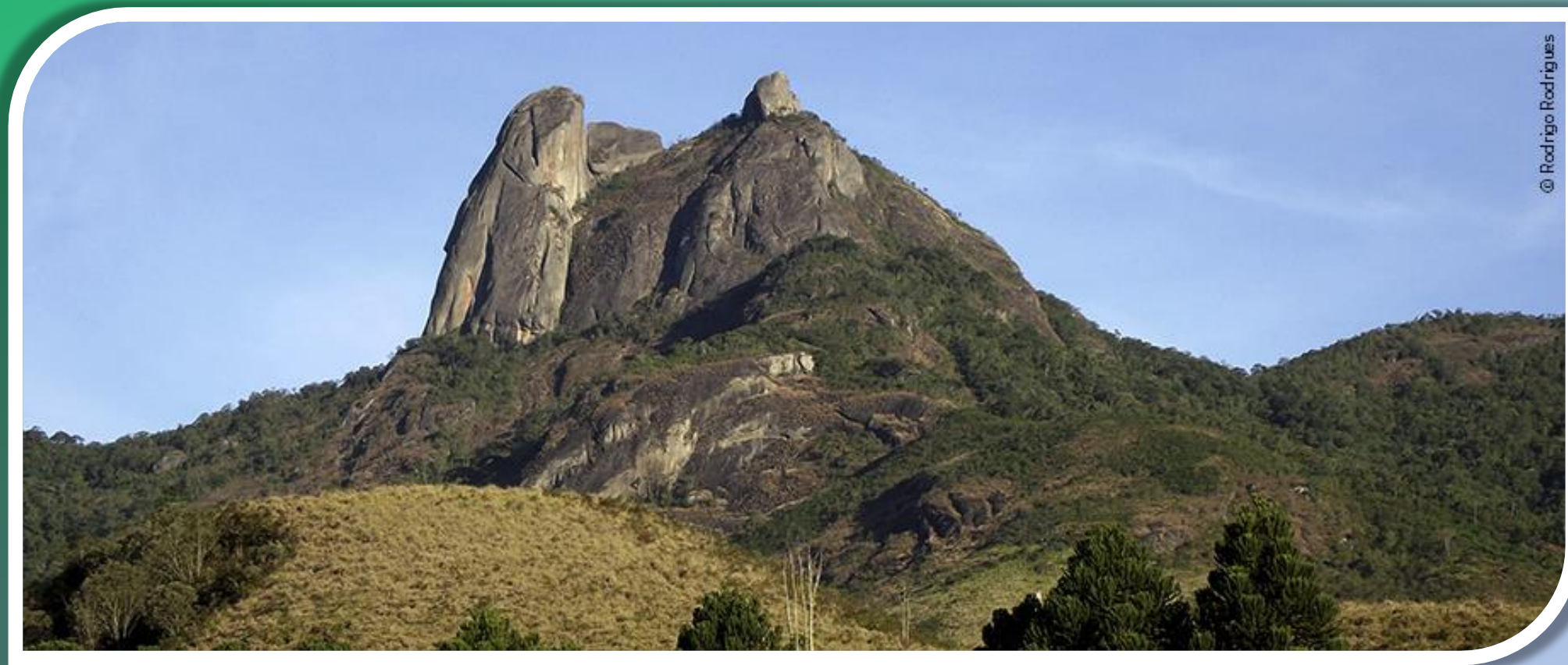




EDUCATIONAL GUIDE TO GEODIVERSITY OF PEPS

Parque Estadual da Pedra Selada



© Rodrigo Rodrigues



**MESTRADO
PROFISSIONAL
ENSINO EM CIÊNCIAS
DA SAÚDE E DO MEIO AMBIENTE**

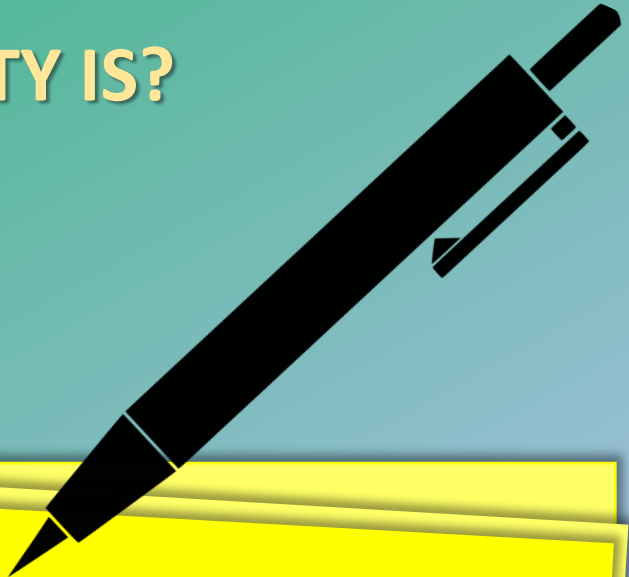
**Henrique Avila Menandro
Ronaldo Figueiró Portella Pereira**



DO YOU KNOW WHAT GEODIVERSITY IS?

Geodiversity is the set of physical elements of a location.

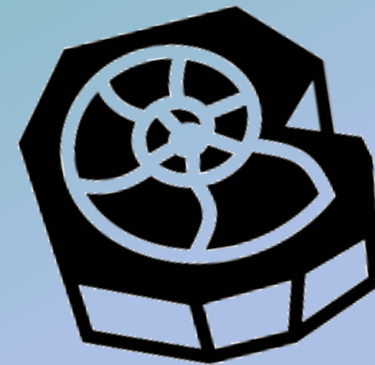
Geodiversity involves geology, ground, landscape, soil and the relationship between these elements.



Geodiversity and Biodiversity are not opposites! In fact, they are intertwined.



Geodiversity has economic, ecological, scientific and also (geo)tourism importance!





DO YOU KNOW PARQUE ESTADUAL DA PEDRA SELADA - PEPS?



HOW IS THIS GUIDE ORGANIZED?



Pre-visit

- Theoretical background
- Arranged
- Fieldwork goals
- Fieldwork materials



Visit

- Observation and interaction
- Sensory perception
- Free contemplation



Post visit

- Concept recovery
- Laboratory analysis
- Interdisciplinary products



PRE-VISIT

- ✓ Introduce the theory and concepts
- ✓ Locate the PEPS on the map
- ✓ Access the PEPS website
- ✓ Instigate students' curiosity
- ✓ Check the 'Vem Passarinhar' Program calendar and get organized to take your students on the dates scheduled for the PEPS



- ✓ Make arrangements with the class
- ✓ Present the PEPS visitation rules
- ✓ Prepare the visit itinerary with the class
- ✓ Make clear the evaluation criteria you will use

- ✓ Define fieldwork materials
- ✓ Divide the class into groups and define responsibilities for each one



VISIT

FREE CONTEMPLATION

- ✓ Allow time for students to play freely



SENSORY PERCEPTION

- ✓ Propose interactive activities with landscape elements: lying on the grass, hugging a tree, identifying smells and sounds, etc.



OBSERVATION AND INTERACTION

- ✓ Guide students on the elements of geodiversity that must be observed at each point (See the 'objects of knowledge' section)
- ✓ Ask students to record and write down everything they think is important
- ✓ Try *birdwatching*
- ✓ Let them exchange information

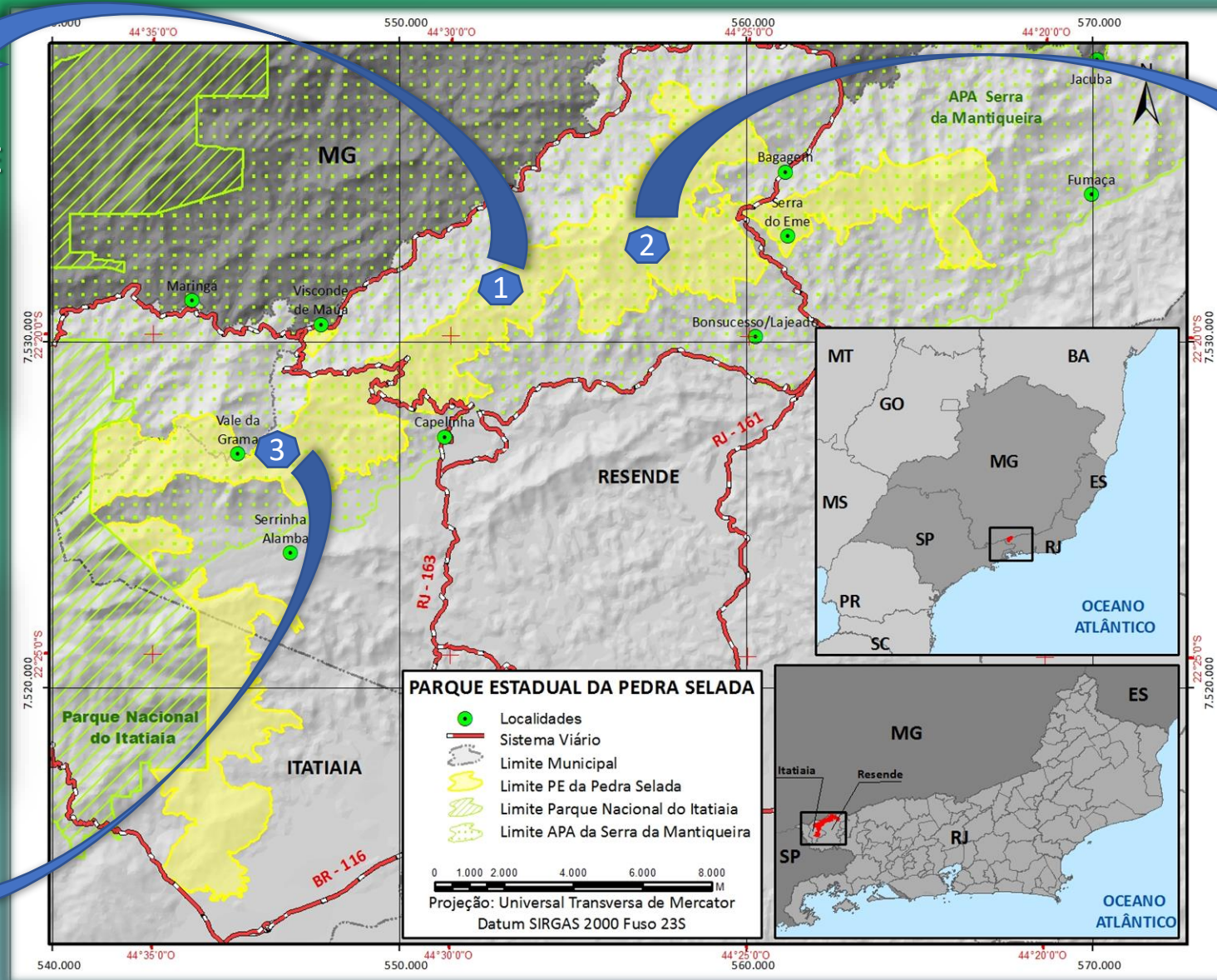


VISITING POINTS

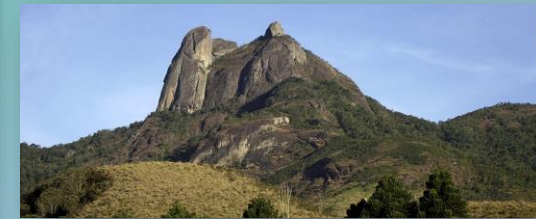
VISITOR CENTER AND BOSQUE DO VISCONDE



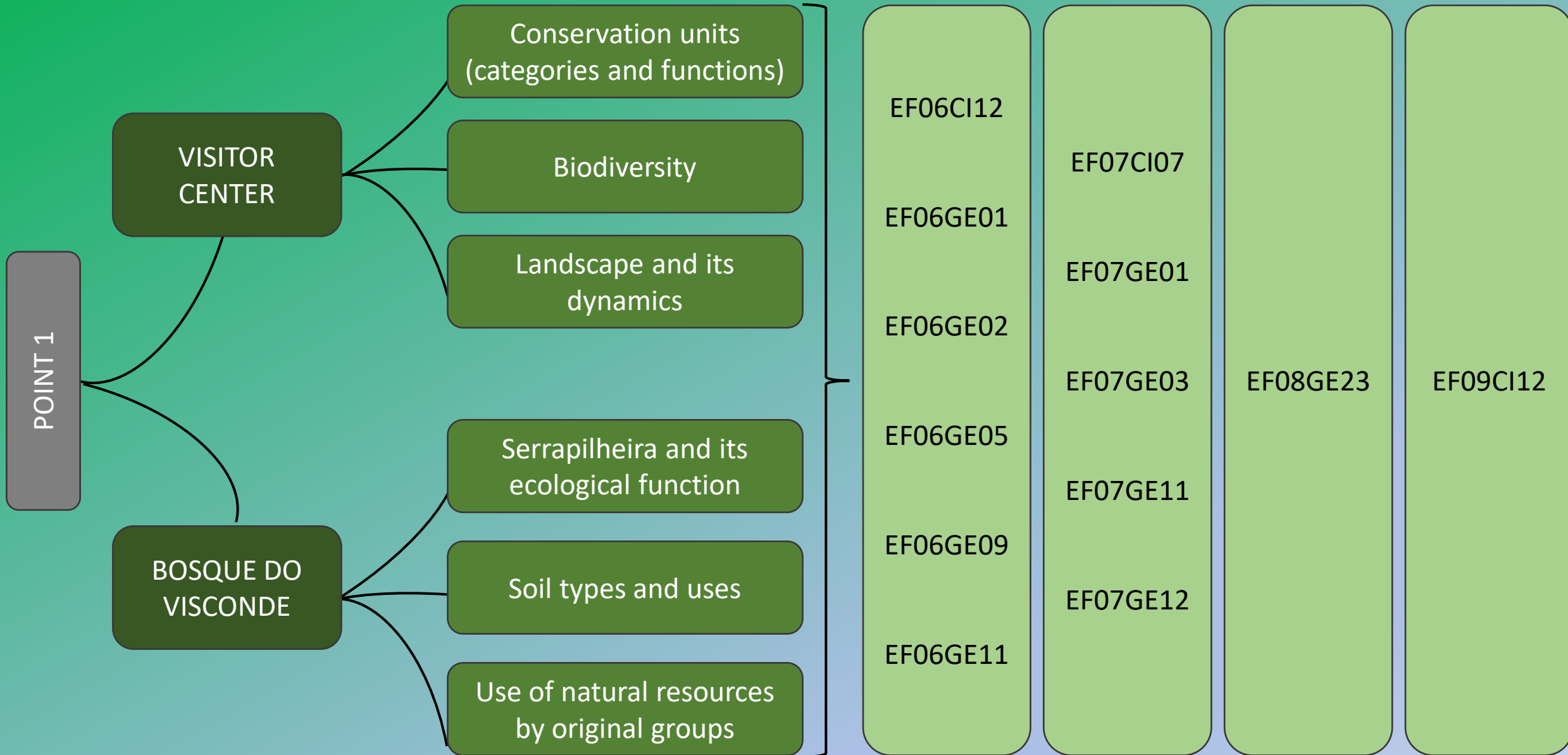
POÇO DO MARIMBONDO



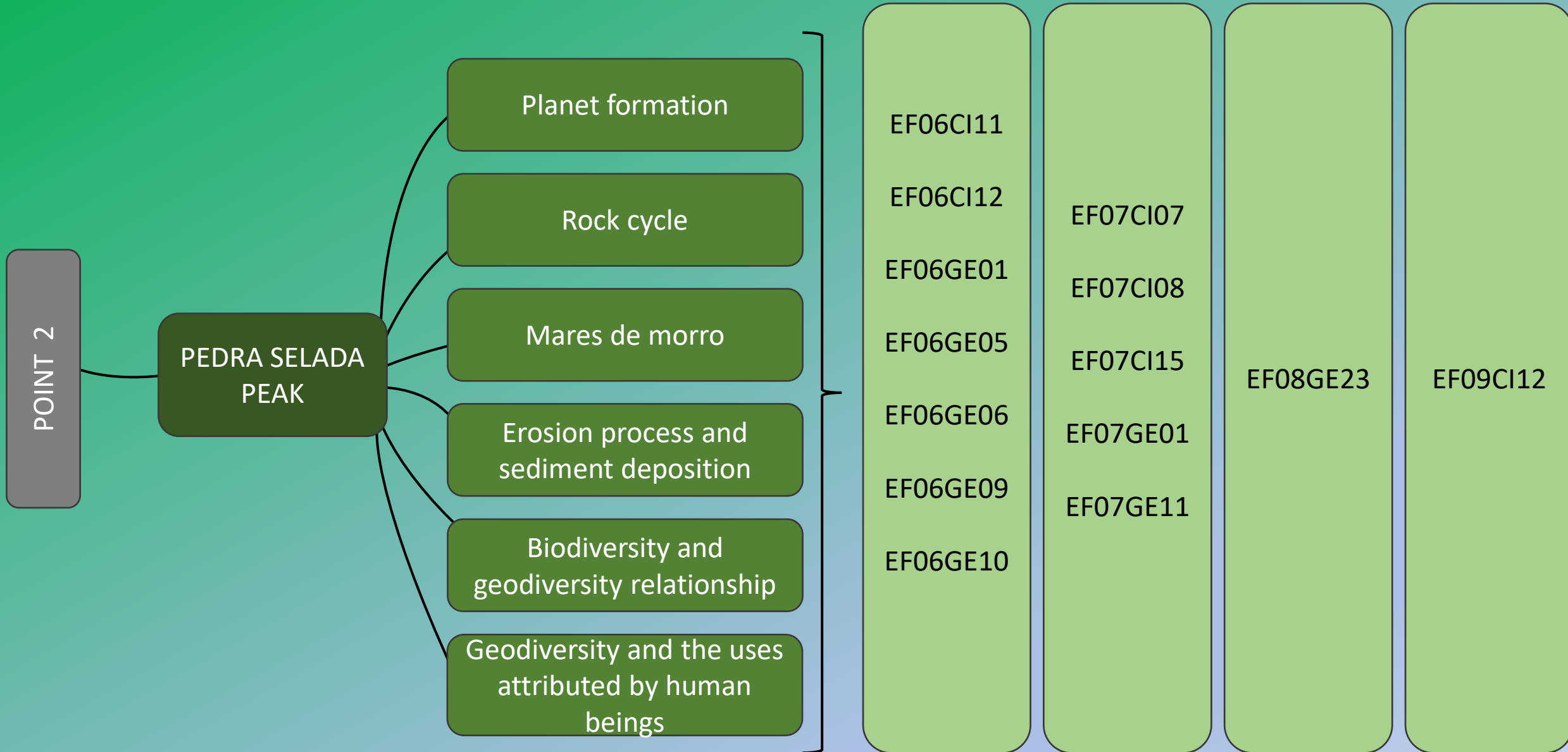
PEDRA SELADA PEAK



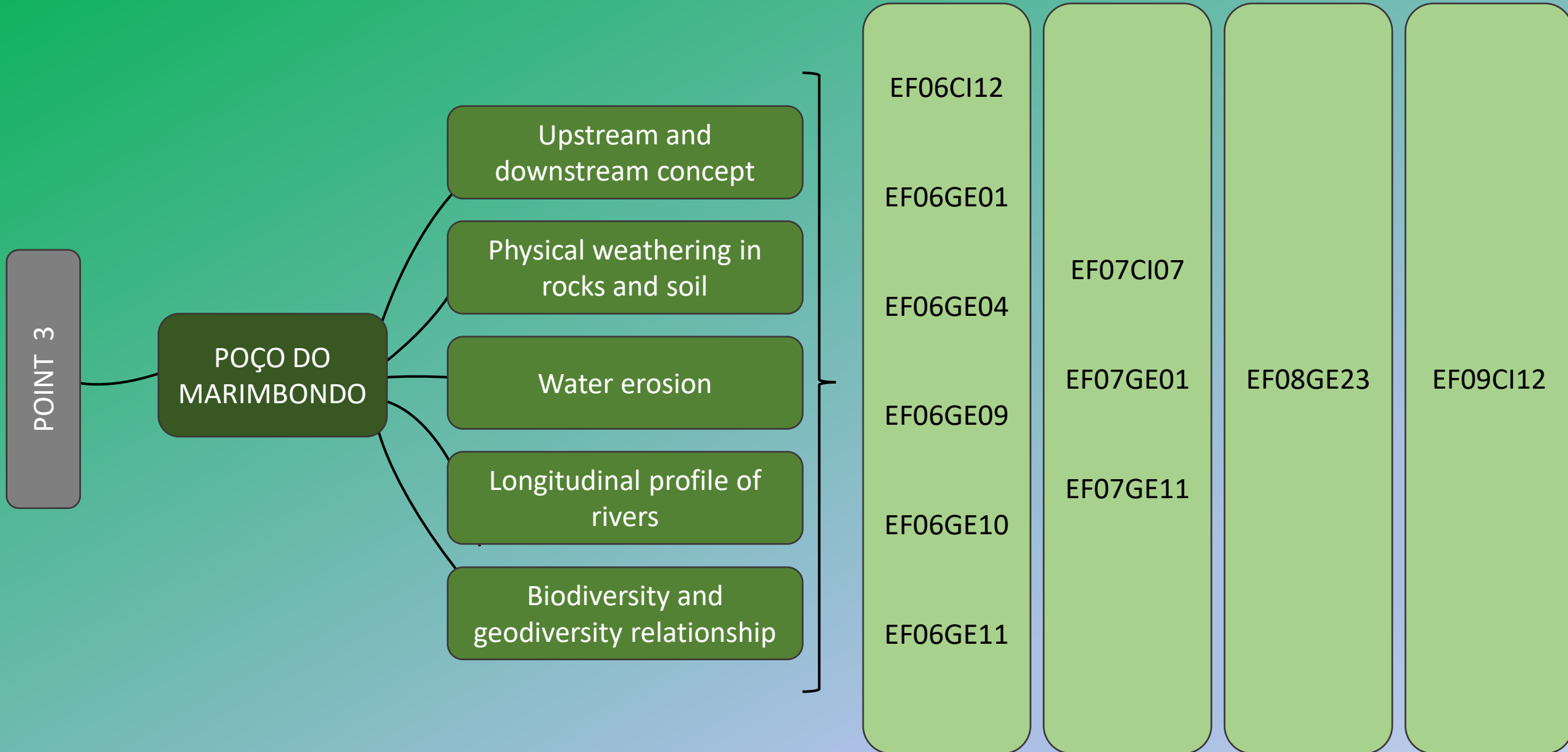
OBJECTS OF KNOWLEDGE



OBJECTS OF KNOWLEDGE



OBJECTS OF KNOWLEDGE



POST VISIT



- ✓ Resume concepts worked in the fieldwork
- ✓ Rectify any analysis mistakes



- ✓ Organize the fotos
- ✓ Try WikiParques
- ✓ Make laboratory analysis



- ✓ Build interdisciplinary products with students (photographic exhibition, rock and soil profile exhibition, map, mini-documentary, experience report, writing etc.)