



Case study: the contribution of sheep breeders to the conservation of "The Queen of the Alps" (Eryngium alpinum) in the Mercantour National Park

11 National Parks in France

11 national parks in France (1963 - 2022)

French national Parks are public institutions under the authority of the Ministry of the Ecological Transition.

National Parks are locally-run with a director and governed by a board of local officials.

They each have a local Charter, drawn up in partnership with local stakeholders, which municipalities may choose to sign.



French national Parks: 2 zones

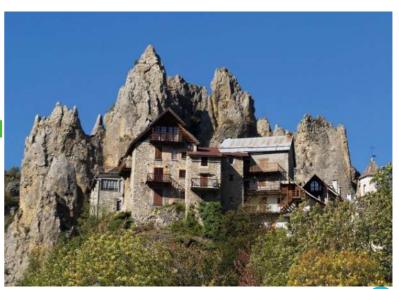
The core (regulated area)

- High level of protection
- Rangers on the field
- No villages or inhabitants
- Sheep breeding & tourism authorized
- Biodiversity monitoring & natural habitats manag



The partnership area

- ecological solidarity with the core.
- no special rules from the park
- many projects (ecotourism, heritage, education)
- local stakeholders involved for sustainable devel



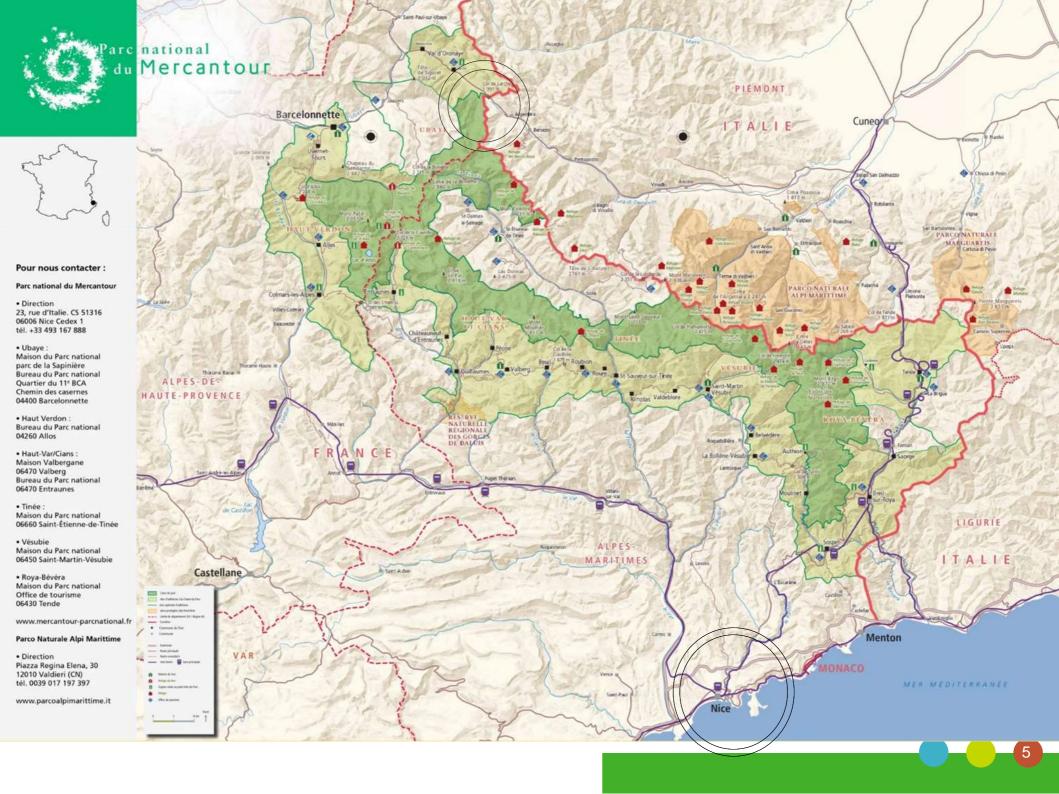
French National Parks: 3 main missions

- Fighting the loss of biodiversity, protecting and understanding heritage:
- >Fauna, Flora
- >Landscape, Culture
- >Monitoring, Protection
- Welcoming the public and raising awareness:
- >Animations/trainings
- >Park visitors centers
- >Hiking trails
- Working for sustainable development and ecological transition :
- >Tourism
- >Agriculture
- >Local economy









The Mercantour National Park is 46 years old

Carte d'identité du Parc

Créé en 1979

8 vallées

2 départements (Alpes-Maritimes et Alpes-de-Haute-Provence)

1 801 km² dont 679 km² en zone cœur

23 communes

23 500 habitants

Plus de 2 000 espèces de plantes dont 200 rares et 30 endémiques

Plus de 9 000 espèces animales dont 78 espèces de mammifères et 199 espèces d'oiseaux

Jumelé avec le Parco naturale Alpi Marittime

- 75 people working
- Summits over 3400 meters
- EDPA in 1993
- · Wolf came back in France in 1993
- Border with Italy and twinned with the Alpi Mai



- •
- 100 000 sheeps during summertime
- Increasing tourism attendance in summer and

a jewel of biodiversity accessible to all

A geological, climatic and landscape crossroad



A remarkable biogeographical location



Abundant and easily observable wildlife



An endemic and rare flora



A thousand-year-old cultural heritage and patrimonial trails

and its incredible inventory of biodiversity

. The first large-scale All Taxa Biodiversity Inventory in Europe!



- . 49 species and 3 subspecies new to science
- . 53 species new for France!

- . 15 years of inventory
- . 250.000 data acquired
- . 12.000 taxa recorded



Caryocolum dauphini

and its incredible fauna



- . 8 951 animal taxa
- . 78 species of mammals
- . 199 species of birds
- 25 species of reptiles and amphibians
- . More than 8000 invertebrates



. Reintroduction / preservation pr













and its incredible flora

C M. Arcely / Prom.

- . 2.067 plant species (42 % of the French native flora)
- . Including 200 rare and 30 endemic
- . Research and preservation programs









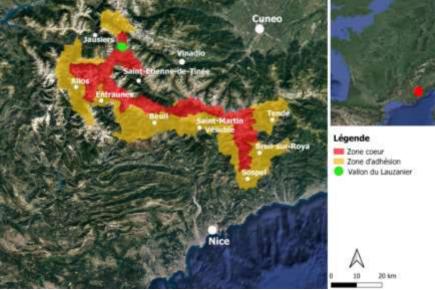


"The Queen of the Alps" (Eryngium alpinum)

- The Lauzanier Valley: the only spot of Queen of the Alps in the Mercantour
- •The southernmost spot known in the Alps.
- A big conservation issue for the Park







The Lauzanier valley



1984: First conservation measures

- •Only 11 plants remaining and coming to bloom in the entire Lauzanier Valley, even though this valley was known as "the blue sea " before World War II due to the species' great abundance.
- •First conservation implementation : 2 exclosures around these plants below the current site, and a grazing postponement to September was agreed upon with the shepherd and the rancher.







•It was the beginning of a long adventure with scientists, shepherds, rangers, owners and local officials...

•https://www.youtube.com/watch?v=Qz0Y6SWNGcl









Find more on www.mercantour-parcnational.fr





