



**PatriNat**

**Centre d'expertise et de données sur la nature**

## **The French Natural History Museum recruit : a marine ecology scientist to “support the international scientific coordination on marine biodiversity and non-indigenous species”**

The mission of the [Natural Heritage Unit \(PatriNat\)](#)<sup>1</sup> – a joint unit from the [Muséum National d'Histoire Naturelle \(MNHN\)](#), the [French Biodiversity Agency \(OFB\)](#), the French Scientific Research Center (CNRS) and the French Research Institute for Sustainable Development (IRD) – is to provide scientific and technical expertise for biodiversity conservation.

Within the MNHN, PatriNat is attached to the Directorate General for Research, Expertise, Valorisation and Education of the Museum (DGD REVE), and aims to provide scientific expertise on French biodiversity and geodiversity of metropolitan and ultra-marine habitats, on terrestrial and marine themes, for the past and present environment in close connection with research activities. The [Dinard marine station](#) is a research laboratory which hosts scientists from MNHN, OFB, Ifremer and Planète mer organisations, working on environmental studies, from local to national and international issues.

### **CONTEXT**

**“sustainable use of marine goods and services by present and future generations” – “regional cooperation”**

*“Marine strategies shall apply an ecosystem-based approach to the management of human activities, ensuring that the collective pressure of such activities is kept within levels compatible with the achievement of good environmental status and that the capacity of marine ecosystems to respond to human-induced changes is not compromised, while enabling the sustainable use of marine goods and services by present and future generations. [...] ‘regional cooperation’ means cooperation and coordination of activities between Member States and, whenever possible, third countries sharing the same marine region or subregion, for the purpose of developing and implementing marine strategies.” - Official Journal of the European Union, Marine Strategy Framework Directive (MSFD), 2008, Chapter 1, Art. 1, al. 3 and Art. 3, al. 9*

The European Union’s [Marine Strategy Framework Directive](#) (MSFD), implemented in France as [“Plan d’Action Milieu Marin”](#), aims to manage human activities for sustainable use of the marine environment, through ecosystem based management and risk-based approaches. This role is centred around this context, involving strong collaboration, coordination and contribution to scientific works for the development of methodological standards to monitor and assess the environmental quality status of marine biodiversity, and through the dedicated expert groups and processes of [OSPAR](#) and [Barcelona](#) Regional Seas Conventions (Northeast Atlantic and Mediterranean Seas).

According to the mandate from the French ministry of Environment, a specific direct contribution is expected on works on benthic habitats and non-indigenous species, besides the coordination of the other French national experts contributions on other marine biodiversity components. Despite huge recent progress made towards the monitoring and assessment, there is still a requirement for rigorous and scientifically supported methodological development, across multiple spatial and temporal scales, in order to produce ecologically-meaning and concrete recommendations to guide policy measures. A significant component of this work will involve reporting and communicating results, and overcoming remaining barriers and challenges in benthic habitat assessment, through strong science-policy interactions between all partnerships (see below and [EcAprHA](#) and [Nea Panacea](#) projects for examples).

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<sup>1</sup> All parts of text in blue are internet hyperlinks towards more detailed information

## MISSIONS DESCRIPTION

The selected candidate will work under the guidance and functional authority of the marine biodiversity's international scientific coordination responsible ([Laurent Guérin](#), PatriNat, Dinard) and hierarchical authority of the head of the "[Milieux Marins](#)" team ([Anne Souquière](#), PatriNat, Paris), notably to:

- assist, coordinate relevant expertise and contribute to the preparation of science-policy meetings and the actions which arise from them, as well as reporting on national MSFD, OSPAR and Barcelona Conventions for marine biodiversity, particularly for benthic habitats and non-indigenous species;
- contribute to scientific works, missions, and workshops organisation, as well as methodological development, task leading, workshop facilitating and reporting, as logistic aspects (administrative and budget management) See notably EcApRHA, Nea Panacea, and [some examples of these kinds of works](#);
- contribute to the reporting and communication of main results and actions arising from partnerships, from publishing international scientific articles to presenting findings to local stakeholder and student audiences, as well as the wider French and international communities (e.g. conferences);
- contribute to scientific projects definitions, consortia, and funding opportunity applications;

This job requires a high degree of scientific rigor and the successful candidate will work with significant autonomy under regular supervision. The successful candidate will possess team relationship-building skills, notably in project management, particularly in complying with instructions and deadlines. This role also requires significant mobility and availability, notably for frequent (monthly) international and national travels, and potentially some work at sea.

**In-house partnerships:** Other teams of [PatriNat](#), OFB and MNHN teams : [Dinard marine station](#), [DIREX](#), [DREI](#), [DRAS](#), [DSUED](#), [DAPEM](#)

**Outside partnerships:** [MTECT](#) et services de l'état, [Ifremer](#), [Pelagis](#), [GISOM](#), [IR-ILICO](#), [BRGM](#), [SHOM](#), [CNRS](#), EU Commission [EEA](#) and [JRC](#), [ICES](#), [Barcelona](#) and [OSPAR](#) Conventions' expert groups

## ADMINISTRATIVES REQUIREMENTS

Hold a PhD degree in marine ecology sciences or a Master's degree with at least three years of experience in projects management in a closely related field. Any nationality is welcome, as long as comfortable with English and/or French speaking and writing.

## REQUIRED QUALIFICATIONS

- Marine ecology scientific expertise and experience, especially related to benthic habitats and/or non-indigenous species;
- Skills and experiences with scientific animation of workshops, data computing and analysis (statistics and Geographic Information System) and scientific reports writing and summarising;
- Project management and bibliographic research skills and experiences;
- Fluency in English, to read, write and summarise documents, notably scientific articles, with a good verbal comprehension and discussion. The practice of French and the knowledge of any other language will be appreciated;
- Good relationship-building skills as assistant, team member and for the science-policy groups' coordination and workshop facilitating;
- Good knowledge on marine biodiversity methodological standards on monitoring (methods) and assessment (indicators), and of the general information provided through the hyperlinks in this position offer.

## RECRUITEMENT MODALITIES

Type of contract : **Full time fixed-term contract** under French public law

Initial duration : **9 months, with possible extension(s)**

Salary : Around **2000-2300 euros net monthly salary, depending on the profile** of the successful candidate and the institution's pay scales

Date of taking office : **as soon as possible during summer 2023**

Workplace : [Station marine de Dinard \(CRESCO\) 38 Rue du Port Blanc 35800 Dinard](#)

## JOB BENEFITS

Great opportunity to increase, diversify and strengthen your professional (and personal) networks!

Reimbursement of 50% of public transport costs or sustainable mobility package (bicycle or carpooling)

Some telework possible depending on the work cycle

[Tickets restaurant](#) (luncheon vouchers)

A social committee and a sports and cultural association with purchases, stays and actions at reduced prices

Unlimited access to the [institution's sites](#) (in Paris and all sites of France)

## RECRUITEMENT PROCESS

The application file must be submitted **before the 23<sup>rd</sup> of June 2023** to Laurent Guérin

([Laurent.guerin@mnhn.fr](mailto:Laurent.guerin@mnhn.fr)) and on the Museum's recruitment platform via this link:

<https://recrutement.mnhn.fr/offre-emploi-522.html-o=6>

This file will include:

- a 1 page motivation letter
- a 2 to 3 pages curriculum vitae
- a short list of your main publications (with hyperlinks) or any other relevant information.

For all questions related to the job, please contact Laurent Guérin ([laurent.guerin@mnhn.fr](mailto:laurent.guerin@mnhn.fr))

If your application is selected, you will be contacted for an online interview (in English+ test basic French) end June - early July. Following the interviews, the recruitment will take place to start the position as soon as possible during **summer 2023**.

