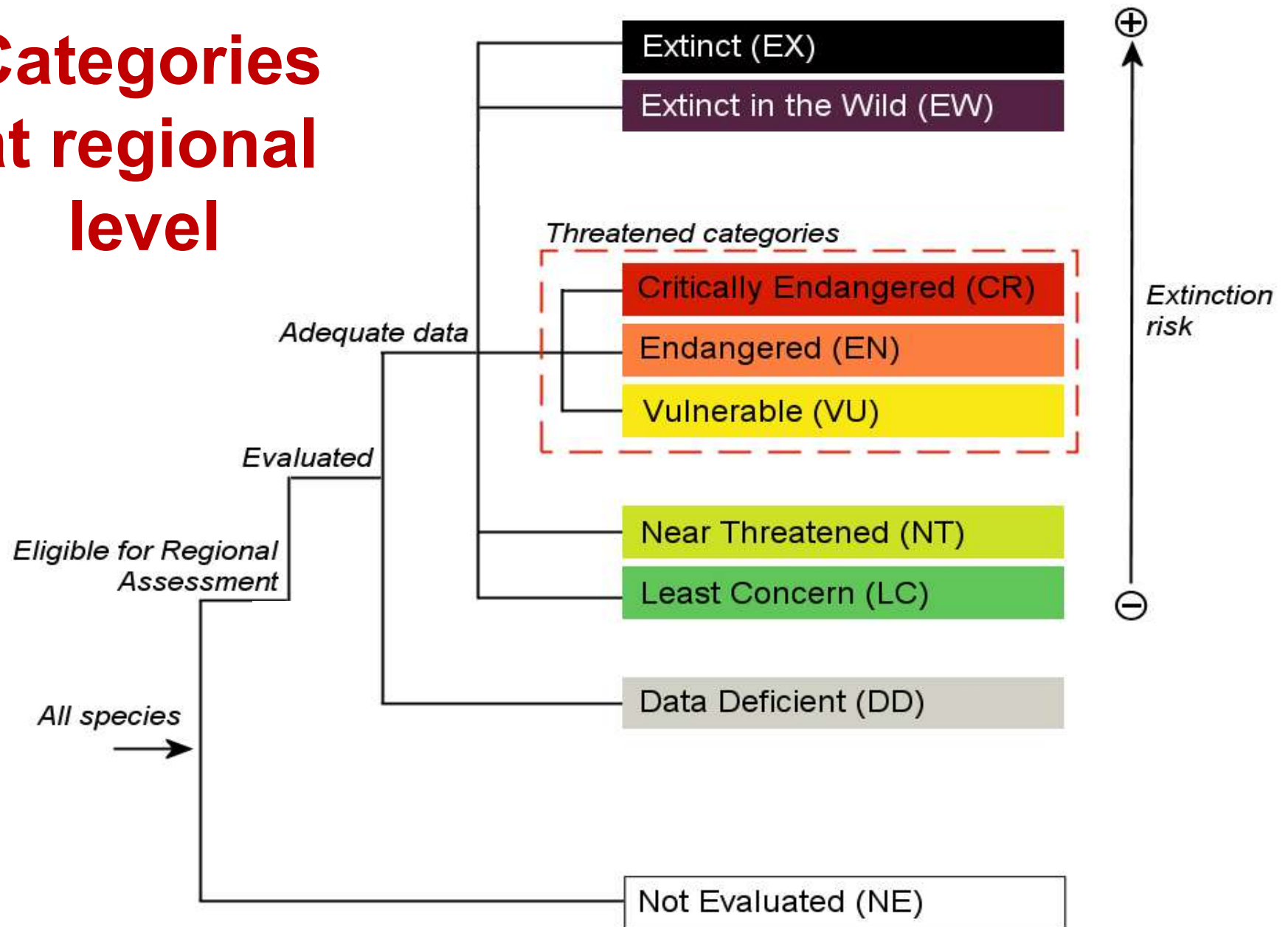


Silky Shrew Opossum  
*Caenolestes fuliginosus*

- Broad global distribution, large population, no significant threats across global range
- Venezuela: many localized threats (fires, ag., cattle ranching) within very small distribution

- **Global = LC**
- **Venezuela = VU B1ab(i,iii)**

# Categories at regional level



# Regional assessment a three-step process:

## 1. Identify NA taxa

Decide which taxa are Not Applicable (NA) for the regional Red List

## 2. Preliminary assessment

Apply Red List criteria to the population occurring within the region only (exclude populations outside the region)

## 3. Final regional assessment

Evaluate potential rescue effects from populations outside the region and consider up- or down-listing accordingly.

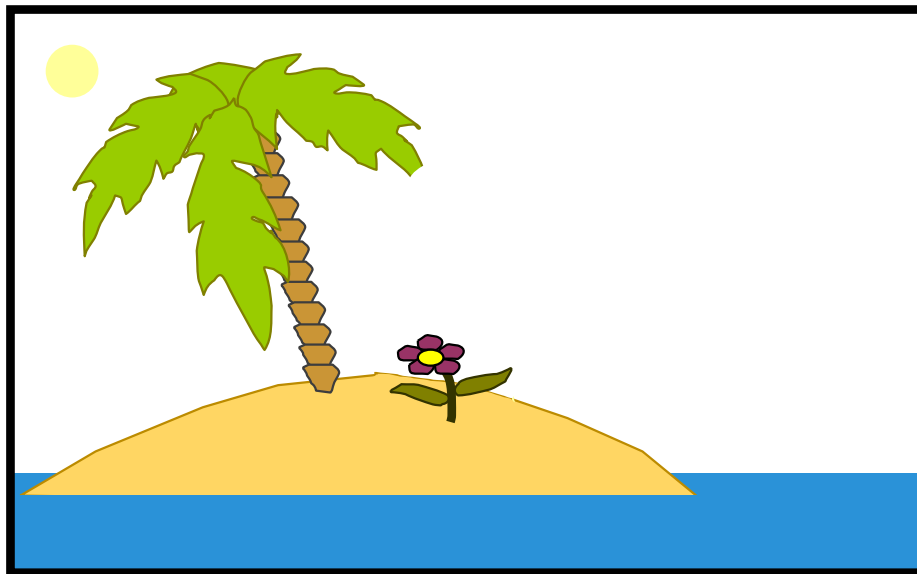


conservation priority setting (includes other factors)

## STEP ONE – IDENTIFY NA TAXA

# Taxa not eligible for regional assessments (NA)

- **Introduced taxa** (not indigenous to the region and introduced for reasons other than conservation)



- **Vagrant taxa** (not indigenous to the region but occurs occasionally and irregularly)



## STEP ONE – IDENTIFY NA TAXA

# Taxa eligible for regional assessments

## Assess taxa that are native to the region

- Indigenous taxa breeding within the region.
- Naturally re-colonizing taxa (formerly Regionally Extinct).
- Reintroduced taxa (formerly Regionally Extinct).
- **Marginal taxa** (small proportion of global range/population within the region).
- **Visiting non-breeding taxa** (not breeding there, but using essential resources)

*See the 'Flowchart to determine which taxa to include in a regional Red List' in the Regional Guidelines*

# STEP ONE – IDENTIFY NA TAXA

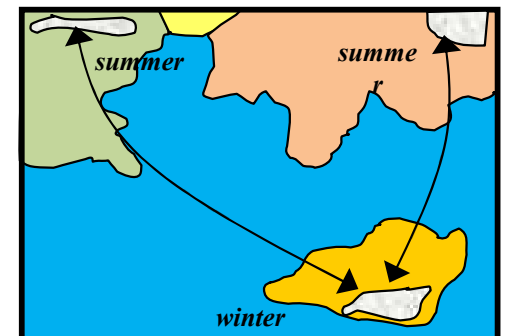
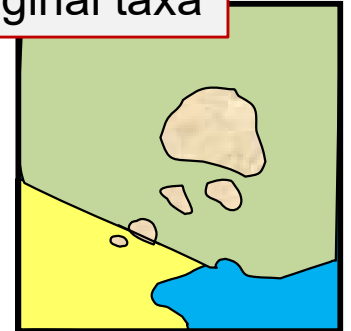
## Optional filter:

- Threshold to determine which taxa are included and which are Not Applicable (NA)

e.g. <1% of the global population present/using resources in the region

Filter must be **clearly stated** in Red List documentation and the taxa filtered out should be assessed **Not Applicable (NA)**.

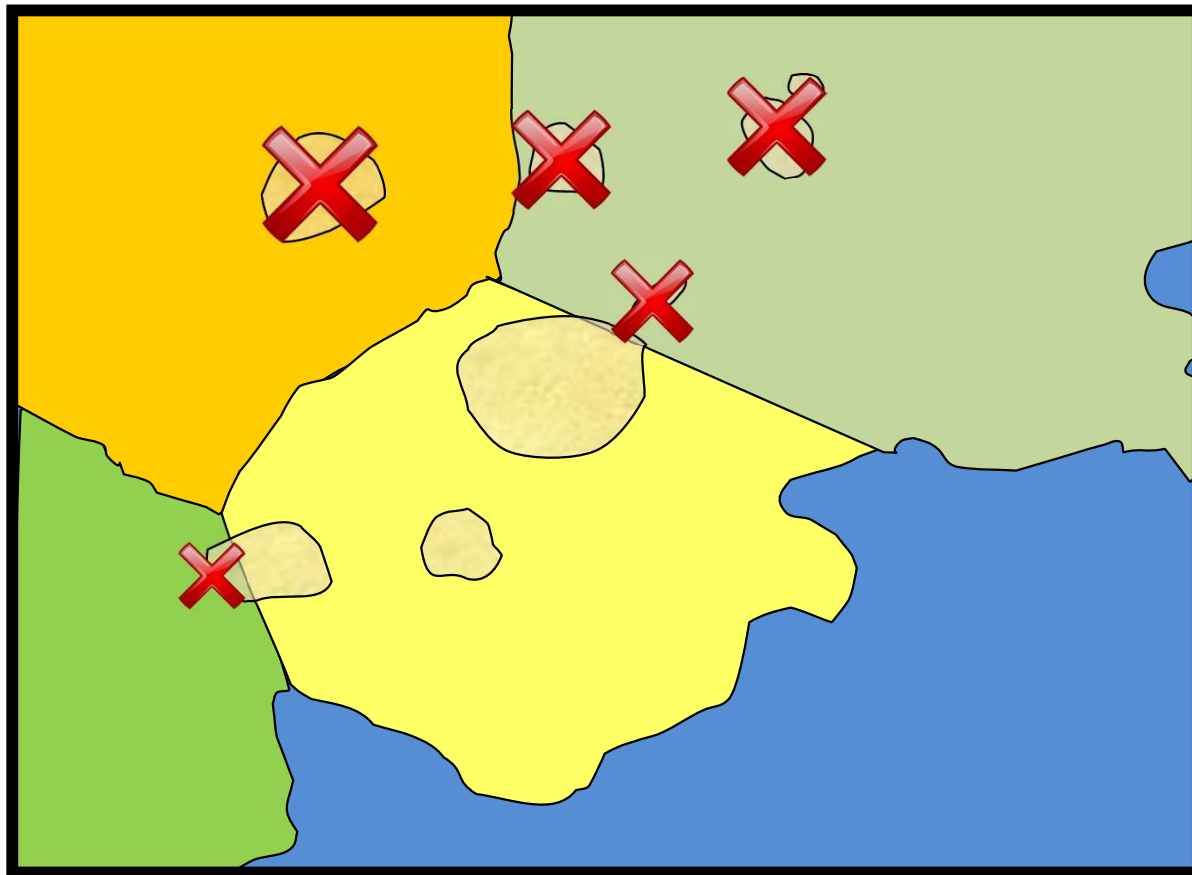
Marginal taxa



Visiting non-breeding taxa

## STEP TWO – PRELIMINARY ASSESSMENT

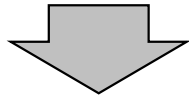
Assess species using the Red List Categories and Criteria, *ignoring* all data from outside the region



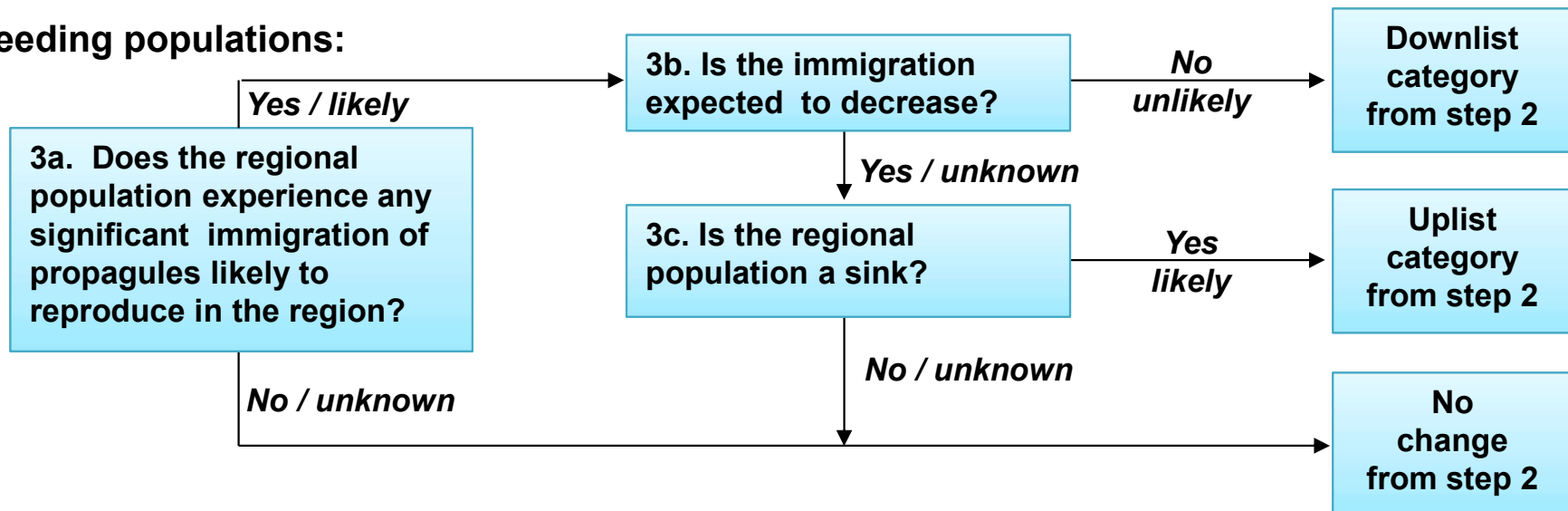
**Endemic taxa:** Regional assessment = Global assessment

# STEP THREE – REGIONAL ASSESSMENT

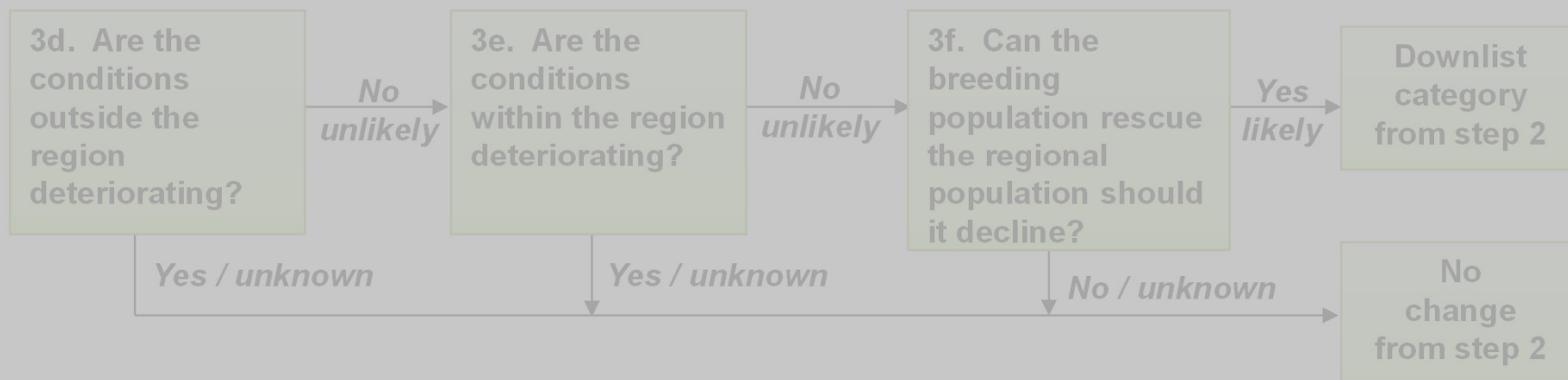
Step 2:  
Assess the regional population  
according to the Red List Criteria



## Breeding populations:



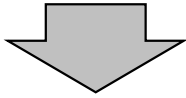
## Visiting populations:



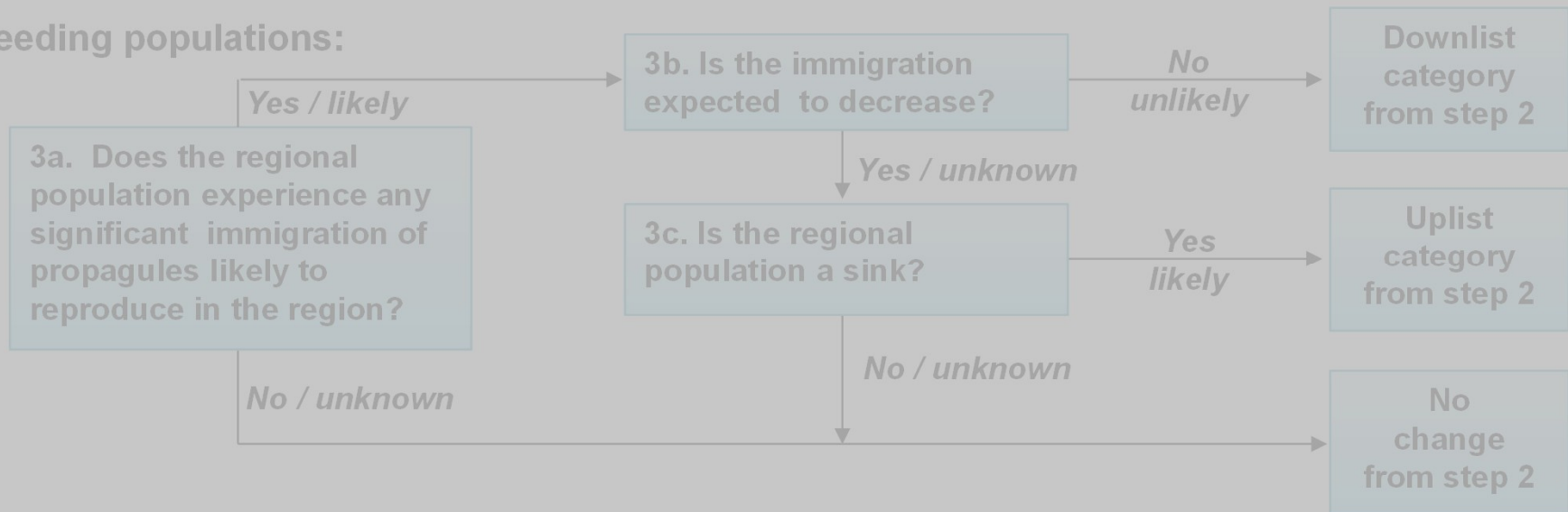
# STEP THREE – REGIONAL ASSESSMENT

Step 2:

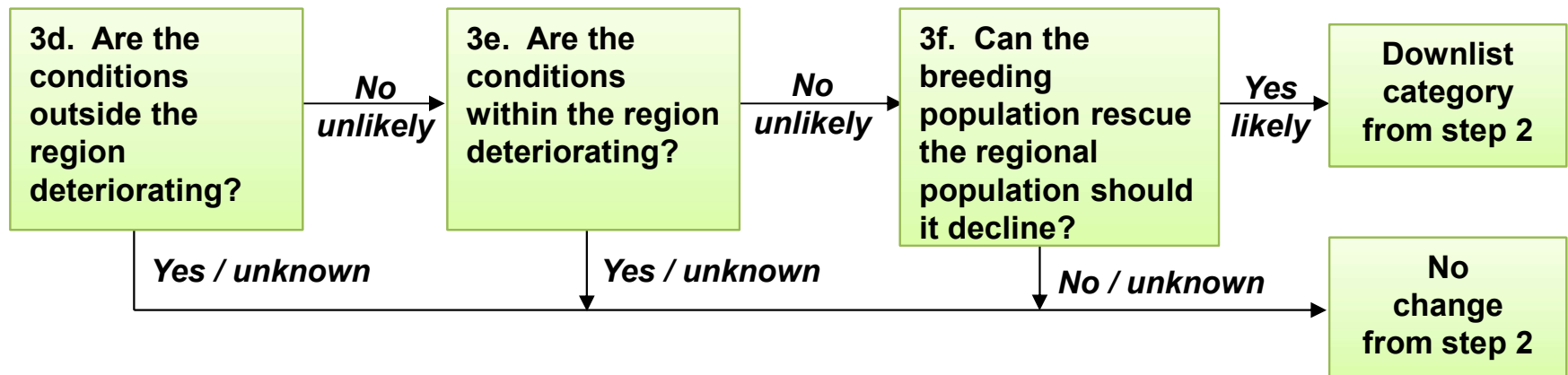
Assess the regional population  
according to the Red List Criteria



## Breeding populations:



## Visiting populations:



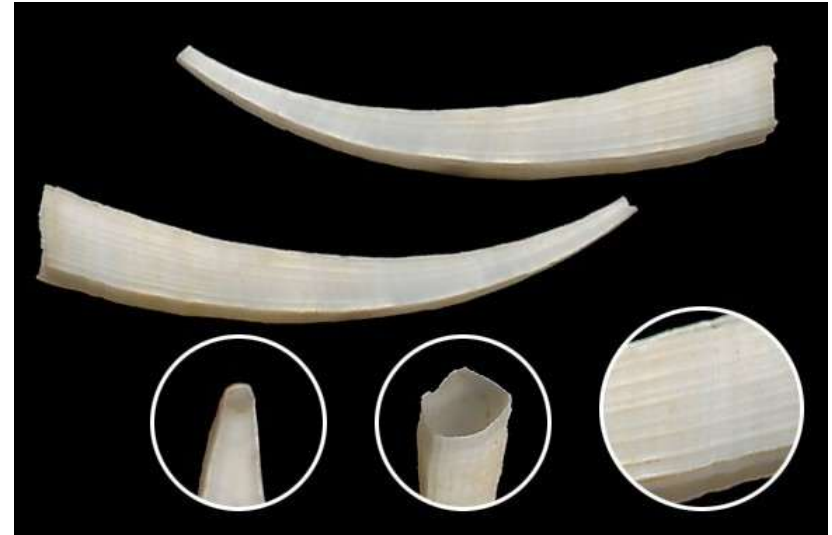
# Examples from the Swedish Red List

## Tusk shell *Entalina tetragona*

### In Sweden:

- EOO = 300-1000 km<sup>2</sup>
- AOO = 150-500 km<sup>2</sup>
- 3 locations, decline in quality of habitat

Preliminary assessment (step 2)  
Endangered EN B1ab(iii)+2ab(iii)



### Outside the region:

- Good immigration possibilities from large populations in neighbouring Norwegian waters.
- Therefore, the preliminary regional category is downlisted.

Final assessment  
Vulnerable VU° B1ab(iii)+2ab(iii)



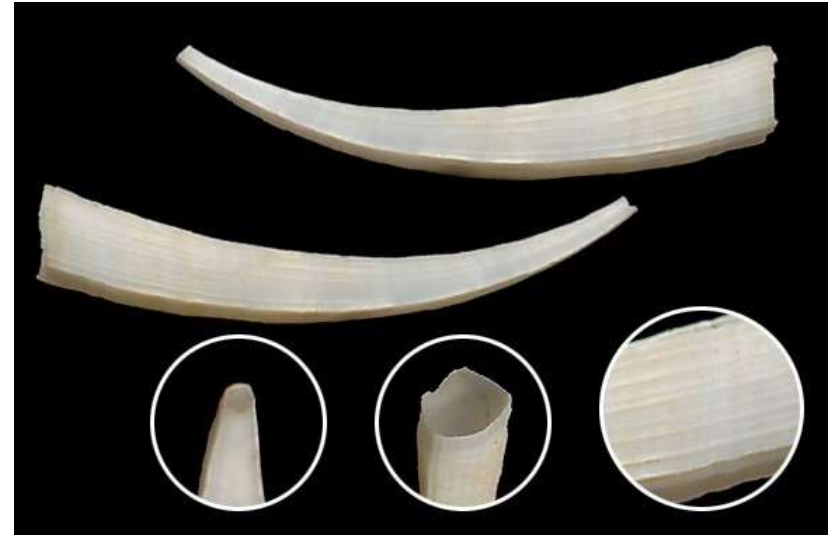
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- 3 locations, decline in quality of habitat

Preliminary assessment (step 2)  
Endangered EN B1ab(iii)+2ab(iii)



### Outside the region:

- Good immigration possibilities from large populations in neighbouring Norwegian waters.
- Therefore, the preliminary regional category is downlisted.

Final assessment  
Vulnerable VU° B1ab(iii)+2ab(iii)

# Examples from the Swedish Red List

## Caspian Tern *Sterna caspia*

### In Sweden:

- 415 breeding pairs in 9 colonies
- 80 solitary breeding pairs
- 65% decline in Sweden over the last three generations.

Preliminary assessment (step 2)  
Endangered EN A2ae; C1+2a(i)



### Outside the region:

- Caspian Tern population in the entire Baltic Sea area (Sweden, Finland, Estonia) has declined by 39% over the last three generations.
- Nearest population outside of this area is in the Black Sea.
- Probability of re-colonization from the Black Sea population is very low.
- Therefore, the preliminary category is left unchanged.

Final assessment  
Endangered EN A2ae; C1+2a(i)

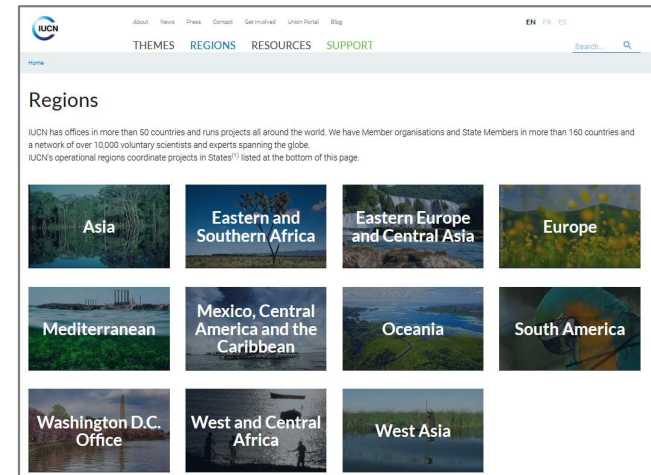
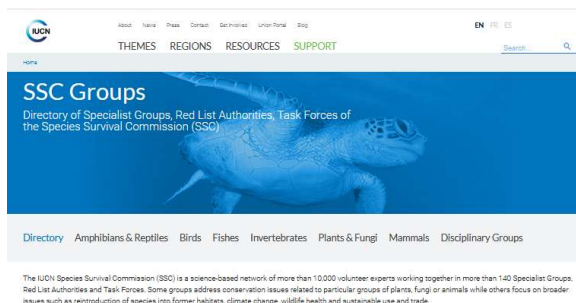


# Tools and Resources

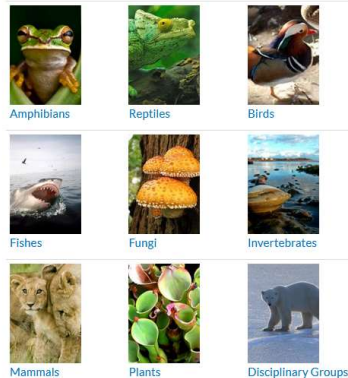
- **National Red List website:** [www.nationalredlist.org](http://www.nationalredlist.org)
  - Directory national/regional Red Lists
  - Contact details for other national Red List focal points
  - IUCN SSC National Red List Working Group (NRLWG)



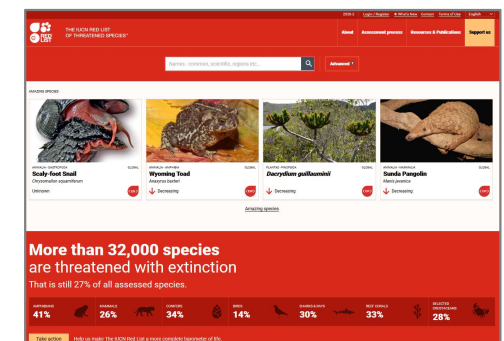
- **IUCN Regional and Country Offices:**  
<https://www.iucn.org/régions>



- **IUCN SSC Specialist Groups:**  
<https://www.iucn.org/commissions/ssc-groups>



- **IUCN Red List:** [www.iucnredlist.org](http://www.iucnredlist.org)  
Email: [redlist@iucn.org](mailto:redlist@iucn.org)






# Regional assessments

2020-2

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Taxonomy

Red List Category

Land Regions

Country Legends

Marine Regions

Threats

Habitats

Conservation Actions Needed

Research Needed

Use and Trade

Publication Year

Systems

Biogeographical Realm

Population Trend

Plant/fungi Growth Forms

Red List update

Geographical Scope

Regional Assessments

☐ Global (120372)
 ☒ Europe (15170)
 ☐ Pan-Africa (4915)
 ☐ Mediterranean (4625)

Clear All

1

RESULTS (15170)

Download


Save search

Geographical Scope

Europe

Include

Species




ANIMALIA - GASTROPODA

**Abida polyodon**

GLOBAL, EUROPE

Unknown

<LC>



PLANTAE - PINOPSIDA


**Greek Fir**

Abies cephalonica

GLOBAL, EUROPE

Stable

<LC>



PLANTAE - PINOPSIDA


**Sicilian Fir**

Abies nebrodensis

GLOBAL, EUROPE, MEDITERRANEAN

Increasing

<CR>



PLANTAE - PINOPSIDA


**Spanish Fir**

Abies pinsapo

EUROPE

Increasing

<EN>



PLANTAE - BRYOPSIDA


**Fir Tamarisk-moss**

Abietinella abietina

EUROPE

Decreasing

<LC>



ANIMALIA - REPTILIA

**Juniper Skink**

Ablepharus kitaibelii


EUROPE

Stable

<LC>

More results

# Regional assessments



THE IUCN RED LIST  
OF THREATENED SPECIES™

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SPECIES (2)


**Canary Damsel** *Abudefduf luridus* Global <LC>

**Canary Damsel** *Abudefduf luridus* Europe <LC>

SPECIES GROUPS (1)

**Canary Damsel**


AMAZING SPECIES



ANIMALIA - GASTROPODA GLOBAL

**Scaly-foot Snail**  
*Chrysomallon squamiferum*


Unknown



ANIMALIA - AVES GLOBAL

**Sociable Lapwing**  
*Vanellus gregarius*


Decreasing



ANIMALIA - AMPHIBIA GLOBAL

**Itatiaia Highland Frog**  
*Holoaden bradei*

Decreasing



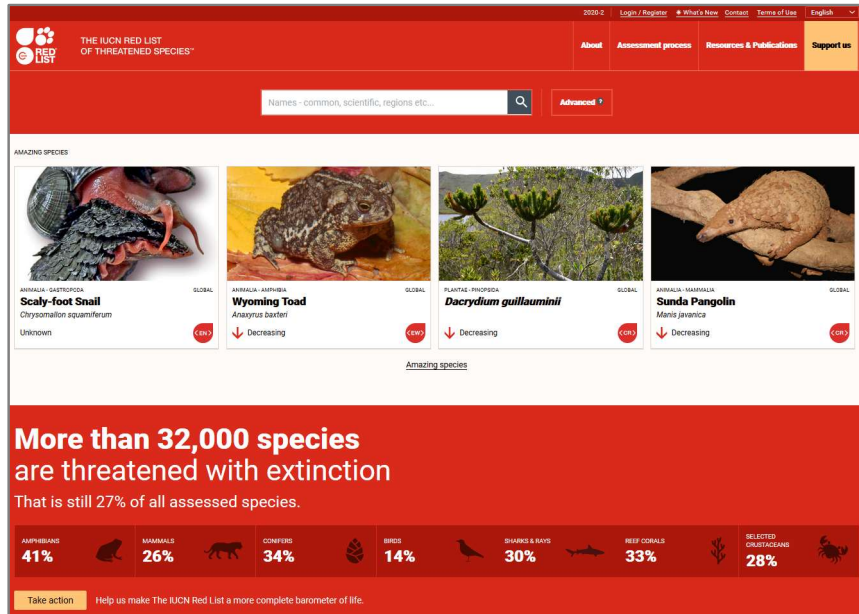
ANIMALIA - AMPHIBIA GLOBAL

**Golden Toad**  
*Incilius periglenes*

Extinct

[Amazing species](#)





← Endemics

Communication →

