

# Improving knowledge for Red Lists: the *Tivela mactroides* (Born, 1778) case

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## *Tivela mactroides*:

- Important in the local culinary and crafts
- Grows in sandy beaches

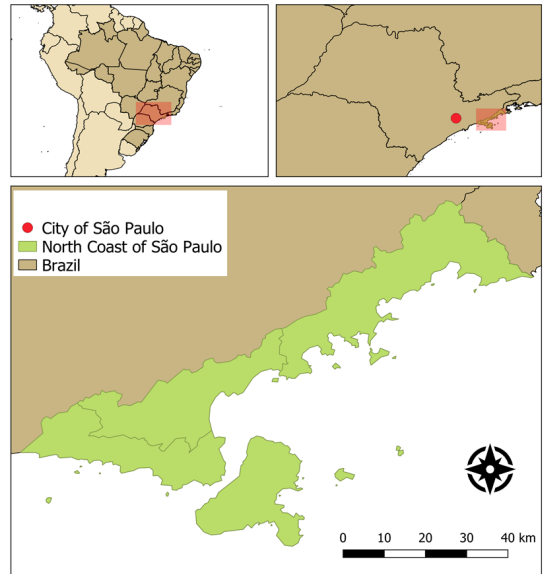


## Included in the List of Endangered Species of São Paulo State:

- Vulnerable
- Inadequate information
- Conflicts with traditional uses



Area of Study



Aim: Investigate alternative methods to inform the creation of Red lists

## Which information do we need to improve?

- Suitable beaches
- Current distribution
- Past distribution
- Threats
- Trends for population size

### Citizen Science

- Photos



### Interviews

- Experts
- Residents



### Literature Review

- Articles
- Museums
- Databases



### Habitat Suitability



### Looking for shells



## Advantages:

- Cheaper and faster than digging
- Values traditional knowledge



## Challenges:

- Arriving at cohesive results
- Lack of validation

