



BRC4Env, un réseau de Centres de Ressources Biologiques et de collections dédié aux ressources environnementales

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BRC4Env, a network of Biological Resource Centres for environmental resources

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• The network of Biological Resource Centres BRC4Env

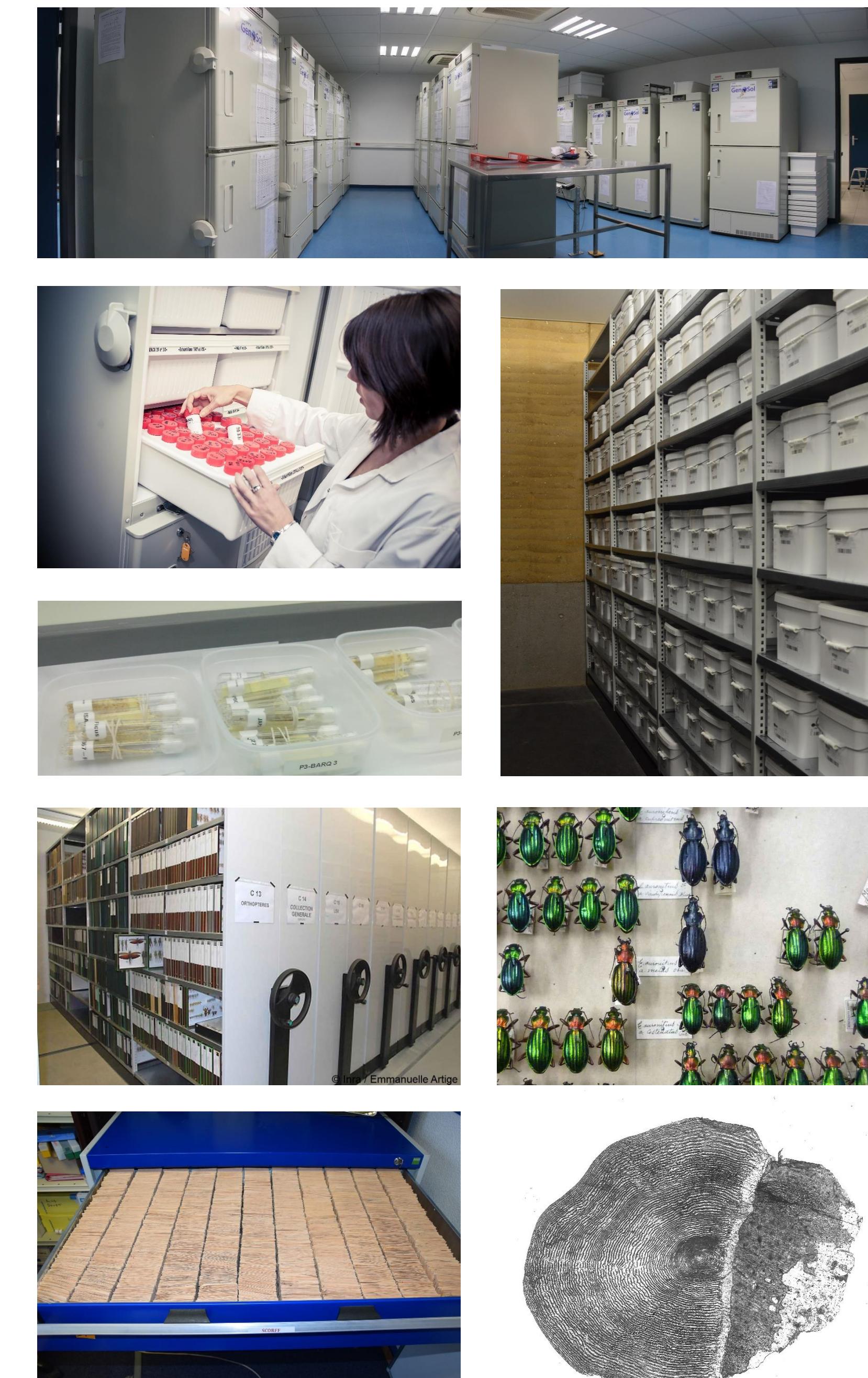
BRC4Env is a network of Biological Resource Centres and collections, one of the 5 specialized pillars of the French Research Infrastructure AgroBRC-RARe (Ressources Agronomiques pour la Recherche).

BRC4Env aims at providing a strategic delivery of agro-environmental bioresources for excellent and large-scale, fundamental and applied research in environmental and agricultural sciences in Europe. These biological and/or genomic resources are sampled from soils, sediments, waters, agricultural and forest ecosystems... and preserved in organized collections. They actually include microbial, animal (invertebrates and vertebrates) resources. BRC4Env provides these resources available for researchers from academia, but also industry, technology and additional sectors (NGOs, public society...).

• The Biological Resource Centres of BRC4Env

BRC4Env currently comprises 4 main BRCs:

- The Centre for Soil Genetic Resources of the platform GenoSol associated with the European Centre for Soil Conservation, a national BRC for soils unique in Europe for the storage and conservation of genetic resources (DNA) and soils,
- The Biological Resource Centre Egg Parasitoids Collection “EP-Coll”, that aims to collect, characterize, maintain, investigate and share egg parasitoids strains,
- The Terrestrial Arthropod Collection based insects and mites, comprising series of specimens gathered from all over the world during the last 50 years, preserved dry or in fluid and DNA extracts,
- The historical collection of fish scales and tissues “Colisa”, merging historical samples collected by various research units and long-term observatories , and by “Agence Française pour la Biodiversité”.



• Associated analytical platforms and access to ecosystems



Analytical platforms are associated to BRC4Env for sample characterization, in:

- Environmental genomics, GenoSol
- Environmental chemistry, Platinaee
- Environmental biochemistry, Biochem-Env
- Cellular et molecular imaging, Dimacell

Platinaee

Dimacell

Access to ecosystems and *in natura* sites is allowed by:

- The Research Infrastructure AnaEE-France
- The research network in ECOTOxicology-TOXicology RECOTOX



See also

- <https://www.brc4env.fr/>
- <https://doi.org/10.15454/TRBJTB>
- <https://www.pluginlabs-universiteparissaclay.fr/fr/entity/915006-the-biological-resource-centre-for-the-environment-brc4env/print>
- <http://www6.inra.fr/agrobrc-rare/>



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