

# VEGETATION ECOLOGY AND DIVERSITY



**Towards 2030: efforts in habitat recording and the reporting cycle of the Habitats Directive - A scientific collection for habitat conservation**

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## **Contribute to the “New national and regional Annex I Habitat records”: instructions for the Authors**

The text of each NHRs must be written in English according to the editorial guidelines of the journal (<https://ved.arphahub.com/about#PrepareYourManuscript>), and sent to the email address: **nhr.ved@gmail.com**

**Each paper will include a maximum number of 10 NHRs.** Proposed records will be preliminarily checked by the TC Editors. Once gathered 10 valid contributes (first-come, first-served basis), a single manuscript will be assembled and sent to all the participating authors and then submitted, with the names of all the contributors. Each single NHR can carry a maximum of 3 co-author names. The costs of publication will be shared among the authors.

The **deadlines** for submitting the Annex I habitat records have been set as follows: **January 31, May 31, and September 30.**

**Proposals of NHRs are accepted only when they refer to first occurrence in EEA 10 km x 10 km Reference grid cell(s)** (<https://www.eea.europa.eu/en/datahub/datahubitem-view/3c362237-daa4-45e2-8c16-aaadfb1a003b>) **where the Annex I Habitat was formerly not known** (with reference to the last EU Reporting Cycle, available online at <https://cdr.eionet.europa.eu/> - select your country from the ‘EEA Member countries’, select ‘European Union (EU) obligations’, select ‘Habitats Directive: Report on Implementation Measures’, till you reach the download area with the georeferenced files "COUNTRY\_Art17\_habitats\_distribution").

Reports from any part of Europe are welcome for inclusion, provided they are supported by robust phytosociological data (at least 3 relevés) and references, as well as precise geographic and cartographic details.

## **The following fields are requested for the publication of a valid NRH.**

**Contributors:** Author(s) and Autor(s)' affiliation(s). The maximum number of Authors allowed is three for each NHR.

**Habitat's Code and Name:** official reference from Annex I to the Directive 92/43/EEC and further updates.

**EUNIS Classification system:** Correspondence of the reported Annex I habitat with the most updated EUNIS habitat classifications (e.g. EEA 2022 - EUNIS marine habitat classification review 2022, EEA 2021 – EUNIS terrestrial habitat classification review 2021, and EUNIS habitat classification 2012 for habitat types still not revised). These references are available at: <https://eunis.eea.europa.eu/habitats.jsp>.

**Biogeographical Region:** according to the official delineations used in the Habitats Directive 92/43/EEC (<https://www.eea.europa.eu/en/datahub/datahubitem-view/11db8d14-f167-4cd5-9205-95638dfd9618>).

**National Habitat Checklist of reference:** indicate the National Annex I Habitat Manual, or analogous official sources in use in the country of reference (e.g., for Italy, refer to the Italian Interpretation Manual of the Directive 92/43/EEC Habitats).

**Phytosociological reference:** Indicate the phytosociological reference frame used for the interpretation of the reported relevés, at least at the alliance level, including the bibliographic source for syntaxonomy and nomenclature (e.g. the European vegetation classification of Mucina et al., 2016).

**Geographic information:** State, Region, Province, locality, altitude, and geographic coordinates - in the form of WGS84 (EPSG: 4326) Decimal Degrees (DD) with 6 decimals - of each relevé, coherently with the header data in the presented phytosociological table.

**Cell ID in the EEA reference grid:** ID of the cell in the EEA 10 km x 10 km Reference grid (available at <https://www.eea.europa.eu/en/datahub/datahubitem-view/3c362237-daa4-45e2-8c16-aaadfb1a003b>) where the habitat is reported (e.g. 10kmE407N244).

**Natura 2000 Site Code:** when the NHR falls inside the perimeter of a Natura 2000 Site, the Site's code and name should be reported; if not, specify that the occurrence is currently not included in any Natura 2000 Site.

**Phytosociological table:** a **minimum of 3 unpublished relevés**, including the reference source for taxa nomenclature; published relevés can also be used, as long as they refer to a new EEA 10 km x 10 km cell: in this case, it is enough to provide a precise reference to relevés number(s), table number and bibliographic source. The presented phytosociological table must contain species abundance values in each relevé (preferably based on the modified Braun-Blanquet scale, i.e. including the values "2a", "2b" and "2m", see Barkman J.J., Doing H., Segal S., 1964. Kritische Bemerkungen und Vorschläge zur quantitativen Vegetationsanalyse. Acta Bot. Neerl., 13: 394-419) as well as the descriptors of the stands as header data [at least: relevé number, cell ID, latitude, longitude, date of the survey, area (m<sup>2</sup>), altitude, aspect, slope, total cover of the vegetation (%)]. The species should be grouped to indicate the different categories of diagnostic, character or differential species, and ordered within each group by frequency values; in addition, the reference plant species of the habitat in the country of reference must be marked with a "∧".

**Notes** (max 400 words): it is **mandatory** to provide a characterization as accurate as possible of the Annex I habitat in its site of occurrence, including when possible its total surface area and underlining, if present, any pressures and threats affecting it.

**Photos:** at least one original picture of the reported Annex I habitat is **strongly recommended**; specify the Author of the shooting and the locality. Resolution 600 dpi. Accepted formats: .png (preferred format), .jpg, .tiff and similar.

**References:** Follow the editorial Guidelines of VED, available at <https://ved.arphahub.com/about#PrepareYourManuscript>

Authors can take as model the NHR most recently published.