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DE LA FLORE MÉDITERRANÉENNE

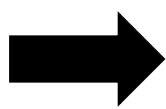


Elaboration and implementation of a conservation strategy targeting habitats in the Mediterranean region: example of the south of France

Turpin L., Diadema K., Hugot L., Le Berre M., Quiquerez I.,
Bianchin N., Fort N., Argagnon O.

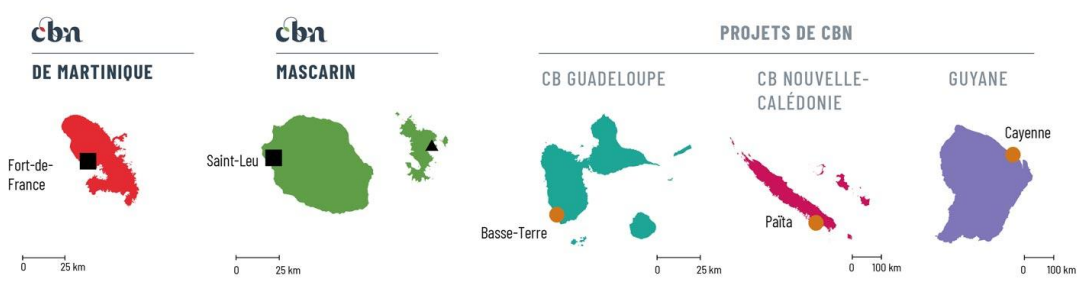
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CONSERVATOIRE BOTANIQUE NATIONAL

Missions of expertise on knowledge and conservation of **flora and vegetations**



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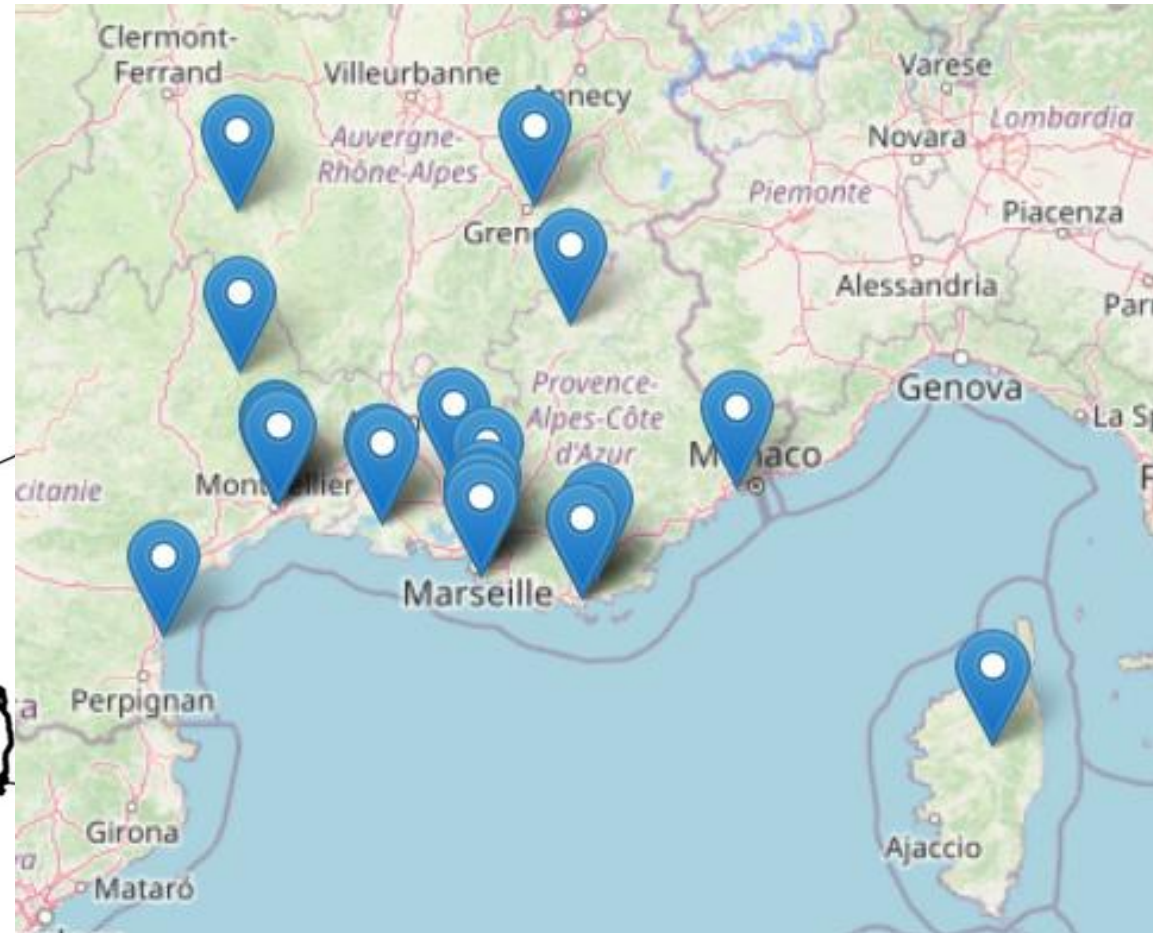
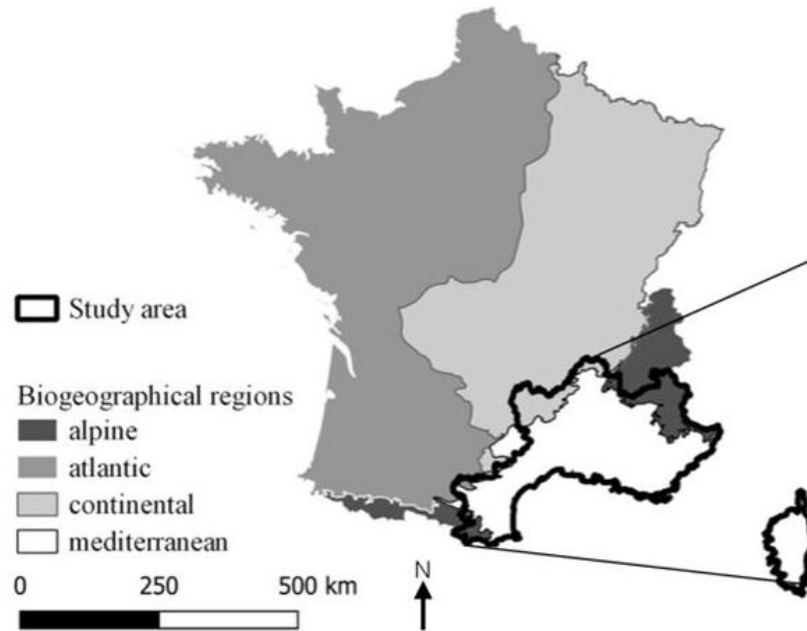
**Cooperation
 for conservation**

WITH THE SUPPORT OF

RESEDA-Flore Network



One main goal :
**the conservation of flora and habitats
 in the French mediterranean area.**



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Strategy for the conservation of habitats

“All natural areas or semi-natural areas containing at least one plant community will hereinafter be referred to as “habitats”.”

Targets : phytosociological alliances



O. Argagnon - CBNMed



Strategy for the conservation of habitats targetting phytosociological alliances



Strategy for the conservation of habitats targetting phytosociological alliances

Axis 1 : Knowledge improvement

Action 1 : Identify knowledge gaps and deficiencies

Action 2 : Improve knowledge on alliances distributions

Action 3 : Improve knowledge on alliances

Strategy for the conservation of habitats targetting phytosociological alliances

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Axis 2 : Conservation

Action 4 : Prioritize alliances based on conservation value criteria

Action 5 : Conservation actions assignment and choices

Action 6 : Conservation actions implementation on chosen alliances

Strategy for the conservation of habitats targetting phytosociological alliances

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Axis 3 : Coordination and communication

Action 7 : Develop tools to facilitate collaborators participation

Action 8 : Bring members together

Action 9 : Measure progress

Action 10 : Raise awareness on the conservation of natural habitats

Action 11 : Communicate on RESEDA-Flore productions and missions

Strategy for the conservation of habitats

 implication of members and partners

Axis 1 : Knowledge improvement

Action 1 : Identify knowledge gaps and deficiencies

Action 2 : Improve knowledge on alliances distributions

Action 3 : Improve knowledge on alliances

Axis 2 : Conservation

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Focus on Axis 2 – Conservation

478 alliances: where to start?



L. Sirvent

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Focus on Axis 2 – Conservation

478 alliances: where to start?

Action 4 – Prioritize alliances based on conservation value criteria

Prioritization based on two criteria:

- Territorial responsibility (where is the alliance present outside our study territory ?)
- Regulatory responsibility (can the alliance be present in at least one habitat of community interest?)

Focus on Axis 2 – Conservation

478 alliances: where to start?

Results :
top ranked alliances
examples

Code	Syntaxa
CNV_02165	Ammophilion australis
CNV_02506	Astragalo incani-Festucion cinereae
CNV_04293	Bolboschoeno maritimi-Schoenoplecton litoralis
CNV_06746	Chrysanthemo rotundifolii-Piceion
CNV_01839	Crithmo maritimi-Staticion
CNV_02190	Crucianellion maritimae
CNV_02205	Diantho catalaunici-Scrophularion humifusae
CNV_03125	Elatino triandrae-Damasonion alismatis
CNV_01118	Euphorbion peplidis
CNV_04804	Fraxino orni-Quercion ilicis
CNV_04813	Genisto pilosae-Pinion pinastri
CNV_00137	Oenanthion globulosae
CNV_04770	Oleo sylvestris-Ceratonion siliquae
CNV_01624	Osmundo regalis-Alnion glutinosae
CNV_04748	Pistacio lentisci-Pinion halepensis
CNV_03299	Plantaginion crassifoliae
CNV_04125	Rubo ulmifolii-Nerion oleandri

Focus on Axis 2 – Conservation

478 alliances: where to start?

Action 5 – Actions assignment and choices

Actions assignment based on a decisional tree:

Sufficient data on the alliance?

Actions already taken?

Existing protection measures?

Level of threat and stakes?

Focus on Axis 2 – Conservation

478 alliances: where to start?

Action 5 – Actions assignment and choices

Actions assignment based on a decisional tree:

Sufficient data on the alliance?

Actions already taken?

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Results :

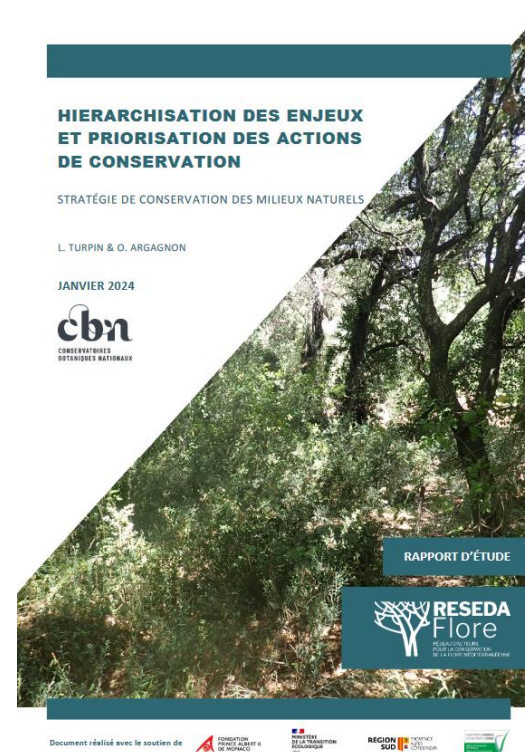
knowledge improvement: 431

knowledge review: 2

Site inventory: 16

Monitoring: 17

No action: 12



Focus on Axis 2 – Conservation

478 alliances: where to start?

Action 6 – Conservation actions implementations on chosen alliances

Plantaginion crassifoliae

Monitoring



L. Turpin

Crucianellion maritimae

Ammophilion australis

Site inventory



L. Sirvent

Rubo ulmifolii - Nerion oleandri

Knowledge improvement



M. Le Berre

Focus on Axis 2 – Conservation

Example



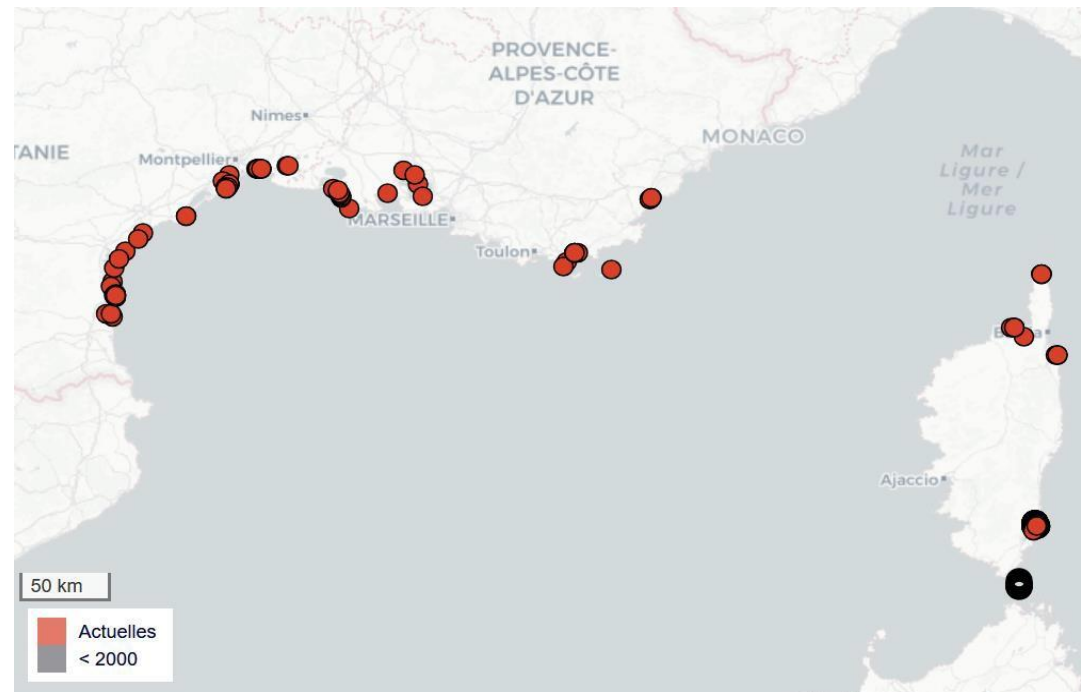
Focus on Axis 2 – Conservation

Example

Plantaginion crassifoliae

Top-ranked, monitoring action assigned

STEP 1: Making sure all surveys which match the alliance are marked in the database



Focus on Axis 2 – Conservation

Example

Plantaginion crassifoliae

Top-ranked, monitoring action assigned

STEP 1: Making sure all surveys which match the alliance are marked in the database

STEP 2: Analyzing all surveys to identify diagnostic species



Schoenus nigricans



Blackstonia imperfoliata



Scirpoides holoschoenus subsp. australis



Dittrichia viscosa



Lotus jordanii



Plantago crassifolia



Limonium virgatum



Limbarda crithmoides



Artemisia caerulescens subsp. gallica

Focus on Axis 2 – Conservation

Example

Plantaginion crassifoliae

Top-ranked, monitoring action assigned

STEP 1: Making sure all surveys which match the alliance are marked in the database

STEP 2: Analyzing all surveys to identify diagnostic species

STEP 3 : Elaborating, testing and implementing protocols on field

**SUIVI STATION DU
PLANTAGINION CRASSIFOLIAE**

IDENTIFIER ET INTERPRÉTER LES TENDANCES
D'ÉVOLUTION DU PLANTAGINION CRASSIFOLIAE EN
FRANCE

CONSERVATOIRE BOTANIQUE NATIONAL
MÉDITERRANÉEN, CONSERVATOIRE
BOTANIQUE NATIONAL DE CORSE

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Clotilde TROUILLET, Louise TURPIN

Décembre 2024

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DOCUMENT TECHNIQUE

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FONDATION PRINCE ALBERT II DE MONACO

MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE

REGION SUD

PROVENCE ALPES CÔTE D'AZUR

OFFICE DE L'ENVIRONNEMENT DE LA CORSE



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THANK YOU

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