



Roundtable 5 August 15 / 12h00: The role of citizen sciences and collaborative research in conserving biocultural diversity

Orchisauvage.fr : An ambitious participatory science project supporting the knowledge and conservation of wild orchids

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A new approach on interactions between science and society, thanks to orchids...

- Evolution of relationships between scientists, conservationists, observers, citizen, managers and civil society
- Citizen are going from the status of data providers used by others to responsible actors of their use with a real feed-back
- Allows a novel capacity of reaction in case of threats
- Requests new type of governance supporting ethical use of collected records

What is it? A Website that allows to collect and share wild orchids' records



Open to everyone

Based on a user-friendliness and participative concept developed by *BioloVision* in Europe and first implemented in France for birds by the network *Visionature* (LPO) including IT tools development (Appli NaturaList)

Participation, sharing, transparency, respect, quality of records (validation committee) and security for biodiversity (precision of location)
Initiated and owned voluntary by an NGO (SFO)





multicriteria search and exports

Philippe Feldmann [déconnecter]



Accueil

Nos partenaires

Participer

- Transmettre mes observations
- Importer un fichier
- Contrôler mes listes

Consultation

- Les observations
 - Toutes mes données
 - Nouvelles observations
 - Les dernières données rares

Consultation multicritères

Période | Espèces | Lieux | Autres restrictions | Formatage du résultat

Liste : Date -> Lieu -> Espèce | Espèce par ordre systématique | Date par ordre descendant

Export : XLS

Liste d'espèces : Espèce par ordre systématique | Calculer le nombre de donnée

Synthèse : Espèce par ordre systématique

Graphique de répartition : Calculer le nombre de donnée | auto

Graphique de tranches d'altitude. Tranche : 250m | Calculer le nombre de donnée

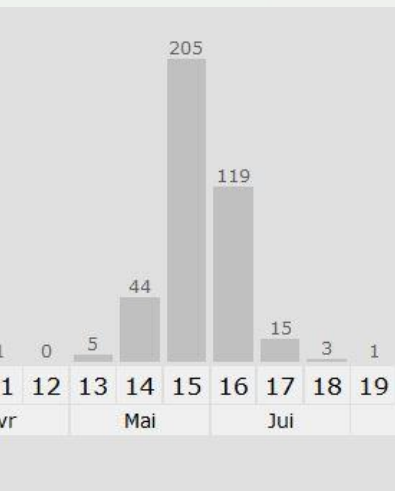
Photo satellite. Colorisation : progression temporelle

[Chercher](#) [Réinitialiser](#)





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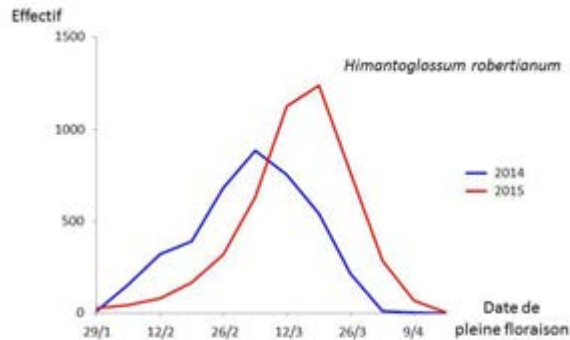
Phenology of *Ophrys aveyronensis*



- A rapid development
 - 150 000 records, 1 500 registered observers (new and younger) and 14 000 uploaded pictures since its launching (February 2014)
 - Many new informations on distribution, phenology, or status useful for knowledge and conservation:
 - Already used for conservation actions
 - On line maps, multicriteria searching, exports available to participants

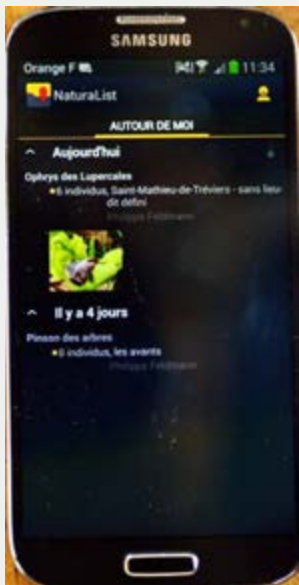


Keys to success: high level of commitment



Flowering peaks of *Himantoglossum robertianum* in 2014 and 2015

- One likely hypothesis of this rapid success, is that it provides welcome adapted services to citizens
- Citizens are central to the project
 - Ethics are quite clear
 - They decide freely how their records can be shared and used, even.... by scientists
 - How to involve them more in all steps?





Which future and the way forward?

- How can we improve these services?
In order to:
 - to maintain and develop the participation
 - to provide new tools to the citizens for them to easily get, analyze and use the information

- This has to be built by the observers
 - Their participation, through on line tools, and with thousand of people, is challenging



And now, play on!



- <http://www.orchisauvage.fr>
- English, German and Dutch language versions soon available

