**Explanatory Notes and Guidelines**

**Reporting under Article 24(1) of Regulation (EU) No 1143/2014 on invasive alien species**

**for the period 2019–2024**

Field-by-field guide

# - Member State

This part concerns the Member State.

# – Reporting period

The reporting period is from 1 January 2019 to 31 December 2024.

It must be noted that both fields 0.1 and 0.2 do not require to be filled in while reporting, as in Reportnet 3.0 platform each Member State has a specific folder and each reporting period a separate dataflow.

SECTION A – IAS of Union and regional concern

Questions under Section A should be completed for each of the invasive alien species included on the **Union list** referred to under Article 4(1) of Regulation (EU) No 1143/2014 in force by the end of the last calendar year covered by the report (31 December 2024).

The questions under Section A also refer to the invasive alien species of **regional concern** and should be completed for each relevant species listed as of Article 11(2) of Regulation (EU) No 1143/2014 for which, by the end of the last calendar year covered by the report (31 December 2024), an implementing act pursuant to Article 11(2) of Regulation (EU) No 1143/2014 has entered into force. For the invasive alien species of **regional concern**, only questions 1 to 5 and 14 to 22 shall be completed. Since there are no invasive alien species of regional concern pursuant to Art. 11(2) of Regulation (EU) No 1143/2014 in force within the current reporting period, no information is requested for this type of species for reporting in 2025.

For the report due by 1 June 2025, this includes reporting from 1 January 2019 to 31 December 2024 for 87 species (Implementing Regulations 2016/1141, 2017/1263, 2019/1262 and 2022/1203). Note that for *Fundulus heteroclitus*, *Pistia stratiotes* and *Xenopus laevis*, the reporting period covered is from 2 August 2024 to 31 December 2024. For the species in the Commission Implementing Regulation (EU) 2022/1203 the obligation to report concerns the year of inclusion in the Union list and the subsequent years. The oriental bittersweet *Celastrus orbiculatus* enters the Union list on 2 August 2027 and therefore is excluded from the current reporting period.

Please note that the provisions on IAS of Union concern do not apply in outermost regions[[1]](#footnote-2).

# Question 1 - scientific name and code

Enter the EASIN species identifier (code) as provided in the list of IAS of Union concern, available on the [Reference Portal](http://cdr.eionet.europa.eu/help/ias_regulation). The species code is linked to the species scientific (Latin) name in Reportnet 3.0. The codes and scientific names will appear as a drop-down list in all tables where the code of IAS of Union concern is required.

# Question 2 - common name

— *Optional*: Provide the common (vernacular) name(s) of the species in any of the national language (s) of the Member State.

**Usage of non-default common names:** If you use a common name that is not in the relevant lists in the Reference Portal, include the language code in square brackets using the Eurostat code for EU official languages.

Example 1: [Hrouzkovec malý;](http://www.fishbase.se/ComNames/CommonNameSummary.php?autoctr=223991) [Hrouzkovec síťkovaný](http://www.fishbase.se/ComNames/CommonNameSummary.php?autoctr=223992)

Example 2: Goujon asiatique [FR]; [Blaubandbärbling](http://www.fishbase.se/ComNames/CommonNameSummary.php?autoctr=9156) [DE]; Stone moroko [EN]; Topmouth gudgeon [EN]

# Question 3 - presence

Indicate the status of presence of the species in the territory of the Member State (excluding the outermost regions where applicable) during the reporting period by choosing one of the options below

a) “**Yes, currently present in the environment**: The species is reported to be currently present in the Member State’s environment, including semi-natural environments such as cities, urban parks, and gardens, etc.

The species can be either:

* *Permanently present in the environment* - populations or individuals that are permanently present, and they can be reproducing, or not reproducing.
* *Temporarily present in the environment* – individuals or populations that are ephemeral or temporary (e.g. because temperatures outside their physiological tolerance) but are recurrently present in the environment (e.g. through immigration from neighbouring or close-by country, due to repeated introductions or due to migration patterns). They can be reproducing or not reproducing.

b) “**Yes, present in the environment** **within the reporting period, but now confirmed absent**: The species was present in the Member State in the environment at some point during the reporting period, but is now confirmed absent (e.g., due to successful eradication, or disappearance due to temperatures outside their physiological tolerance). Further explanations can be provided in the free text field under Question 5.

c) “**Yes, present in contained holding:** The species is currently or has been documented to be present in the Member State in contained holding (e.g., in captivity, private collections, and zoos) during the reporting period. This option is applicable if the information is readily available, particularly for species under transitional periods or with permits issued before or during the current reporting period. This option can be selected simultaneously with the options “Yes, currently present in the environment” or “Yes, present in the environment within the reporting period, but now confirmed absent.

d) “**Not present:** There is no evidence of the species’ presence during the reporting period.

e) “**Uncertain or unknown:** There are uncertainties about the actual presence status of the species, such as unverified reports. Provide an explanation under Question 5.

# Question 4 – distribution, status, introduction, spread and reproductive patterns

## Question 4a. Distribution maps

If you selected “Yes, currently present in the environment” for Question 3, provide a file with data on the species’ distribution (“distribution map”) applying the INSPIRE Directive 2007/2/EC. This file should use the spatial object types defined in Section 18 of Annex IV (“Species Distribution”) of Regulation (EU) No 1089/2010 implementing that Directive.

Distribution map requirements:

The distribution map should provide information about the current occurrences of the species. Earlier observations of the species made before the reporting period should only be included if there are reasons to assume that the species could still be present in these areas.

The distribution should be based on the surveillance system as provided for in Article 14(1) of Regulation 1143/2014 and any other sources the Member State decides to use.

Distribution information available in EASIN can be used as an additional source of data for the preparation of the national distribution maps.

The Reportnet 3.0 platform introduces a streamlined approach for submitting geospatial information. The new method simplifies this process by allowing the submission of spatial data in tabular format (.csv or .xlsx). For those Member States that rely on legacy geospatial formats, the platform still supports the submission of geospatial data (e.g., shapefiles or geopackages).

For further details please refer to the ‘IAS Reporting Manual’ available in the [Reference Portal](http://cdr.eionet.europa.eu/help/ias_regulation).

**Question 4b. Species reproductive status**

If you selected “Yes, currently present in the environment” for Question 3, indicate the reproductive status of the species in the wild within the Member State by choosing one of the following options:

1. **Self-sustaining population(s) exist:** At least one population exists in the wild that reproduces regularly and at a level sufficient to be self-sustaining.
2. **Reproduction occurs, but is limited or occasional:** At least one population (or a group of individuals) exists in the wild with limited or occasional reproduction, but not regularly and not at a self-sustaining level.
3. **Reproduction does not occur:** No reproducing individuals exist in the Member State. Populations sustained in the wild due to dispersal from another Member State and/or repeated introductions.
4. **Reproduction does not occur but is likely in the near future:** No reproducing individuals currently exist in the Member State, but it is expected that reproduction may occur in the near future(e.g., due to changing climate).
5. **Unknown reproductive status:** The reproductive status of the species within the Member State is uncertain or unknown during the reporting period.

The reproductive status refers to the situation during the reporting period (2019-2024). If the species reproduced in the Member State prior to the reporting period, but does not currently do so, select "Reproduction does not occur" and provide further clarifications in the additional information field (see Question 5). If the species can potentially reproduce in the Member State but has not done so yet, select "Reproduction does not occur but is likely in the near future." The near future is deemed as the next reporting period (2025-2030).

## Question 4c. Reproductive patterns

Complete this question only if you selected "Self-sustaining population(s) exist" or "Reproduction occurs, but is limited or occasional" in Question 4b. Indicate the reproductive patterns of the species by selecting one of the following categories:

1. **Sexual:** The species reproduces sexually.
2. **Asexual:** The species reproduces asexually.
3. **Both (sexual and asexual):** The species reproduces both sexually and asexually.
4. **Unclear (sexual or asexual):** It is unclear whether the species reproduces sexually or asexually.

## Question 4d. Introduction patterns

Select at least one category from (b), (c), (d), (e), or (f) to describe how the species was introduced into the Member State during the reporting period (2019-2024). Multiple selections from (b), (c), and (d) are allowed. Option (a) can be selected together with any other category. Provide more details of your selections under Question 5 if possible.

1. The species was already introduced into the Member State before the start of the reporting period.
2. During the reporting period, the species was predominantly introduced into the Member State through natural dispersal from a neighbouring/close-by country
3. During the reporting period, the species was predominantly introduced into the Member State through unintentional human assistance
4. During the reporting period, the species was predominantly introduced into the Member State through intentional human assistance
5. It is unknown how the species was introduced into the Member State during the reporting period
6. There is no evidence of new introductions into the Member State during the reporting period

While intentional human assisted introduction of IAS of Union concern is prohibited under the EU IAS Regulation, this might still have occurred during the reporting period for species added to the list of Union concern during the reporting period, or in case of illegal movements.

If you selected options (c) or (d), it is recommended to mention the codes of all the relevant pathway categories involved in the species introductions under Question 5 using the pathway classification in the Reference Portal.

**Question 4e.** **Spread patterns**

Select at least one of the categories (a), (b), (c), (d), and (e) to describe how the species spread within the Member State during the reporting period (2019-2024). Multiple selections for categories (a), (b) and (c) are allowed and should preferably be explained under Question 5.

1. During the reporting period, the species predominantly dispersed within the Member State through natural dispersal.
2. During the reporting period, the species predominantly dispersed within the Member State through unintentional human assistance.
3. During the reporting period, the species predominantly dispersed within the Member State through intentional human assistance.
4. It is unknown how the species dispersed within the Member State during the reporting period.
5. There is no evidence of dispersal within the Member State during the reporting period.

Although the spread of IAS of Union concern through intentional human assistance is not allowed according to the EU IAS Regulation, this might still occur during the reporting period for species added to the list of Union concern during the reporting period, or in case of illegal movements.

If you select options (b) or (c), it is recommended to mention the codes of all the relevant pathways categories involved in the species spread under Question 5 using the pathway classification in the Reference Portal.

# Question 5 - additional information on species presence, distribution, status, introduction, spread and reproductive patterns

* *Optional*: Provide any additional information, comments, or explanations relevant to Questions 1 to 4 (i.e., presence, reproductive status, introduction patterns, and spread patterns) of the species in the Member State during the reporting period.

Details to include:

Additional information on the number or status of the various populations of the species present in different areas or regions of the Member State.

Important information regarding the distribution maps submitted for the species, including sources of information used to compile the data.

If the species has entered the Member State through natural dispersal from a neighbouring or close-by country (answer (b) under question 4d.), indicate the name(s) of the country or countries.

If the species has spread from the Member State into any other Member State, indicate the name(s) of the country or countries.

Indicate the codes of the relevant pathways in case of introduction or spread during the reporting period through unintentional or intentional human assistance, using the pathway classification in the Reference Portal.

# Question 6 - permits issued

The question is only for IAS of Union concern

Indicate “**Yes**” if permits as referred to in Articles 8(2) and/or 9(6) of Regulation (EU) No 1143/2014 were issued in relation to the species during the reporting period (2019-2024); otherwise indicate “**No**”.

Important note: Permits issued in a previous reporting period should be reported as “Yes” only under Question 7 below.

# Question 7 - additional valid permits

The question is only for IAS of Union concern

Indicate “**Yes**” if any additional permits as referred to in Articles 8(2) and/or 9(6) of Regulation (EU) No 1143/2014 are valid within the current reporting period (2019-2024) and were issued in a previous reporting period. Otherwise, indicate “**No**”.

Details to consider:

A permit is valid for each calendar year for which a permit has been issued.

A permit may have been issued before the current reporting period and be valid for multiple years, including during the current reporting period. In this case, it should not be reported as issued under Question 6, but as valid in the respective years (under Question 7).

A permit issued in the current reporting period (2019-2024) and which would be valid for the current reporting period should be reported as “Yes” under Question 6.

# Question 8 - information on permits

The question is only for IAS of Union concern

Answer this question only if the response to Questions 6 and/or 7 is “Yes” (i.e., if permits have been issued or additional permits are valid for the calendar years covered by the report).

For each calendar year covered by the report (2019-2024), select the purpose of permits - the exact purpose for which the permit has been issued, by choosing through a drop down menu, one of the following options:

* Permits for research
* Permits for *ex situ* conservation: the conservation of components of biological diversity outside their natural habitat. Note that this does not include purposes such as non-lethal management measures, or transitional provisions for non-commercial owners, for which Regulation (EU) 1143/2014 does not require a permit (as none of these permits allow reproduction). Also, collecting of IAS from, for example, pet owners to prevent them from being released, does not fall under *ex-situ* conservation.
* Permits for scientific production and subsequent medicinal use to advance human health
* Permits for other activities after authorisation by the Commission (Article 9 of Regulation (EU) No 1143/2014): this includes reasons of compelling public interest, including those of a social or economic nature.

For each category of purpose, select the type of the permit (‘**Issued’** for issued during the current reporting period or ‘**Valid’** if valid during the current reporting period through a drop down menu). Then indicate the total number of issued or valid permits referred to in Article 8 of Regulation (EU) No 1143/2014 for the calendar year concerned.

The calendar year concerned means the calendar year within the current reporting period (2019-2024) that the permit(s) are still valid

For each selection, indicate the corresponding total number of individuals/specimens or concerned volumes covered by these issued/valid permits, including the measurement unit (m2, number of specimens, kg, kg of seeds, litres.).

A permit issued for several years should be accounted for:

* + under “number of permits issued in this reporting period” for the calendar year during which it was issued
  + under “number of additional valid permits issued in a previous reporting period ” for the calendar year(s) over which it is still valid.

If a permit has been issued for the same species with different units (e.g., 5000 specimens and 3 kg of seeds for a plant), the relevant field with the measurement unit should be chosen (among: m2, kilograms (kg), kilograms (kg) of seeds, number of specimens or individuals, litres (l)), and the relevant number in the corresponding unit should be added. This is illustrated in the example below.

Example: For a given species, 10 permits for research are issued in 2020 that are valid until 2021 for a total of 5000 specimens and 3 kg of seeds. Furthermore, 3 permits for research are issued in 2021 that are valid until 2022, for a total of 3000 specimens and 2 kg of seeds. Another 5 permits for scientific production and subsequent medicinal use are issued in 2016 that are valid until 2025 for a total of 10000 specimens and 8 kg of seeds. This should be structured as below:

| Calendar year | Purpose of permit | Number of permits issued in the  calendar year within this reporting period | Number of additional permits valid in the calendar year but issued in a previous reporting period | Total number of individual/specimens or concerned volume corresponding to the  permits issued in the calendar year | | Total number of individual/specimens or concerned volume corresponding to the permits valid in the calendar year, but issued in previous years |
| --- | --- | --- | --- | --- | --- | --- |
| 2020 | Permits for research | 10 | 0 | 5000 specimens | |  |
| 3 kg of seeds | |  |
| 2021 | Permits for research | 3 | 10 | 3000 specimens | | 5000 specimens |
| 2 kg of seeds | | 3 kg of seeds |
| 2022 | Permits for research | 0 | 3 |  | | 3000 specimens |
|  | | 2 kg of seeds |
| 2019 | Permits for scientific production and subsequent  medicinal use | 0 | 5 |  | | 10000 specimens  8 kg of seeds |
| 2020 | Permits for scientific production and subsequent  medicinal use | 0 | 5 |  | | 10000 specimens  8 kg of seeds |
| 2021 | Permits for scientific production and subsequent  medicinal use | 0 | 5 |  | | 10000 specimens |
|  | | 8 kg of seeds |
| 2022 | Permits for scientific production and subsequent  medicinal use | 0 | 5 |  | | 10000 specimens |
|  | | 8 kg of seeds |
| 2023 | Permits for scientific production and subsequent medicinal use | 0 | 5 |  | 10000 specimens | |
|  | 8 kg of seeds | |
| 2024 | Permits for scientific production and subsequent medicinal use | 0 | 5 |  | 10000 specimens | |
|  | 8 kg of seeds | |

# Question 9 - permits withdrawn

The question is only for IAS of Union concern

Answer this question only if the response to questions 6 and/or 7 is “Yes” (i.e., if permits have been issued or additional permits are valid for the calendar years covered by the report).

If any issued or valid permit was withdrawn during the reporting period, indicate the purpose of the withdrawn permit from a drop-down menu, i.e. i) research, ii) *ex situ* conservation, iii) scientific production and subsequent medicinal use to advance human health, iv) other activities after authorisation by the Commission (Article 9 of Regulation (EU) No 1143/2014). More than one option can be selected. Then, indicate the number of permits withdrawn permanently and the number of permits withdrawn temporarily (suspended permits should be reported as temporarily withdrawn). Report the total quantity (number of individuals/specimens, volume or weight (m2, kg, kg of seeds, specimens, l)) for withdrawn permits, separately for permanent and temporarily withdrawn permits.

Details on the affected permits and reasons for withdrawal can be provided as additional information in Question 11 (optional).

# Question 10 - Information on permits publicly available

The question is only for IAS of Union concern

This question only needs to be answered if the response to Question 6 is “Yes”, i.e. if permits have been issued for the calendar years covered by the report.

For all permits issued per species altogether, please select one or more options in case the type of information requested in Art. 8(7) was made publicly available on the Internet without delay (e.g. select ‘common name’ in case this information was made available on the Internet). In case some information was not provided for all permits, then select the relevant option and provide details on the reasons why this could not be done, and for which permits in Question 11. The relevant web links where information on the Internet regarding the permits issued can be found, should also be provided.

# Question 11 – additional information on permits

*Optional*: Provide any additional information considered necessary and useful to explain the answers to Questions 6 to 10. The question is only for IAS of Union concern.

Details to include:

Additional details on the permits, including reasons for withdrawal and reasons for not being made publicly available (if applicable).

Specific reasoning for requesting the permits (e.g., topic or goal of scientific research).

Information about the authority issuing the permit.

Please ensure that the information presented in the questions above is consistent with the reporting of Art. 15. Explain any discrepancy here.

# Question 12 – information on inspections

Answer this question only if the response to questions 6 or 7 is “Yes” (i.e., if permits have been issued or additional permits are valid for the calendar years covered by the report).

Details to include:

For each calendar year covered by the report (2019-2024), provide information in relation to the inspections required under Article 8(8) of Regulation (EU) No 1143/2014. The focus of inspections is on the establishments, not the permits themselves.

If inspections were carried out to ensure that establishments comply with the conditions set out in those permits issued, select the permit purpose category from a drop down list (permits for research, permits for *ex situ* conservation, permits for scientific production and subsequent medicinal use to advance human health, permits for other activities after authorisation by the Commission (Article 9 of Regulation (EU) No 1143/2014)) and then select if the establishments refer to the total number or the ones that are non-compliant. Then, provide the relevant number of inspected establishments and the quantity concerned (m2, kg, kg seeds, specimens, l). Repeat for every relevant permit purpose category and type of establishments.

If permits have been issued for the same species with different units (e.g., 5000 specimens and 3 kg of seeds for a plant), make separate entries for the number of individuals/specimens and the concerned volume permitted.

Example:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | Purpose of permit | Number of establishments subjected to the inspections | Number of individuals/specimens or volume concerned corresponding to the permits held by the inspected establishments | Number of inspected establishments deemed non- compliant with the conditions set out in the  permits | Number of individuals/specimens or volume concerned corresponding to the permits held by the inspected establishments deemed non-compliant with the conditions set out in the permits |
| 2020 | Permits for research | 10 | 20 specimens | 2 | 3 specimens |
| 2020 | Permits for research\* | 12 | 10 specimens | 1 | 20 specimens |
| 2021 | Permits for *ex situ* conservation | 15 | 5000 specimens | 1 |  |
| 3 kg of seeds | 1 kg of seeds |

*“Number of individuals/specimens or volume concerned corresponding to the permits held by the inspected establishments”*

and

“*Number of individuals/specimens or volume concerned corresponding to the permits held by the inspected establishments deemed non-compliant with the conditions set out in the permits”*

correspond to the number or volume specified in the respective permits, and not the actual number or volume found during the inspection.

The 1st row in the example above reflects the situation where in 2020:

* 10 establishments with a permit for research were submitted to inspection;
* these 10 establishments had collectively permits corresponding to a maximum number of 20 specimens in total;
* 2 of the 10 inspected establishments were found non-compliant with the conditions set out in the permits;
* these 2 non-compliant establishments had permits corresponding to a maximum of 3 specimens in total (e.g. one establishment had permission for a maximum of 1 specimen and the other a maximum for 2 specimens).

\*The 2nd row in the example above is **an incorrect entry**: the number of the specimens corresponding to the permits of non-compliant establishments must be lower or equal to the number corresponding to the permits of all inspected establishments.

The 3rd row in the example above reflects the situation where in 2021:

* 15 establishments with a permit for *ex situ* conservation were submitted to inspection;
* these 15 establishments had collectively permits corresponding to a maximum number of 5000 specimens and 3 kg of seeds in total;
* 1 of the 15 inspected establishments was found non-compliant with the conditions set out in the permits;
* this 1 non-compliant establishment had a permit corresponding to a maximum of 1 kg of seed (permit not covering any specimens).

# Question 13 – additional information on inspections

*Optional*: Provide any additional information considered necessary to explain the answer to Question 12.

Details to include:

Elaborate on the reasons for the absence of inspections, if applicable, and any planned actions to address this.

In case of non-compliant establishments, explain why they were not compliant with permit conditions.

Report whether any subsequent inspection was held, as well as any information on compliance in subsequent years, as appropriate.

# Question 14 – rapid eradication measures

Answer with “**Yes**” if rapid eradication measures according to Art. 17 of the Regulation have been executed in relation to the species during the reporting period (2019-2024). Otherwise answer with “**No**”.

Ensure that the reported measures pertain specifically to rapid eradication under Art. 17, and not to the species management as of Art. 19. Answer with “**Yes**” even if there is no early detection notification in NOTSYS, but measures according to Art. 17 of the Regulation are taken.

# Question 15 – rapid eradication measures – details and impacted non-targeted species

Answer this question only if the response to question 14 is “**Yes**”.

Note that invasive alien species of regional concern which are native to a Member State shall not be subject to the provisions of Art. 17 in the territory of that Member State, hence in those cases no reply is needed here. To be noted that species of regional concern will not be reported in 2025.

**15a. Geographical coverage of rapid eradication measures**

Answer with “**Yes**” if the rapid eradication measures covered the entire distribution area of the species in the Member State. Otherwise, answer with “**No**”, if the species is present in areas of the Member State where rapid eradication measures have not been taken.

**15b. Early detection** **notified** **without delay**

Answer with “**Yes**” if theearly detection of the species on the territory was notified to the Commission and other Member States without delay through NOTSYS. Otherwise answer with “**No**”.

If early detection was notified without delay in some cases (but not all), answer with “Yes” and provide additional details under Question 16.

## 15c. Measures applied within three months

Answer with “**Yes**” if the rapid eradication measures were applied within three months after the transmission of the early detection notification. Otherwise, answer with “**No**”.

If rapid eradication measures were applied within three months in some cases (but not all), answer with “Yes” and provide additional details under Question 16.

## 15d. Measures notified

Answer with “**Yes**” if the rapid eradication measures applied were notified to the Commission, and the other Member States informed, through NOTSYS. Otherwise, answer with “**No**”.

If rapid eradication measures were notified in some cases (but not all), answer with “Yes” and provide additional details under Question 16.

## 15e. Effectiveness of measures notified

Answer with “**Yes**” if the effectiveness of the rapid eradication measures taken and/or potential eradication of the species were notified to the Commission and the other Member States informed through NOTSYS. Otherwise, answer with “**No**”.

If the effectiveness of the measures was notified in some cases (but not all), answer with “Yes” and provide additional details under Question 16.

**Questions 15f-l.**

Provide detailed information for each distinct population (or individuals, if a population was not present) for which rapid eradication measures were undertaken.

Details to include:

Group distinct populations/management units of the species that were addressed by the same rapid eradication measure(s) in accordance with Art. 17 of Regulation (EU) No 1143/2014. If different populations/management units are addressed by different measures, or if the effectiveness of the measure varied, submit information separately for each such population/management unit. In this case, fill in the form for questions 15f-l for each population/management unit as necessary.

Use the rapid eradication measures information available in NOTSYS and the Reference Portal as a basis for the reply to this question, but provide information also if there was no early detection notification through NOTSYS. Ensure consistency between the information provided through NOTSYS and the present report to avoid discrepancies in data.

The reporting mechanism allows for the addition of as many distinct populations as needed. Each distinct population can be allocated a different name (e.g. population #1, population #2, etc.).

## 15f. Measure(s)

## Starting date

* Indicate the starting date of the rapid eradication measure(s) within the reporting period. Do not report the date of the notification of detection of the species here.

Provide the starting date in the YYYY-MM-DD format.

If the starting date of the rapid eradication measures is before the start of the reporting period, use the date 2019-01-01 and provide further explanations in Question 16.

**Estimated end date of application of measure(s)**

* Indicate whether the application of the rapid eradication measures has been finalised or is still ongoing by selecting one of the following options from a drop-down menu. In a separate field provide the relevant date in the YYYY-MM-DD format if one of the first two options is selected:
  + Finalised. Actual end date
  + Ongoing Estimated end date
  + Ongoing Undetermined end date

If necessary, provide additional explanations under Question 16.

1. **Part of the territory**: Indicate the part of the Member State's territory in which the measure(s) are implemented, (e.g., country, region, province, city, or another appropriate administrative unit). In a separate field provide the relevant NUTS unit. Use the provided list of NUTS codes to select all options necessary to specify the most precise location of the implemented measures.
2. **Biogeographical region(s):** If relevant, indicate the biogeographical region(s) within this part of the territory, following the Directive 92/43/EEC provisions. Use the biogeographical regions codes available in the Reference Portal. This applies to terrestrial and freshwater species.
3. **River basin sub-unit(s):** If relevant, indicate the river basin sub-unit(s) where the measures are applied, following the Directive 2000/60/EC[[2]](#footnote-3) provisions. Use the river basin sub-unit codes available in the Reference Portal. For freshwater species, provide both the biogeographical region(s) and the river basin sub-unit(s).
4. **Marine sub-region(s):** If relevant, indicate the marine sub-region(s) where the measures are applied, following the Directive 2008/56/EC[[3]](#footnote-4) provisions. Use the marine sub-region(s) codes available in the Reference Portal.

**Additional details on the populations subjected to the measures**

* Provide further information on the extent, surface area and/or specific location addressed by the rapid eradication measures. If the measures reported involve more than one population, include details on each population covered.
* Ensure that your description does not exceed 300 words.

## 15g. Methods used

– *Optional*: Specify the method(s) used for the rapid eradication measures. At least one of the following options (a-d) should be selected. More than one option can be selected if different methods have been used in combination under the same rapid eradication action.

(a) Mechanical/Physical

(b) Chemical

(c) Biological

(d) Other

If “Other method” is selected, please provide an explanation in the section below.

**Additional details on the method(s) used to rapidly eradicate the species**

* Provide additional details about the methods used for the rapid eradication actions. For example, if option (a) mechanical/physical is selected, indicate at least one specific method used (e.g., traps, hand removal). For animal species, if different methods are used to first capture and then kill the animals captured, please describe both methods here.
* Indicate whether the methods used were lethal or non-lethal, or both.

## 15h. Effectiveness of the method(s)

* Assess the effectiveness of the methods applied for implementing the rapid eradication measures in relation to the specific geographically discrete population(s) targeted by selecting one of the following options:

(a) Eradicated (complete and permanent removal of all individuals)

(b) Temporarily eradicated (individuals reinvaded the area after successful eradication)

(c) Partially eradicated (reduction in the number of individuals, but some still present)

(d) No effect (no reduction in the number of individuals or number of individuals still increasing)

(e) Unknown

For a population to be considered eradicated (a), there must be certainty that no individuals have been found in the target area following an aftercare/post-eradication surveillance period, the duration of which will depend on the targeted species and area. Select option (b) if no individuals were found in the area for a certain period, but follow-up surveillance activities detected individuals again. In case option (e) is selected, provide details under Question 16 (e.g. if this was because measures are still ongoing or for any other reasons).

## 15i. Side effects of the method(s) applied

## Report on negative side effects deriving from the application of the method(s). Select at least one of the options provided; options (a), (b), (c) can be simultaneously selected.

## a) Negative impact on the habitats/environment

## b) Negative impact on non-targeted species

## c) Negative impact on human health

## d) No negative impact observed

## e) Unknown

In case any of the options (a), (b), (c) are selected, for each of the selected options, the type of negative impact(s) on the respective elements can be described in Question 16. This could refer to either direct or indirect impacts upon these components.

Note that this only refers to the side effects caused by the application of the method(s) themselves. In case different methods were used for the same geographically discrete population targeted, ensure that details on the methods that contributed to the specific impact(s) described are clarified in Question 16.

## 15j. Impacted non-targeted species

* To be answered only if the answer to Question 15i. above includes option “b) Negative impact on non-targeted species”.
* If possible, provide the scientific name(s) of all the non-targeted species impacted negatively by the measure(s), separated by semi-colon.

For the scientific name of the species / taxa, global taxonomical references (e.g. Catalogue of Life, Eur+Med PlantBase, Plants of the World), regional or national databases (e.g. DynTaxa in Sweden, TaxRef in France) or GBIF’s taxonomic backbone should be used.

If the impact relates to a higher taxonomic level (e.g. birds, crayfish) or a non-taxonomic group of species (e.g. grassland species, soil-fauna), it is not necessary to list all scientific names of impacted species, instead report the higher taxonomic level (e.g. Aves, Astacidae) or the ecological group (in English).

## Impact per species

* For each of the impacted non-targeted species indicate the type of observed negative impacts. This could be direct (e.g. unintentional trapping of non-targeted species, or degradation of a species habitat) or indirect (e.g. impact on non-targeted species feeding on poisoned targeted species) impacts. If the observed negative impacts relate to a higher taxonomic level, this information can be provided for this group. The impact has to be given for each of the entries made for ‘Impacted non-targeted species’. Please begin the description of the impacts with the name of the species/higher taxonomic level, so that it is clear to which species/taxa the impact refers to. Separate the impacts of each species/higher taxonomic level from the next one with semi-colons.

**15k. Measures to spare animals any avoidable pain, distress or suffering**

* To be answered only if this section is being filled in for rapid eradication measures targeting invasive alien animal species of Union or regional concern (to be noted that species of regional concern will not be reported for the 2019-2024 reporting period).

Respond “**Yes**” if any kind of measure was undertaken before, during or after the application of the rapid eradication method(s) to spare animals of any avoidable pain, distress or suffering; otherwise, respond “**No**”.

**Additional details on the measures undertaken to spare animals any avoidable pain, distress or suffering**

* *Optional*: Provide additional details on the measures undertaken to spare animals any avoidable pain, distress or suffering before, during or after the application of the rapid eradication measures. If the answer to the question above is “**No**”, please provide a rationale for this. If the answer to the question above is “**Yes**”, provide additional details on the specific measures undertaken, including details on how animal welfare was taken into consideration while implementing the measures. For example, if traps were used to capture animals, indicate how often they were checked, which steps were taken to guarantee that animals trapped inside did not get injured or spent unnecessarily long time in them, and what was done to then cause immediate death with no suffering.

**15l. System to monitor effectiveness**

* *Optional*: Describe the system or tools used by the Member State to monitor the effectiveness of the rapid eradication measures (including the impact on non-targeted species or their habitats). Please mention if the surveillance system provided for in Art. 14 was used to this effect. Even if the system was not effective, please describe it here.
* Ensure that your description does not exceed 300 words (2500 characters).

# Question 16 – additional information on rapid eradication measures

* *Optional*: Provide any additional information considered necessary or useful to explain the answers to Questions 14 and 15. Elaborate in particular on the reasons for absence of measures (in case there was an early detection notification through which these should have been taken) and on any actions planned to continue into the future.

If possible, provide additional details on the number of individuals removed when applying the method(s) in the specific managed area, the numbers of different life stages removed, etc.

Any difficulties, or barriers found to rapidly eradicating the species, or reasons for low effectiveness of measures, should be reported here. This should be done particularly in the cases where the species has been temporarily eradicated, partially eradicated or if the measures had no effect. Also clarify if the initial population spread (e.g. if further populations appeared in the meantime), and/or if the rapid eradication attempt was done one or more times.

Provide here details on the specific methods that contributed to the negative side effects and impact(s) described under Questions 15i and 15j, in case different methods were used for the same population. Information on potential (not realised) negative impacts of the method(s), as well as measures that may have been taken to avoid those impacts or to minimise the realised ones, should be reported here.

# Question 17 – management measures

Answer with “**Yes**” if management measures according to Art. 19 of the Regulation have been implemented in relation to the species during the reporting period (2019-2024), otherwise answer with “**No**”.

The deadline for the Member States to put in place management measures is 18 months following the inclusion of the species on the Union list, i.e. 3 February 2019 for the species of the 1st update of the Union list (Implementing Regulation 2017/1263), 16 February 2021 for the species of the 2nd update of the Union list (Implementing Regulation 2019/1262) and 3 February 2024 for the species of the 3rd update of the Union list (Implementing Regulation 2022/1203). This deadline is beyond the end of the reporting period for the three species mentioned at the beginning of Section A(*Fundulus heteroclitus*, *Pistia stratiotes* and *Xenopus laevis*). This means that no management measures have to be put in place for these species in this report. However, if Member States have put in place measures on these species, they are invited to report these here.

# Question 18 – management measures - details and impacted non-targeted species

* To be answered if the answer to Question 17 is “**Yes**”.

**18a. Geographical coverage of the management measure**

Answer with “**Yes**” if the management measures covered the entire distribution area of the species in the Member State. Answer with “**No**”, if the species is present in areas of the Member State where management measures have not been taken.

**Questions 18b-h.**

* Provide information for each distinct (population of a) species for which management measures were undertaken. Information may be provided grouping distinct populations or management units/areas addressed by the same management measure(s) and with the same objective, in accordance with Art. 19 of Regulation (EU) No 1143/2014. If different populations are addressed by different measures, or if the objective of a measure or the effectiveness is different, this information must be submitted for each such population or management unit (except in cases where a combination of measures has been employed).

The reporting mechanism allows for the addition of as many distinct populations as needed. Each of them can be allocated a different name (e.g. population #1, population #2, etc.).

## 18b. Measure(s)

## Starting date

* Indicate the starting date of the management measure(s) within the reporting period.

Provide the starting date in the YYYY-MM-DD format.

If the starting date of the management measures is before the start of the reporting period, use the date 2019-01-01 and provide further explanations in Question 19. In case the Member State has had management measures in place prior to the inclusion of the concerned species on the Union list, this should also be indicated under Question 19.

**Estimated end date of application of measure(s)**

* Indicate whether the application of the management measures has been finalised or is still ongoing, by selecting one of the following options from a drop-down menu. In a separate field provide the relevant date in the YYYY-MM-DD format if one of the first two options is selected:
  + Finalised. Actual end date.
  + Ongoing. Estimated end date
  + Ongoing. Undetermined end date

If necessary, provide any additional explanations under Question 19.

## Objective of the measure(s)

* Indicate the objective of the management measure(s): eradication, control or containment.

For a definition of these, see Art. 3(13)-(15) of the IAS Regulation.

**Part of the territory:** Indicate the part of the Member State's territory in which the measure(s) are implemented, (e.g. country, region, province, city, or another appropriate administrative unit). In a separate field indicate the relevant NUTS code(s). Use the provided list of NUTS codes to select all options necessary to specify the most precise location of the implemented measures.

1. **Biogeographical region(s):** If relevant,indicate the biogeographical region(s) within this part of the territory, following the Directive 92/43/EEC provisions. Use the biogeographical regions code available in the Reference Portal. This applies to terrestrial and freshwater species.
2. **River basin sub-unit(s):** If relevant, indicate the river basin sub-unit(s) where the measure(s) are applied, following the Directive 2000/60/EC[[4]](#footnote-5) provisions. Use the river basin sub-unit(s) codes available in the Reference Portal. For freshwater species, provide both the biogeographical region(s) and the river basin sub-unit(s).
3. **Marine sub-region(s):** If relevant, indicate the marine sub-region(s) where the measures are applied, following the Directive 2008/56/EC[[5]](#footnote-6) provisions. Use the marine sub-region(s) codes available in the Reference Portal.

**Additional details on the populations subjected to the measures**

* Provide further information on the extent, surface area and/or specific location addressed by the management measures. If the management measures reported involve more than one population , include details on each population covered.
* Ensure that your description does not exceed 300 words (2500 characters).

## 18c. Methods used

* *Optional*: Specify the method(s) used for the management measures. At least one of the following options (a-d) should be selected. More than one option can be selected if different methods have been used in combination to manage the target population of the species.

(a) Mechanical/Physical

(b) Chemical

(c) Biological

(d) Other

If “Other method” is selected, please provide an explanation in the section below.

**Additional details on the methods used to manage the species**

* Provide additional details about the methods used for the management of the species. For example, if option (a) mechanical/physical is selected, indicate at least one specific method used (e.g., traps, hand removal). For animal species, if different methods are used to first capture and then kill the animals captured, please describe both methods here.
* Indicate whether the methods used were lethal or non-lethal, or both.

## 18d. Effectiveness of the measures

Assess the effectiveness of the management measures in relation to the specific geographically discrete population(s)/management unit targeted by selecting one of the following options:

(a) Eradication: Eradicated (complete and permanent removal of all individuals)

(b) Eradication: Temporarily eradicated (individuals reinvaded the area after successful eradication)

(c) Eradication: Partially eradicated (reduction in the number of individuals, but some still present)

(d) Eradication: No effect (no reduction in the number of individuals or number of individuals still increasing)

(e) Control: Population or impacts under or within desired threshold

(f) Control: Population or impacts above desired threshold

(g) Containment: Entire target population contained

(h) Containment: Part of the target population contained

(i) Containment: Target population not contained

(j) Unknown

* In case the population was subjected to eradication measures, select one of the options (a-d). For a population to be considered eradicated (a), there must be certainty that no individuals have been found in the target area following an aftercare/post-eradication surveillance period, the duration of which will depend on the targeted species and area. Select option (b) if no individuals were found in the area for a certain period, but follow-up surveillance activities detected individuals later again.
* If the population was subjected to control measures, select one of the options (e-f).
* For populations for which containment measures have been put in place, select one of the options (g-i).
* In case option (j) is selected, provide details on this under Question 19 (e.g. if this was because measures are still ongoing or because the objective was not specified, or for any other reasons).

## 18e. Side effects of the method(s) applied

## Report on negative side effects deriving from the application of the method(s). Select at least one of the options provided; options a), b), c) can be simultaneously selected.

## a) Negative impact on the habitat/environment

## b) Negative impact on non-targeted species

## c) Negative impact on human health

## d) No negative impacts observed

## e) Unknown

In case any of the options a), b), c) are selected, for each of the selected options, the type of negative impact(s) on the respective elements should be described in Question 19. This could refer to either direct or indirect impacts upon these components.

Note that this only refers to the side effects caused by the application of the method(s) themselves. In case different methods were used for the same geographically discrete population targeted, ensure that details on the methods that contributed to the specific impact(s) described are clarified in Question 19.

## 18f. Impacted non-targeted species

* To be answered only if the answer to Question 18e above includes option “b) Negative impact on non-targeted species”.
* If possible, provide the scientific name(s) of all the non-targeted species impacted negatively by the measure(s) separated by semi-colon.

For the scientific name of the species / taxa, global taxonomical references (e.g. Catalogue of Life, Eur+Med PlantBase, Plants of the World), regional or national databases (e.g. DynTaxa in Sweden, TaxRef in France) or GBIF’s taxonomic backbone should be used.

If the impact relates to a higher taxonomic level (e.g. birds, crayfish) or a non-taxonomic group of species (e.g. grassland species, soil-fauna), it is not necessary to list all scientific names of impacted species, instead report the higher taxonomic level (e.g. Aves, Astacidae) or the ecological group (in English).

## Impact per species

* For each of the impacted non-targeted species indicate the type of observed negative impacts. This could be direct (e.g. unintentional trapping of non-targeted species, the destruction of a species habitat) or indirect (e.g. impact on non-targeted species feeding on poisoned targeted species) impacts. If the observed negative impacts relate to a higher taxonomic level, this information can be provided for this group. The impact has to be given for the each of the entries made for ‘Impacted non-targeted species’. Please begin the description of the impacts with the name of the species/higher taxonomic level so that it is clear to which species/taxa the impact refers to. Separate the impacts of each species/higher taxonomic level from the next one with semi-colons.

**18g. Measures to spare animals any avoidable pain, distress or suffering**

* To be answered only if this section is being filled in for management measures targeting invasive alien animal species of Union or regional concern. To be noted that species of regional concern will not be reported for the period 2019-2024.

Respond “Yes” if any kind of measure was undertaken before, during or after the application of the management methods to spare animals any avoidable pain, distress or suffering; otherwise, respond “No”.

**Additional details on the measures undertaken to spare animals any avoidable pain, distress or suffering**

* *Optional*: Provide additional details on the measures undertaken to spare animals any avoidable pain, distress or suffering before, during or after the application of the rapid eradication measures. If the answer to the question above is “**No**”, please provide a rationale for this. If the answer to the question above is “**Yes**”, provide additional details on the specific measures undertaken, including details on how animal welfare was taken into consideration while implementing the measures. For example, if traps were used to capture animals, indicate how often they were checked, which steps were taken to guarantee that animals trapped inside did not get injured or spent unnecessarily long time in them, and what was done to then cause immediate death with no suffering.

**18h. System to monitor effectiveness**

* *Optional*: Describe the system or tools used by the Member State to monitor the effectiveness of the management measures (including the impact on non-targeted species or their habitats). Please mention if the surveillance system provided for in Art. 14 was used to this effect. Even if the system was not effective, please describe it here.
* This question applies to both animal and non-animal species.
* Ensure that your description does not exceed 300 words (2500 characters). .

# Question 19 – additional information on management measures

* *Optional*: Provide any additional information considered necessary to explain the answers to Questions 17 and 18. Elaborate in particular on the reasons for absence of measures and on any actions planned for the future.

If possible, provide additional details on the number of individuals removed/controlled/contained when applying the method(s) in the specific managed area, public acceptance, etc.

Any difficulties or barriers found for the management of the species, or reasons for low measures effectiveness, should be reported here.

Provide here details on the specific methods that contributed to the negative impact(s) described under questions 18e and 18f, in case different methods were used to manage the same population. Information on potential (not realised) negative impacts of the method(s), as well as measures that may have been taken to avoid those impacts or to minimise the realised ones, should be reported here.

This field can also be used to provide a general overview of the management actions that are being, or have been, undertaken for a species within the whole MS, or large parts of the MS, during the reporting period.

Additional details on related measures/initiatives that do not refer to the direct management of the species in the field, but that are being undertaken to assist managing the species (e.g. communication campaigns, educational work, training, biosecurity), can also be reported here.

Provide details on any national initiatives ongoing for the management of the species, or report on new innovative methods to be trialled in the future.

# Question 20 – Observations on the impact of the IAS

* *Optional*: Provide information on the negative impact of the invasive alien species on biodiversity and related ecosystem services, including on native species, protected sites and endangered habitats. In addition, provide information on the negative social and economic impacts of the species, as well as its negative impacts on human health and safety.
* The information should focus on negative impacts of the species in the Member State territory, during the reporting period.
* A maximum of 600 words (5000 characters) is allowed.

# Question 21 – species of regional concern – enhanced regional cooperation

Answer with “**Yes**” if the Member State is involved in the listing of any invasive alien species of regional concern, as per Article 11 of the IAS regulation; otherwise answer with “**No**”.

If ticked “Yes”, provide the scientific name of all the species involved in enhanced regional cooperation. Also provide additional details, for example on the reason for the enhanced regional cooperation (using a maximum of 300 words/2500 characters), or by providing a web link to a relevant explanatory/descriptive document.

To be noted that the reporting of 2019-2024 does not include species of regional concern.

# Question 22 - species of regional concern – measures/articles applied

* If applicable, indicate which of the measures provided for in Articles 13, 14 and 16, Article 17 notwithstanding Article 18, as well as Articles 19 and 20, are applied for the given species. Selection of multiple options is possible. Note that invasive alien species of regional concern which are native to a Member State shall not be subject to the provisions of Articles 13, 14, 16, 17, 19, 20 and 24 in the territory of that Member State.

This question should be duplicated for every species mentioned under question 21 and does not apply to species of Union concern.

* *Optional*: Provide any additional information considered relevant and necessary to explain the answers to questions 21 and 22. In case a species is native to (a part of) the territory of the Member State, clarify whether the introduction of the species was mainly due to influx from the same Member State.

Describe here any constraint that may affect (or that affected) the implementation of measures for invasive alien species of regional concern.

SECTION B - IAS of Member State concern

Section B should be completed for each of the invasive alien species of Member State concern pursuant to Article 12(2) of Regulation (EU) No 1143/2014.

# Question 1- national list established yes/no

If a national list of IAS of Member State concern has been notified by the Member State pursuant to Art. 12(2), answer “**Yes**”. In this case, questions 2 and 3 need to be answered for each of the species on this list (or groups of species, in case of listed genera, etc.), and questions 2 to 6 have to be answered only for those species that are not also of Union concern. Otherwise answer “**No**” and proceed to Section C.

# Question 2 - scientific name

* Enter the code of the species. The code is linked to the scientific name of the species. The codes and scientific names will be provided in the IAS Reference Portal. Following earlier communication with Member States, those MS that have provided their lists of IAS of MS concern will find their list undergone with the necessary consistency checks. Additionally, it is ensured that each IAS of Member State concern has the same code even if reported by different Member States.

# Question 3 – common name

* *Optional*: Provide the common (vernacular) name(s) of the species in the national language.

If more than one common name is used, the names should be separated by a semi-colon. For Member States with several national languages, the name should be provided followed by the language code in square brackets using the Eurostat code (ISO 639-1) (see also Section A, Question 2). Common names as provided by the Member States will be in the IAS Reference Portal.

# Question 4 - presence

## 4a. Species native to part of the territory

* Answer “**Yes**” in case the species is native to part of the territory of the European Union; otherwise answer “**No**”.
* If the species is also native to a part of the Member State territory, this should be mentioned in Question 7.

## 4b. Species present in the territory

* Indicate the status of presence of the species in the territory of the Member State (excluding the outermost regions, where applicable) during the reporting period. Notethat, if a species is native to (a part of) the territory of the Member State, the reply must focus only on what concerns the alien range of the species in the Member State. Choose the options below to describe the presence status of the species:

**Yes, currently present in the environment**: The species is reported to be currently present in the Member State’s environment (including semi-natural environments, such as cities, urban parks and gardens, etc.).

The species can be either:

* *Permanently present in the environment* - populations or individuals that are permanently present, and they can be reproducing, or not reproducing.
* *Temporarily present in the environment* – individuals or populations that are ephemeral or temporary (e.g. temperatures outside their physiological tolerance) but are recurrently present in the environment (e.g. through immigration from neighbouring or close-by country, or due to migration patterns). They can be reproducing, or not reproducing.

**Yes, present in the environment** **within the reporting period, but now confirmed absent**: The species was present in the Member State at some point during the reporting period, but it is now confirmed absent, e.g. due to successful eradication, or disappearance due to temperatures outside their physiological tolerance. Further explanations can be provided in the free text field under Question 7.

**Yes, present in contained holding**: The species is currently, or has been, documented to be present in the Member State in contained holding (e.g. in captivity, private collections and zoos) during the reporting period. This option is applicable if the information is readily available. This option can be selected simultaneously with the option “Yes, currently present in the environment” or “Yes, present in the environment within the reporting period, but now confirmed absent.

**Not present**: There is no evidence of the species’ presence during the reporting period.

**Uncertain or unknown**: There are uncertainties about the actual presence status, such as unverified reports. Provide an explanation under Question 7).

# Question 5 – distribution and reproductive status

* *Optional*: If the answer to Question 4b above includes the option “Yes, currently present in the environment”, information can be provided regarding its distribution and reproductive status. Notethat, if a species is native to (a part of) the territory of the Member State, the reply must focus only on what concerns the alien range of the species in the territory.

## 5a. Distribution maps

## Reply “Yes” (Yes, provided) if a distribution map is provided for the listed species of Member State concern, including in case a map is provided for a combination of species; otherwise reply “No” (No, not provided). Note that if a species is native to (a part of) the Member States, only the alien range should be presented here.

For higher taxa (e.g. genera) listed in national lists that include species of Union concern, a combined distribution map can be provided under Section B. However, it is obligatory to provide the distribution map under Section A for the IAS of Union concern included in such higher taxa.

Example: The national list contains an entry for “*Ludwigia* spp. (except *Ludwigia palustris* (L.))”. This “taxon concept” can be addressed in Section B, and maps provided for a combination of those species. However, there need to be separate entries in Section A for *Ludwigia peploides* and *Ludwigia grandiflora*,as these species are on the Union list.

**Question 5b. Species reproductive status**

The reproductive status of the species within the Member State in the wild can be indicated by selecting one of the following options:

a) Self-sustaining population(s) exist: At least one population exists in the wild that breed**s** regularly and at a level sufficient to be self-sustaining.

b) Reproduction occurs, but is limited or occasional: At least one population (or a group of individuals) exists in the wild with limited or occasional reproduction, but not regularly and not at a self-sustaining level.

c) Reproduction does not occur: No breeding individuals exist in the Member State. Populations sustained in the wild due to dispersal from another Member State and/or repeated introductions, but for which no reproduction occurs, should be included here.

d) Reproduction does not occur, but is likely to in the near future: No breeding individuals currently exist in the Member State, but it is expected that reproduction may occur in the near future (e.g., due to changing climate).

e) Unknown reproductive status: The reproductive status of the species within the Member State is uncertain or unknown during the reporting period.

The reproductive status refers to the situation during the reporting period (2019-2024). If the species did not reproduce between 2019 and 2024, select "Reproduction does not occur." If the species can potentially reproduce in the Member State but has not done so yet, select "Reproduction does not occur but is likely in the near future." If the species reproduced in the Member State prior to the reporting period but does not currently do so, select "Reproduction does not occur" and provide further clarifications in the additional information field (see Question 7).

# Question 6 - measures applied in the territory

* If applicable, indicate which of the measures provided for in Articles 7, 8, 13 to 17, 19 and 20 are applied for the given species of Member State concern.

Select one or more measures from the following list (multiple ticks are possible):

Measure(s) applied in the territory of the Member State in relation to the species pursuant to Article 7

* Restriction to intentionally bring into the territory
* Restriction to intentionally keep, including in contained holding
* Restriction to intentionally breed, including in contained holding
* Restriction to intentionally transport, except in the context of eradication
* Restriction to intentionally place on the market
* Restriction to intentionally use or exchange
* Restriction to intentionally permit to reproduce, grow or cultivate, including in contained holding
* Restriction to intentionally release into the environment
* Prevention of the unintentional introduction or spread, including, where applicable, by gross negligence

Other measure(s) applied in the territory of the Member State in relation to the species

* Derogations foreseen within the permit system analogous to Article 8
* Addressed in the action plans analogous to Article 13
* Covered by the surveillance system analogous to Article 14
* Official controls to prevent the intentional introduction analogous to Article 15
* Subject to early detection system analogous to Article 16
* Subject to rapid eradication following an early detection analogous to Article 17
* Subject to management measures if widely spread analogous to Article 19
* Restoration measures analogous to Article 20

# Question 7 – additional information

* *Optional*: Provide any additional information considered relevant and necessary to explain the answers to Questions 1 to 6.
* In case a species is native to (a part of) the territory of the Member State, clarify whether the introduction of the species was mainly due to influx from within the Member State.

Describe here any constraint that may affect (or that affected) the implementation of measures for invasive alien species of Member State concern that are not among those of Union concern. Please also mention if the restrictions apply to the whole territory of the Member State, or only to part of it.

Please explain if the measures applied are not compatible with the TFEU and/or were not notified to the Commission in accordance with Union law.

Mention any rapid eradication measures, or management actions and/or plans, referring to the species.

SECTION C - Horizontal Information

Questions 1-24, under five different subsections, should be completed pursuant to various articles of Regulation (EU) No 1143/2014:

1. Information on the action plan(s) on the pathways of invasive alien species (Article 13 of Regulation (EU) No 1143/2014);
2. Information on the surveillance system of invasive alien species of Union concern (Article 14 of Regulation (EU) No 1143/2014);
3. Information on the official controls necessary to prevent the intentional introduction of invasive alien species of Union concern (Article 15 of Regulation (EU) No 1143/2014);
4. Information on measures taken to inform the public (Articles 24(1)g, 12, 22(3) and 26 of Regulation (EU) No 1143/2014);
5. Information on the cost of action undertaken to comply with this Regulation (Articles 24(1)i and 21 of Regulation (EU) No 1143/2014).

# 1) Information on actions plan(s)

# Question 1 - analysis of pathways of introduction - list of species of Union concern

— Indicate for which adopted list of invasive alien species of Union concern has a comprehensive analysis of the pathways of unintentional introduction and spread, as well as their prioritisation, been undertaken.

Select one or more of the following options:

* Initial Union list, which includes 37 species and entered into force on 3 August 2016
* First update of the Union list, which includes 12 species and entered into force on 2 August 2017
* Second update of the Union list, which includes 17 species and entered into force on 15 August 2019.
* Third update of the Union list, which includes 22 species and entered into force on 2 August 2022.

# Question 2 - analysis of pathways of introduction - CBD pathway terminology

— Indicate by selecting “**Yes**” or “**No**” whether the recommended pathway terminology according to the Convention of Biological Diversity, as per COMMISSION DELEGATED REGULATION (EU) 2018/968, has been consistently used in the analysis and prioritisation of the pathways of unintentional introduction and spread of invasive alien species of Union concern.

* If the terminology has been used but not consistently, or with some adaptations, please provide details in Question 11.

# Question 3 - analysis of pathways of introduction - priority pathways

— By using the codes for pathways, as available in the Reference Portal , indicate all of the priority pathways which have been identified through the pathway analysis undertaken, as requiring priority action ('priority pathways') because of the volume of species or of the potential damage caused by the species entering the Union through those pathways, as referred to in Article 13(1) of Regulation (EU) No 1143/2014.

# Question 4 - analysis of pathways of introduction - document

— *Optional*: Provide one or more documents (upload a single compressed file containing one or more documents) or web links to such documents showing/describing the analysis and prioritisation of the pathways of unintentional introduction and spread of invasive alien species of Union concern in the territory, as well as in the marine waters, of the Member State (as per Directive 2008/56/EC).

The document should indicate which resources have been used to retrieve pathway information, such as online databases, EU risk assessments and/or expert opinion. It should also indicate whether only pathways actually used by species, or if also potential pathways of species introduction and spread, have been considered and if different pathways have been subdivided, for example taking into account different invasion stages. The document should also indicate the methodology used to identify which pathways have been prioritised.

Please note that all web links should be given in full, including the initial ‘http://’ or ‘https://’, if applicable.

# Question 5 - action plan(s) on pathways - single or a set

— Indicate whether the Member State has produced one single action plan or a set of action plans to address the priority pathways it has identified, as referred to in Article 13(2) of Regulation (EU) No 1143/2014.

Answer “**Single**” (One single action plan) if all pathways of introduction and spread of invasive alien species of Union concern which require priority action ('priority pathways') are being addressed through a single (joint) action plan. A single action plan including measures for different pathways (e.g. containing more thematic chapters addressing different pathways) is still considered one single action plan. Answer with “**Set**” (Set of action plans) if different pathways are being addressed through separate documents (each of which can target one or more pathways).

If the Member State is planning to produce a set of action plans for various pathways, but has currently only produced one, or not all, of those (e.g., for a specific pathway or combination of pathways), select “**Set**” and provide an explanation for this under Question 11.

# Question 6 - action plan(s) on pathways - priority pathways and species covered

—By using the codes indicated in the Reference Portal, indicate which priority pathways have been addressed by each action plan. Indicate the respective action plan using a name or code as relevant.

Indicate also all the invasive alien species of Union concern that are covered by each of the priority pathways addressed per action plan. Note that the action plans can (and ideally should) cover invasive alien species beyond those of Union concern; however, only the latter should be indicated here.

To fill in the information in Reportnet 3.0, for each action plan select one or more pathway codes and one or more covered species from a drop-down menu. Repeat the process per action plan.

# Question 7 - action plan(s) on pathways - finalised/draft

— Specify which of the action plans produced during the reporting period have been finalised or are still in draft form. Fill in this information for each single action plan. Indicate the respective action plan using a name or code as relevant.

Consider as “**Finalised**” the action plans that are completed and ready to use (or in use), and as “**Draft**” the action plans that are still under preparation and have not been completed yet.

If some of the action plans are in a “**Draft**” version, provide a justification for this, along any other useful information, under Question 11.

# Question 8 - action plan(s) on pathways - established

— Specify which of the action plans produced during the reporting period are established, as referred to in Article 13(2) of Regulation (EU) No 1143/2014.

Consider as “**Established**” the action plans that are formally/officially adopted (e.g. through a dedicated legislative act), and as “**Not established**” the action plans that are not yet formally/officially adopted.

For all “Established” action plans, please clarify whether they are adopted through a legally binding act, and which not, under Question 11. If some of the action plans are “Not established”, provide a justification for this, along any other useful information, under Question 11.

# Question 9 - action plan(s) on pathways - implemented

— Specify which of the action plans produced during the reporting period are fully, partly, or not implemented as referred to in Article 13(2) of Regulation (EU) No 1143/2014.

Select ‘**Fully’**(“**Fully implemented**”) for the action plans that are entirely put into practice; i.e., if all the measures envisaged by the action plan have been taken (or are currently undergoing) to address the priority pathways identified. If only some of the measures are put into practice, then select ‘**Partly’** (“**Partly implemented**”). If none of the foreseen measures have been put into practice yet, select ‘**Not’** (“**Not implemented**”).

If some of the action plans are marked as “Partly implemented” and/or “Not implemented”, provide a justification for this, along with any other useful information, under Question 11.

# Question 10 - action plan(s) on pathways - action plan(s) document

— Upload a single compressed file containing one or more documents (or provide web links to such documents) that include the action plan(s) referred to in Article 13(2) of Regulation (EU) No 1143/2014. All documents should be zipped together.

Please note that all web links should be given in full, including the initial ‘http://’ or ‘https://’, if applicable.

# Question 11 - action plan(s) on pathways - additional information

— *Optional*: Provide any additional information deemed necessary to explain the answers to Questions 1 to 10. Elaborate in particular on the reasons for not performing a comprehensive analysis and prioritisation of the pathways of unintentional introduction and spread for some, or none, of the species of Union concern or for specific measures not being addressed in the action plan(s), if applicable.

Indicate any difficulties encountered when producing the pathway analysis and prioritisation and/or the pathway action plan(s) and highlight possible areas for future improvement.

# 2) Information on surveillance system

# Question 12 - surveillance system - description

— Describe the surveillance system for invasive alien species of Union concern used to detect, collect and record data on their occurrence in the environment through survey monitoring or other procedures, and which is aimed at preventing their spread into or within the Union, as referred in Art. 14 of Regulation (EU) No 1143/2014.

Note that a surveillance system should not be confused with systems used to store/analyse data or with an inventory. For example, a database, an internet portal or similar tools including information on invasive alien species are not to be considered as a surveillance system themselves, unless they are fully supported by specific “survey monitoring or other procedures” aimed at collecting and recording data on the occurrence of alien species in the environment. In this case, ensure that such “survey monitoring or other procedures” are duly described for each species. Similarly, citizen science cannot be automatically considered as a suitable surveillance method for all species in all environments across the entire territory of a Member State unless justified by the specific features and detectability of the target species.

If the Member State has different surveillance systems for different species and/or with different coverages in place, please consider all the systems combined and provide clarifications on this in Question 14.

— Indicate to what extent the system covers the geographical territory, including marine territorial waters of the Member State, to determine the presence and distribution of new as well as already established, invasive alien species of Union concern. Indicate if the surveillance system covers the entire territory, including marine territorial waters, of the Member State, by selecting “**Complete coverage**”. If the territory, including marine territorial waters, is only partially covered, for example only specific regions or areas within a Member State, or if the territory, including marine territorial waters, is not covered at all, select “**No/Partial coverage**”.

— Provide any additional information or details considered necessary or useful to explain the answer to the previous question. Specifically, in case the surveillance system does not, or only partially covers the territory or its marine territorial waters, note this and provide a description and explanation of the approach followed, including a list of regions/areas covered.

— Submit/upload one or more documents (or web links to relevant information available on the Internet) regarding the surveillance system. Please note that all web links should be given in full, including the initial ‘http://’ or ‘https://’, if applicable.

# Question 13 - surveillance system - effectiveness of rapid eradication measures

— Indicate by selecting ‘**All’** for the option “**Yes for all rapid eradication measures**” if the surveillance system is used to monitor the effectiveness of all rapid eradication measures, or ‘**Some’** for the option “**Yes for some rapid eradication measures**” if the surveillance system is used to monitor the effectiveness of some rapid eradication measures targeting invasive alien species of Union concern at an early stage of invasion, as per Art. 17(3) of Regulation (EU) No 1143/2014. If the surveillance system is not used for this purpose, select “**No**”. In the latter case, provide clarifications under Question 14.

# Question 14 - surveillance system - additional information

— *Optional*: Provide any additional information deemed necessary to explain the answers to Questions 12 and 13. Elaborate in particular on the reasons for a surveillance system not being fully functional, or only partially covering the territory, if that is the case.

Indicate any difficulties encountered when preparing or implementing the surveillance system and highlight possible areas for future improvement.

# 3) Information on official controls

# Question 15 - official controls - description

— Indicate to which extent the structures to carry out the official controls are in place and functioning by selecting “**Yes**”, “**Partly**” or “**No**”, based on the following evidence:

* Select “**Yes**” if Article 15 is fully implemented into the national legislation. The official controls carried out, as required by Article 15, are risk-based, covering CN-codes and handling of non-compliance. Competences of the authorities involved are formally attributed and based on laws, memoranda of understanding or working agreements. Coordination and information exchange between the authorities involved are secured through IAS committees, advisory boards, expert panels, etc.
* Select “**Partly”** if Article 15 is at least partly implemented into the national legislation. For example, official controls are covered through routine phytosanitary and veterinary border controls, but with no direct reference to CN-codes or risks *sensu* Article 15. There might be no formalised procedures for handling non-compliance, but this is handled within the existing phytosanitary and veterinary procedures. There is some cooperation and information exchange between the authorities involved, but this is not formalised through IAS committees, advisory boards, expert panels, etc.
* Select “**No**” if Article 15 is not implemented into the national legislation. Basic elements of official controls might be carried out as a part of routine phytosanitary and veterinary border controls, but with no direct reference to CN-codes or risks *sensu* Article 15. Non-compliance is not adequately handled. There is little or no cooperation or information exchange between the authorities involved.

— Provide details about the official control system in place, including a general description of the fully functioning structures used to carry out the official controls. Mention if the system is generally fit for purpose and intended to intercept all imported invasive alien species on the Union list. A maximum of 300 words (2500 characters) is allowed.

— By using the codes provided, list the categories of goods falling within the Combined Nomenclature codes to which a reference is made in the Union list, pursuant to Article 4(5), to which the official controls apply. In order to do this, use the Combined Nomenclature codes of categories of goods generally associated with the invasive alien species on the Union list, as provided by Council Regulation (EEC) No 2658/87 (22). The code list for Combined Nomenclature codes of these categories of goods is available in the Reference Portal.

— Indicate the competent authorities responsible for carrying out the appropriate risk-based controls (documentary, identity and, where necessary, physical checks) when the categories of goods falling within the Combined Nomenclature codes to which a reference is made in the Union list, pursuant to Article 4(5), are brought into the Union.

— Submit/upload one or more documents (or web links to relevant information available on the Internet) regarding the official controls. Please note that all web links should be given in full, including the initial ‘http://’ or ‘https://’, if applicable.

Please note that Article 15 of Regulation 1143/2014 does not refer to general control measures aimed at prevention (e.g. monitoring internet trade or pet shops) or early detection (e.g. involvement of citizen science in monitoring). Please note also that routine border controls carried out by phytosanitary and veterinary services may not fully comply with the official controls, as required by Article 15 of the Regulation. If phytosanitary and veterinary services are specifically involved in the official controls, please provide information on the basis for their involvement (legislation, working agreements, etc.) above, or under Question 16.

# Question 16 - official controls - additional information

— *Optional*: Provide any additional information deemed necessary to explain the answer to Question 15. Elaborate, in particular, if the structures to carry out the official controls are not fully functioning, or if not all categories of goods falling within the Combined Nomenclature codes referenced in the Union list are addressed. If available, also provide information on the number of interceptions resulting from official controls, with details on species intercepted and categories of goods they were associated with.

Indicate any difficulties encountered while conducting official controls and highlight possible areas for future improvement.

# 4) Information on measures to inform the public

# Question 17 - measures to inform the public - description

— Describe the measures taken to inform the public about the presence of an invasive alien species and any actions that citizens have been requested to take, as per Article 24(1)g of Regulation (EU) No 1143/2014. Web links to relevant websites and other resources can be provided, but these should be accompanied by explanatory text indicating what they refer to and which measures or actions they address.

Such information should include awareness-raising measures for the implementation of Action Plan(s) on the pathways of invasive alien species (according to Art. 13) and information to non-commercial owners of the risks posed by keeping invasive alien species of Union concern.

The information provided does not need to present an exhaustive list of every measure taken to inform the public about invasive alien species, but rather highlight the main and/or key measures undertaken. These measures can include presenting information on dedicated websites, producing resources for various stakeholders, organising conferences, webinars, training courses or public exhibitions, and using traditional media outlets or social media channels.

Mention any actions that citizens have been requested to take, which generally encourage public collaboration, such as those from awareness-raising or citizen science campaigns, or the production of public surveys.

If possible, indicate the responsible authorities, organisations or projects undertaking specific measures should be indicated, as well as the target audience of the specific actions.

# Question 18 - measures to inform the public - public participation

**18a. Public participation on action plans**

— Indicate, by selecting “**Yes**” or “**No**”, whether public participation in action plan(s) established pursuant to Article 13 of Regulation (EU) No 1143/2014 has been ensured, as per Article 26 of the same Regulation.

Answer “**Yes**” if the Member State has ensured that the public was given early and effective opportunities to participate in the preparation, modification or review of the action plan(s) put in place, using the arrangements already determined by the Member States in accordance with the second subparagraph of Article 2(3) of Directive 2003/35/EC. Otherwise answer “**No**”. In case public participation on action plans has been ensured only for some action plans answer with “**Yes**” and explain further in Question 20.

**18b. Public participation on management measures**

— 18b. Indicate, by selecting “**Yes**” or “**No**”, whether public participation on management measures put in place pursuant to Article 19 of Regulation (EU) No 1143/2014 has been ensured, as per Article 26 of the same Regulation.

Answer “**Yes**” if the Member State has ensured that the public was given early and effective opportunities to participate in the preparation, modification or review of the management measures put in place, using the arrangements already determined by the Member States in accordance with the second subparagraph of Article 2(3) of Directive 2003/35/EC. Otherwise answer “**No**”. In case public participation on management measures has been ensured only for some management plans answer with “**Yes**” and explain further in Question 20.

# Question 19 - measures to inform the public - description of public participation

— Provide a description of how the process of public participation regarding to action plan(s) and management measures (per Art. 26) has been established. Specifically, detail how the public was given opportunities to participate in the preparation, modification or review of action plan(s) under Article 13 and management measures under Article 19 of Regulation (EU) No 1143/2014. If no public participation in action plan(s) and management measures was ensured, provide a justification and elaborate on the reasons.

A maximum of 300 words (2500 characters) is allowed.

# Question 20 - measures to inform the public - additional information

— *Optional*: Provide any additional information deemed necessary to explain the answer to Questions 17 to 19.

Indicate any difficulties encountered when preparing or putting in place the measures taken to inform the public about invasive alien species and actions required for citizens to take and highlight possible areas for future improvement.

A maximum of 300 words (2500 characters) is allowed.

# 5) Information on cost of action

# Question 21 - cost of action - description

— Describe the cost of actions undertaken to comply with this Regulation, as referred to in Article 24(1) of Regulation (EU) No 1143/2014, where available. Provide a description of costs (e.g., financial expenditure) and/or effort (e.g. person days) expended to comply with the Regulation during the current reporting period.

First, if possible, provide the costs and/or effort expended for each category separately. Second, where costs cannot be identified for individual categories separately (e.g., a budget provided to public body may implement a number of actions across the categories), provide the cost or effort expended and select the relevant categories that the costs or effort contribute to.

Costs and/or effort information can be provided as an estimate, including as a range, with uncertainties highlighted (e.g. in relation to actions undertaken by public bodies as part of the existing capacity, or only partial data collated).

The categories of costs and/effort are:

— Capacity building: for example, costs related to communication activities, training of personnel, or production of guidance material.

— Pathway action plans: for example, costs for the development of the pathway action plans, or the implementation of measures foreseen in such action plans (provide clarifications on what exactly the costs refer to).

— Operation of surveillance system: for example, costs related to the establishment of general IAS monitoring systems or of databases/web portals on citizen science, or species-specific surveillance systems.

— Operation of official controls: for example, costs related to the implementation of the official controls system, scientific support to inspection services, or additional inspections required on certain categories of goods.

— Implementation of rapid eradication or management measures: for example, costs related to the preparation or implementation of species-specific rapid eradication or management actions.

— Operation of inspections of establishments holding permits: for example, costs related to dislocation of officials to these premises.

— Restoration of the damaged ecosystems: for example, any cost incurred for measures undertaken to strengthen the ecosystems' resilience towards invasions, to repair the damage caused by invasive alien species and to enhance the conservation status of species and their habitats in accordance with Directives 92/43/EEC and 2009/147/EC, the ecological status of inland surface waters, transitional waters, coastal waters and groundwater in accordance with Directive 2000/60/EC, and the environmental status of marine waters in accordance with Directive 2008/56/EC (excluding the costs for the eradication, population control or containment of the invasive alien species of Union concern that caused the damage).

— Other costs: any other costs related to the implementation of this Regulation, for example costs related to providing general scientific support.

Where costs cannot be identified, provide a description of the total costs and select from a drop-down one or more categories that the total costs refer to. The categories to be selected are: Capacity building, Operation of surveillance system, Operation of official controls, Implementation of rapid eradication or management measures, Operation of inspections of establishments holding permits, Other costs.

# Question 22 - cost of action - costs recovery systems in place

— Indicate by selecting ‘**Yes’** or ‘**No’** whether costs recovery systems, in accordance with the polluter pays principle and without prejudice to Directive 2004/35/EC, have been put in place to recover the costs of the measures needed to prevent, minimise, or mitigate the adverse impact of invasive alien species, including environmental and resource costs, as well as restoration costs, as per Article 21 of Regulation (EU) No 1143/2014.

# Question 23 - cost of action - additional information

— *Optional*: Provide any additional information deemed necessary to explain the answer to Questions 21 and 22. In particular, elaborate if costs are not provided for one or more categories, and the reasoning for this (e.g., implementation activities carried out by public bodies or by many different players at national, regional, and local level).

Indicate any difficulties encountered regarding costs of actions undertaken and highlight possible areas for future improvement.

# Question 24 - additional information - general

— *Optional*: Submit any other relevant information the Member State wishes to add concerning the implementation of Regulation (EU) 1143/2014. This can include text, a document, or a web link to such a document, text, or any relevant data/material, beyond what is requested in this reporting format.

1. Outermost regions: Guadeloupe, French Guiana, Réunion, Martinique, Mayotte and Saint-Martin (France), the Azores and Madeira (Portugal), and the Canary Islands (Spain) [↑](#footnote-ref-2)
2. Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy [http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:32000L0060](http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32000L0060) [↑](#footnote-ref-3)
3. DIRECTIVE 2008/56/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive) http://eur- lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:164:0019:0040:EN:PDF [↑](#footnote-ref-4)
4. Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy [http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:32000L0060](http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32000L0060) [↑](#footnote-ref-5)
5. DIRECTIVE 2008/56/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive) [http://eur-](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ%3AL%3A2008%3A164%3A0019%3A0040%3AEN%3APDF) [lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:164:0019:0040:EN:PDF](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ%3AL%3A2008%3A164%3A0019%3A0040%3AEN%3APDF) [↑](#footnote-ref-6)