

**MEMORANDUM OF UNDERSTANDING  
ON THE CONSERVATION OF  
MIGRATORY SHARKS**

CMS/Sharks/MOS4/National  
Report/European Union  
27/01/2023  
Original: English

4<sup>th</sup> Meeting of the Signatories (Sharks MOS4)  
Bonn, 28 February – 2 March 2023

**European Union National Report**

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**EUROPEAN COMMISSION**  
DIRECTORATE-GENERAL FOR MARITIME AFFAIRS AND FISHERIES

International Ocean Governance and Sustainable Fisheries  
**Regional Management Fisheries Organisations**

# **Memorandum of Understanding on the Conservation of Migratory Sharks**

## **Report from the European Union and its Member States**

**January 2023**

*Contributions from Denmark, France, Germany, Greece, Ireland, Lithuania, Malta,  
Spain, Sweden and the European Union*

## SUMMARY

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## EU NATIONAL REPORT

### Sharks MOS4: National Reporting Format (Offline version)

**Purpose:** Evaluate the status of how Signatories are meeting the objective of the Memorandum of Understanding: "*to achieve and maintain a favorable conservation status for migratory sharks based on the best available scientific information, taking into account current management and conservation actions, the socio-economic, and other values of these species for the people of the Signatories*" and to report on implementation of the Conservation Plan.

\*Compulsory field

Additional instructions are provided in *italics*.

#### Report submitted by

1. Name\*  
Séamus Howard
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International Relations Officer
3. Institution\*  
European Commission
4. Email\*  
seamus.howard@ec.europa.eu
5. Contributors  
*If contributions were submitted by multiple entities*  
Click or tap here to enter text.

#### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
European Union
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully
- I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*

Yes

No

9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please see individual spreadsheets from EU Member States.*

I have added species-specific information to the spreadsheet

Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

Yes

No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please see individual spreadsheets from EU Member States.*

I have added species-specific information to the spreadsheet

Not applicable

## Management and conservation measures

12. Are any Annex 1-listed species protected or have a managed fishery? \*

Yes

No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*Current management measures to protect sharks are contained in a wide range of fisheries and environmental legislation as well as a number of international Conventions and Agreements.*

*All catches of species which are subject to catch limits and also catches of species which are subject to minimum sizes as defined in Annex III to Regulation (EC) No 1967/2006, caught during fishing activities in Union waters or by Union fishing vessels outside Union waters in waters not subject to third countries' sovereignty or jurisdiction, must be brought and retained on board the fishing vessels, recorded. However, under Article 15(4), point (a), of Regulation (EU) No 1380/2013, the landing obligation does not apply to species for which fishing is prohibited. This is further expanded on in relation to measure taken by regional fisheries management organisations implemented in the EU through Council Regulation (EU) 2022/109 of 27 January 2022 fixing for 2022 the fishing opportunities for certain fish stocks and groups of fish stocks applicable in Union waters and for Union fishing vessels in certain non-Union waters and in particular its Articles 25, 32, 38, 40 and 46.*

*The GFCM is the regional fisheries management organisation (RFMO) responsible for managing fishery resources in the Mediterranean and Black Sea. Its main objectives are to promote the development, conservation, rational management and best utilisation of living marine resources, and to ensure the sustainable development of aquaculture, in the Mediterranean, Black Sea and connecting waters. The Union and 10 of its Member States (Bulgaria, Croatia, Cyprus, France, Greece, Italy, Malta, Slovenia, Spain and Romania) are contracting parties to the GFCM Agreement. Recommendation GFCM/44/2021/13 requires parties to adopt mitigation measures in order to eliminate the bycatch of elasmobranch,*

*The GFCM has the authority to adopt binding decisions ('recommendations') on fisheries conservation and management in its area of competence. These acts are addressed to the contracting parties, but may also contain obligations for operators (e.g. vessel masters). GFCM recommendations become binding 120 days after the date of first notification, provided that no objections are lodged. It is incumbent on the Union to ensure compliance with these measures, as international obligations, as soon as they enter into force.*

*More broadly, the EU Common Fisheries Policy (CFP), a comprehensive regulatory framework, aims at ensuring that fishing activities are environmentally sustainable in the long-term. It implements the ecosystem-based approach and applies the precautionary approach to fisheries management in order to ensure*

*that negative impacts of fishing activities on the marine ecosystem are minimised.*

*More specifically, the EU strategy for the conservation and management of sharks is articulated around the following key areas of action: i) strict protection and conservation of endangered shark species, ii) sustainable management of commercial species (targeted or by catch), iii) improvement of species specific data collection, iv) support to research related to the biology, ecology and management of sharks, v) enforcement of relevant national and international rules, vi) traceability and certification of sustainably harvested shark products.*

*When it comes to the particular measures at EU level, in 2009 the EU Plan of Action for the Conservation and Management of Sharks (EUPOA sharks) was adopted [COM/2009/0040 final]. It falls within the scope of the Common Fisheries Policy and aims at broadening the knowledge on shark fisheries, on shark species and their role in the ecosystem, ensuring that directed fisheries for shark are sustainable and that by-catches of shark resulting from other fisheries are properly regulated. This plan identifies the measures deemed necessary both at EU level (TACs, technical measures, effort and capacity limits, data collection) and under international law.*

*Under the Council Regulation (EC) No 1185/2003 on the removal of fins of sharks on board vessels, as amended by Regulation (EU) No 605/2013, established a general prohibition of the practice of shark finning, i.e. the removal of a shark's fins and the discarding of the remaining carcass at sea.*

*Furthermore, specific technical measures have been implemented to protect various shark and ray species. The Mediterranean Regulation includes such measures as: the prohibition to use driftnets, the prohibition to use bottom set nets to catch several groups of sharks, the protection of the coastal zone from trawling, as well as gear requirements such as maximum net dimension and low twine thickness for bottom-set nets that further help to reduce unwanted by-catches of sharks.*

*Moreover, protective measures for species are also enshrined in the EU legislative framework including in Article 16j of Regulation 1343/2011<sup>1</sup>. Certain shark species are also protected species according to Annex 1 of the Technical Measures Regulation<sup>2</sup> (Regulation 2019/1241). oTHERThe Common Fisheries Policy Regulation<sup>3</sup>, Control Regulation<sup>4</sup>, the Data Collection Framework as set out in Regulation (EU) 2017/1004, the European Maritime, Fisheries and Aquaculture Fund (EMFAF) as established by Regulation (EU) 2021/1139<sup>5</sup> and the Shark Finning Regulation<sup>6</sup>.*

*There are a number of EU policies and initiatives of a general nature contributing to the conservation of sharks. In this context, the Marine Strategy Framework*

<sup>1</sup> OJ L 347, 30.12.2011, p. 44

<sup>2</sup> OJ L 198, 25.7.2019, p. 105

<sup>3</sup> OJ L 354, 28.12.2013, p. 22

<sup>4</sup> OJ L 343, 22.12.2009, p. 1

<sup>5</sup> OJ L 247, 13.7.2021, p. 1

<sup>6</sup> OJ L 167, 4.7.2003, p.1

*Directive<sup>7</sup>, the Habitats Directive, as well as European Green Deal with its EU Biodiversity Strategy for 2030.*

*The EU financially supports through the European Maritime, Fisheries and Aquaculture Fund (EMFAF) the scientific community and the fishing industry to develop new and selective fishing gears that help avoid sharks in the first place. More generally, the EMFAF offers financial support in order to help achieve sustainable fisheries and conserve marine biological resources. This leads to food security through the supply of seafood products growth of a sustainable blue economy, healthy, safe and sustainably managed seas and ocean protect and restore biodiversity and ecosystems. This includes the development of innovative gears to minimise bycatch and of mitigation measures; collection and management of biological data, cooperation between MS in data collection, regionalised databases, at sea monitoring of bycatch of marine organisms; support to control and surveillance, e.g. novel monitoring techniques to particular remote electronic monitoring to record incidental catches of protected species. These could include national, supranational regulations or the implementation of Regional Fisheries Management Organisation measures.*

- I have added species-specific information to the spreadsheet  
 Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

- Yes  
 No

If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Article 18 and Article 25, 32, 38, 40 and 46 of Council Regulation (EU) 2022/109 of 27 January 2022 fixing for 2022 the fishing opportunities for certain fish stocks and groups of fish stocks applicable in Union waters and for Union fishing vessels in certain non-Union waters.*

- I have added species-specific information to the spreadsheet  
 Not applicable

15. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

- Yes  
 No

16. If yes, please include details of the conservation measures in the **spreadsheet** provided.

---

<sup>7</sup> OJ L 164, 25.6.2008, p. 19

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

## Cooperation

17. Are you cooperating with other Signatories or NGOs on the implementation of the Sharks MOU and its Conservation Plan? \*

*The EU has provided funding to the CITES Secretariat to support the implementation of the marine species listings, including sharks.*

Click or tap here to enter text.

18. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

Click or tap here to enter text.

19. Have you identified any barriers preventing cooperation and partnership to implement the Sharks MOU and its Conservation Plan? \*

*Please describe.*

Click or tap here to enter text.

## Capacity and materials

20. What capacity needs have you identified in your country? Please provide details.  
\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

Click or tap here to enter text.

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*[https://oceans-and-fisheries.ec.europa.eu/ocean/marine-biodiversity/sharks\\_en](https://oceans-and-fisheries.ec.europa.eu/ocean/marine-biodiversity/sharks_en)  
Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

[https://oceans-and-fisheries.ec.europa.eu/ocean/marine-biodiversity/sharks\\_en](https://oceans-and-fisheries.ec.europa.eu/ocean/marine-biodiversity/sharks_en)

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat
- Not Applicable

## DENMARK NATIONAL REPORT

### Report submitted by

1. Name\*  
Kim Rægaard
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Administrative officer
3. Institution\*  
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5. Contributors  
*If contributions were submitted by multiple entities*  
Click or tap here to enter text.

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
Denmark
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*

- Yes  
 No

9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.

Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.

- I have added species-specific information to the spreadsheet  
 Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes  
 No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.

Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.

- I have added species-specific information to the spreadsheet  
 Not applicable

### Management and conservation measures

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

Please infill **column J** on the spreadsheet for each species.

- I have added species-specific information to the spreadsheet

Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

Yes

No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

Yes

No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

## Cooperation

18. Are you cooperating with other Signatories on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

*Fisheries management is EU-competence. Managed in Common Fisheries Policy*

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

*Not besides measures under the CFP*

### **Capacity and materials**

20. What capacity needs have you identified in your country? Please provide details.

\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*Very few registered catches of Annex 1 species in DK-waters*

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

*file:///C:/Users/B051167/Downloads/Manual-discard-pattedyr-og-fugle-DK%20(1).pdf*

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

## FRANCE NATIONAL REPORT

[Original]

### Rapport présenté par

1. Nom\*  
Corbeau Clémence
2. Position\*  
Point focal France pour le Mémoire d'Entente sur les requins migrateurs
3. Institution\*  
Ministère de la transition écologique et de la cohésion des territoires
4. Courriel\*  
clemence.corbeau@developpement-durable.gouv.fr
5. Contributeurs  
- Ministère de la Mer, Direction des Pêches Maritimes et de l'Aquaculture,  
Direction des Pêches Maritimes et de l'Aquaculture  
- Muséum national d'Histoire naturelle

### Espèces dans votre zone de juridiction nationale

6. Signataire\*  
France
7. Veuillez ouvrir la [feuille de calcul Excel](#) qui vous a été fournie par le Secrétariat pour votre pays. Utilisez la feuille de calcul pour examiner le statut des espèces inscrites à l'annexe 1 dans votre juridiction nationale. Une fois complétée, veuillez envoyer la feuille de calcul, ainsi que le présent document Word, au Secrétariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int)).\*  
  
 J'ai téléchargé la feuille de calcul avec succès  
 Je n'ai pas pu télécharger la feuille de calcul
8. Vos navires capturent-ils (débarquées, transbordées ou rejetées) des espèces figurant à l'Annexe 1 DANS votre zone de juridiction nationale ? \*  
  
 Oui  
 Non
9. Si oui, veuillez déclarer les informations sur les captures par espèce dans votre zone de juridiction nationale sur la **feuille de calcul** fournie.  
  
 J'ai ajouté des informations spécifiques aux espèces dans la feuille de calcul.  
 Non applicable
10. Vos navires capturent-ils (débarquées, transbordées ou rejetées) des espèces figurant à l'Annexe 1 EN DEHORS de votre zone de juridiction nationale ? \*

- Oui  
 Non

11. Si oui, veuillez déclarer les informations sur les captures par espèce en dehors de votre zone de juridiction nationale sur la **feuille de calcul** fournie.

- J'ai ajouté des informations spécifiques aux espèces dans la feuille de calcul.  
 Non applicable

### Mesures de gestion et de conservation

12. Y a-t-il des espèces figurant à l'Annexe 1 qui sont protégées ou dont la pêche est gérée ? \*

- Oui  
 Non

13. Si oui, veuillez inclure les détails des mesures de protection ou des pêcheries gérées pour chaque espèce dans la **feuille de calcul** fournie. Il peut s'agir de réglementations nationales, supranationales ou de la mise en œuvre des mesures de l'Organisme régional des pêches.

- J'ai ajouté des informations spécifiques à l'espèce dans la feuille de calcul.  
 Non applicable

14. Existe-t-il des réglementations concernant les espèces inscrites à l'Annexe 1 actuellement en cours de proposition ou de mise en œuvre ? \*

- Oui  
 Non

15. Si oui, veuillez inclure les détails des réglementations proposées ou en cours de mise en œuvre dans la **feuille de calcul** fournie.

- J'ai ajouté des informations spécifiques à l'espèce dans la feuille de calcul.  
 Non applicable

16. Avez-vous établi d'autres mesures de conservation pour les espèces figurant à l'Annexe 1 dans votre zone de juridiction nationale ? \*

- Oui  
 Non

17. Si oui, veuillez inclure les détails des mesures de conservation dans la **feuille de calcul** fournie.

*Le Muséum National d'Histoire Naturelle mène actuellement un travail de cartographie de la présence et la sensibilité de différentes espèces d'élastomobranches (voir Stephan et al., 2022 au point 23).*

- J'ai ajouté des informations spécifiques à l'espèce sur la feuille de calcul.  
 Non applicable

### Coopération

18. Coopérez-vous avec d'autres Signataires ou ONG sur la mise en œuvre du MdE sur les requins et de son Plan de conservation ? \*

RAS

Click or tap here to enter text.

19. Avez-vous identifié le besoin, ou avez-vous une demande de coopération avec d'autres Signataires ou Partenaires Coopérants pour mettre en œuvre le Plan de Conservation dans votre pays/région ? Par exemple, un organisme régional de pêche pertinent. \*

RAS

Click or tap here to enter text.

20. Avez-vous identifié des obstacles empêchant la coopération et le partenariat pour mettre en œuvre le MdE sur les requins et son Plan de conservation ? \*

RAS

Click or tap here to enter text.

### Capacité et matériaux

21. Quels sont les besoins en capacités que vous avez identifiés dans votre pays ? Veuillez fournir des détails. \*

*Cela pourrait inclure, mais sans s'y limiter, la formation, l'équipement, le matériel, le financement, la collecte de données, etc.*

Les besoins pourraient concerner davantage de moyens humains.

22. Quels guides d'identification régionaux (ou nationaux), et quelles lignes directrices pour une manipulation et une libération sûres utilisez-vous ? \*

*Veillez fournir une citation et un lien Internet. Si des guides nationaux peuvent être mis à la disposition d'autres signataires, veuillez les envoyer par courriel en format PDF à [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

### **Les guides d'identification suivants peuvent être mentionnés (liste non exhaustive) :**

Iglésias, S. (2020). *Piscibus Marinis—Guide des poissons marins, Europe et eaux adjacentes (Une classification naturelle basée sur des spécimens de collection,*

des barcodes ADN et des photos standardisées), Version provisoire.

[https://www.researchgate.net/publication/345774077\\_PISCIBUS\\_MARINIS\\_Guide\\_des\\_poissons\\_marins\\_Europe\\_et\\_eaux\\_adjacentes\\_-\\_Version\\_provisoire\\_11](https://www.researchgate.net/publication/345774077_PISCIBUS_MARINIS_Guide_des_poissons_marins_Europe_et_eaux_adjacentes_-_Version_provisoire_11)

Garren Francois (2020). Fiches d'aide à l'identification. Poissons, céphalopodes et décapodes. Mer du Nord, Manche, Golfe de Gascogne et mer Celtique.  
<https://archimer.ifremer.fr/doc/00353/46431/>

Séret Bernard. (2010). *Guide des requins, des raies et des chimères des pêches françaises*. Paris: Ministère de l'Alimentation, de l'Agriculture et de la Pêche, 153 p. Possibilité de demander le PDF à l'auteur au lien suivant:  
<https://www.documentation.ird.fr/hor/fdi:010049964>

Evano Hugues (2021). Guide d'identification des principales espèces marines pêchées à La Réunion - Espèces ciblées, accessoires et accidentelles. Version 4.  
<https://doi.org/10.13155/45287>

Metral Luisa, Brisset Blandine (2020). Fiches pratiques d'aide à l'identification des espèces marines de Méditerranée occidentale. Campagnes halieutiques. RBE/LHM 2015-001. <https://archimer.ifremer.fr/doc/00259/37002/>

**Les guides des bonnes pratiques suivants peuvent être mentionnés (liste non exhaustive) :**

FAO et ACCOBAMS (2018). Guide de bonnes pratiques pour la manipulation des requins et des raies capturés de manière accidentelle au cours d'activités de pêche à la palangre en Méditerranée. 10 p.  
<https://www.fao.org/3/i9152fr/i9152fr.pdf>

*Guide à destination des pêcheurs de raies en Manche-Mer du Nord réalisé dans le cadre du projet SUMARIS (programme Interreg 2 Mers) :*  
<https://sumaris-project.com/wp-content/uploads/2020/09/Identification-guide-FR-SUMARIS.pdf>

23. Veuillez envoyer tout document relatif à la conservation et à la gestion des espèces inscrites à l'Annexe 1 qui devrait être inclus dans le Hub d'information (<https://www.cms.int/sharks/en/sharks-mou-infohub>) à [fenella.wood@cms.int](mailto:fenella.wood@cms.int).  
Stephan P., Bousquet C., Elliott S., Durieux E., Lapinski M., Lalice C., Barreau T., Mayot S., Paillon C., Coulon N., Labourgade P., Carpentier A. & Acou A. (2022). Cartographier la présence et la sensibilité des différentes espèces d'élastomobranche réglementées de France métropolitaine. Sous-action 1 du programme d'action D01-PC-OE01-AN1 de la DCSMM cycle 2. Rapport préliminaire de l'UAR PatriNat et de l'Université de Corse.

- Les documents pertinents pour le Hub d'information ont été envoyés par courriel au Secrétariat.
- Non Applicable



## FRANCE NATIONAL REPORT

[EN translation]

**Report submitted by**

1. Surname \*  
Corbeau Clémence
2. Position \*  
France Focal Point for the Memorandum of Understanding on Migratory Sharks
3. Institution \*  
Ministry of Ecological Transition and Territorial Cohesion
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5. Contributors  
— Ministry of the Sea, Direction des Pêches Maritimes et de l'Aquaculture,  
Direction des Pêches Maritimes et de l'Aquaculture  
— Muséum National d'Histoire Natural

**Species in your area of national jurisdiction**

6. Signatory \*  
France
7. Please open the [Excel spreadsheet](#) provided to you by the Secretariat for your country. Use the spreadsheet to examine the status of Annex 1 species in your national jurisdiction. Once completed, please send the worksheet, together with this Word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int)). \*

The spreadsheet has been successfully downloaded

 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped or discarded) species listed in Annex 1 IN your area of national jurisdiction? \*

 Yes No

9. If yes, please report the information on catches by species in your area of national jurisdiction on **the spreadsheet** provided.

In the spreadsheet, I have added species-specific information.

 Not applicable

10. Do your vessels catch (landed, transhipped or discarded) species listed in Annex 1 EN DEHORS in your area of national jurisdiction? \*

 Yes No

11. If yes, please report the catch information by species outside your area of national jurisdiction on **the spreadsheet** provided.

In the spreadsheet, I have added species-specific information.

Not applicable

### Management and conservation measures

12. Are there species listed in Annex 1 that are protected or whose fisheries are managed? \*

Yes

No

13. If yes, please include details of protection measures or managed fisheries for each species in **the spreadsheet** provided. These may be national or supranational regulations or the implementation of Regional Fisheries Organisation measures.

In the spreadsheet, I added species-specific information.

Not applicable

14. Are there regulations for Annex 1 species currently being proposed or implemented? \*

Yes

No

15. If yes, please include details of the regulations proposed or being implemented in **the spreadsheet** provided.

In the spreadsheet, I added species-specific information.

Not applicable

16. Have you established other conservation measures for the species listed in Annex 1 in your area of national jurisdiction? \*

Yes

No

17. If yes, please include the details of conservation measures in **the spreadsheet** provided.

*The Muséum National d'Histoire Naturelle is currently carrying out a mapping of the presence and sensitivity of different elasmobranch species (see Stephan et al., 2022 under 23).*

In the spreadsheet, I added species-specific information.

Not applicable

### Cooperation

18. Will you cooperate with other Signatories or NGOs on the implementation of the Sharks MOE and its Conservation Plan? \*

RAS

Click or tap here to enter text.

19. Have you identified the need, or have you requested cooperation with other cooperating Signatories or Partners to implement the Conservation Plan in your country/region? For example, a relevant regional fisheries body. \*

RAS

Click or tap here to enter text.

20. Have you identified obstacles to cooperation and partnership to implement the Sharks MOE and its Conservation Plan? \*

RAS

Click or tap here to enter text.

### Capacity and materials

21. What capacity needs you have identified in your country? Please provide details. \*

*This could include, but is not limited to, training, equipment, materials, funding, data collection, etc.*

More human resources could be needed.

22. Which regional (or national) identification guides and guidelines for safe handling and release do you use? \*

*Please provide a quote and an internet link. If national guides can be made available to other signatories, please send them by email in PDF format [tofenella.wood@cms.int](mailto:tofenella.wood@cms.int)*

***The following identification guides may be mentioned (non-exhaustive list):***

Iglesias, S. (2020). *Piscibus Marinis-Guide for marine fish, Europe and adjacent waters (A natural classification based on standardised collection specimens, DNA barcodes and photos), Provisional version.*

[https://www.researchgate.net/publication/345774077\\_PISCIBUS\\_MARINIS\\_Guide\\_des\\_poissons\\_marins\\_Europe\\_et\\_eaux\\_adjacentes\\_-\\_Version\\_provisoire\\_11](https://www.researchgate.net/publication/345774077_PISCIBUS_MARINIS_Guide_des_poissons_marins_Europe_et_eaux_adjacentes_-_Version_provisoire_11)

Garren Francois (2020). Identification Help Sheets. Fish, cephalopods and decapodes. North Sea, Channel, Bay of Biscay and Celtic Sea.

<https://archimer.ifremer.fr/doc/00353/46431/>

Séret Bernard. (2010). *Guide for sharks, rays and chemoers of French peaches*. Paris: Ministry of Food, Agriculture and Fisheries, 153 p. Possibility of requesting the PDF from the author at the following link: <https://www.documentation.ird.fr/hor/fdi:010049964>

Evano Hugues (2021). Guide to the identification of the main marine species fished in Réunion – Targeted species, incidental and incidental species. Version 4.

<https://doi.org/10.13155/45287>

Metral Luisa, Brisset Blandine (2020). Practical factsheets for the identification of marine species in the western Mediterranean Sea. Fishing seasons. RBE/LHM 2015-001.  
<https://archimer.ifremer.fr/doc/00259/37002/>

***The following guides to good practice may be mentioned (non-exhaustive list):***

FAO and ACCOBAMS (2018). Guide to good practice for handling sharks and rays caught accidentally during longline fishing activities in the Mediterranean. 10 p.

<https://www.fao.org/3/i9152fr/i9152fr.pdf>

*Guide for skates and rays fishermen in the Channel North Sea under the SUMARIS project (Interreg 2 Seas programme):*

<https://sumaris-project.com/wp-content/uploads/2020/09/Identification-guide-FR-SUMARIS.pdf>

23. Please send any document related to the conservation and management of Annex 1 species that should be included in the information hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to fenella.wood@cms.int  
Stephan P., Bousquet C., Elliott S., Durieux E., Lapinski M., Laliche C., Barreau T., Mayot S., paillon C., Coulon N., Labourgade P., Carpentier A. & ACOU A. (2022). Map the presence and sensitivity of the various regulated elasmobranch species in metropolitan France. Sub-action 1 of the MSFD 2 Action Programme D01-PC-OE01-AN1. Preliminary report by the UAR PatriNat and the University of Corsica.

Documents relevant to the Information Hub were sent by email to the Secretariat.  
De – Not Applicable

## GERMANY NATIONAL REPORT

### Report submitted by

1. Name\*  
Dr. Rudolf Specht
2. Position\*  
Officer
3. Institution\*  
Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection, Germany; Divison N I 4: International Species Conservation, Wildlife Trade
4. Email\*  
NI4@bmu.bund.de
5. Contributors  
*If contributions were submitted by multiple entities*  
-Dr Manuel Dureuil, Dr Christian Pusch, Scientific Advisors, Federal Agency for Nature Conservation (BfN), Isle of Vilm, 18581 Putbus, Germany  
-Federal Agency for Agriculture and Food (BLE), Referat 531, Germany

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
Germany
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*
- Yes  
 No

9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

- 3 kg Squalus acanthias in GER EEZ – discarded
- 15 kg Squalus acanthias in GER EEZ – landed

\*Catches by german vessels in years 2017-2022

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes  
 No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

Discards:

- 11000 kg Cetorhinus maximus in GBR
- 2500 kg Cetorhinus maximus in IRL
- 35 kg Squalus acanthias in DNK
- 1291 kg Squalus acanthias in GBR
- 100 kg Squalus acanthias in IRL
- 15 kg Squalus acanthias in NOR
- 400 kg Lamna nasus in IRL

Landed:

- 357 kg Squalus acanthias in NOR
- 132 kg Squalus acanthias in GBR
- 60 kg Squalus acanthias in DNK
- 102 kg Lamna nasus in GBR

\*Catches by german vessels in years 2017-2022

*Please provide information on species that are caught (landed, transhipped, or discarded).*

Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.

Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.

- I have added species-specific information to the spreadsheet  
 Not applicable

### Management and conservation measures

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

*Please infill **column J** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

- Yes  
 No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

- Yes  
 No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

### Cooperation

18. Are you cooperating with other Signatories or NGOs on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

No

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

*The need for cooperation has been identified. A scientific study by Zidowitz et al. (2017) has been conducted between July 2013 and February 2016 on the collection and evaluation of historical and current data concerning the occurrence of chondrichthyan species in the North and Baltic Seas. Close ecological connectivity exist between the German and adjacent areas of the Dogger Bank. Therefore, according to Zidowitz et al. (2017) conservation measurements for chondrichthyans in the Natura 2000 site Dogger Bank should be based on a cross-border concept. An international network of protected sites in the North Sea area could also be helpful for re-introductions of extinct and critically endangered species.*

20. Have you identified any barriers preventing cooperation and partnership to implement the Sharks MOU and its Conservation Plan? \*

*Please describe.*

No

### Capacity and materials

21. What capacity needs have you identified in your country? Please provide details.  
\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*According to ZIDOWITZ et al. (2017) filling of still existing gaps in knowledge would support elaboration and successful implementation of measures for the improvement of the conservation status of chondrichthyans in German waters. Future research concerning chondrichthyan species established in German waters should therefore for instance focus on the following points: compilation of further historical occurrence data, analysis of parameters of stock structure and reproduction biology, identification of important reproduction and nursery areas, clarification of migration patterns and habitat use, collection of species specific data of catch and bycatch, analysis of the effects of electromagnetic fields, investigation and modelling of the influence of changed climatic conditions. The introduction of special monitoring programmes for chondrichthyans seems to be useful for certain questions, e.g. in case of data collection with regard to the impact of recreational fishing on chondrichthyans.*

22. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

*The Federal Agency for Agriculture and Food (BLE) has translated the Commercial Fisheries Advisories developed by Shark Trust for 18 species of skates and rays into German (<https://www.sharktrust.org/german>).*

23. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

## GREECE NATIONAL REPORT

### Report submitted by

1. Name\*  
MRS MARINA PETROU
2. Position\*  
Director General for Fisheries
3. Institution\*  
HELLENIC MINISTRY OF RURAL DEVELOPMENT & FOOD
4. Email\*  
mpetrou@minagric.gr
5. Contributors  
*If contributions were submitted by multiple entities*  
FRI (Fisheries Research Institute)

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
European Union
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet
8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*
    - Yes
    - No
  9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet
- Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes
- No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet
- Not applicable

## Management and conservation measures

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

*Please infill **column J** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

- Yes  
 No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

- Yes  
 No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

## Cooperation

18. Are you cooperating with other Signatories on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

No

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

No

### Capacity and materials

20. What capacity needs have you identified in your country? Please provide details. \*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*Training, equipment, materials, funding, data collection*

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

*We use the identification guide of the Fisheries Research Institute. We also follow the "Good practice guide for the handling of sharks and rays caught incidentally in Mediterranean pelagic longline fisheries".*

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

## IRELAND NATIONAL REPORT

### Report submitted by

1. Name\*  
Susan Coughlan
2. Position\*  
Data Unit Manager
3. Institution\*  
Sea Fisheries Protection Authority
4. Email\*  
Susan.Coughlan@sfpa.ie
5. Contributors  
*If contributions were submitted by multiple entities*  
Sarah.Buckley@sfpa.ie

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
European Union
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*
- Yes  
 No

9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.

Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.

- I have added species-specific information to the spreadsheet  
 Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes  
 No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.

Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.

- I have added species-specific information to the spreadsheet  
 Not applicable

### Management and conservation measures

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

Please infill **column J** on the spreadsheet for each species.

- I have added species-specific information to the spreadsheet

Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

Yes

No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

Yes

No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

(Also added to the spreadsheet under Picked dogfish)

Research

Effective Official Controls for Species ID including migratory sharks

This project explores how the Irish Fisheries Control Authority (SFPA) could utilise DNA technology for use by Sea Fisheries Protection Officers (SFPOs) to rapidly identify species at landing and in food business establishments. Research is underway on the use of hand-held DNA technology for fisheries conservation/enforcement of legalisation internationally to establish best practice. This would include undertaking a pilot programme of use of devices by SFPOs with a view to finalising protocols/workflows for the use of the devices as part of operations including inspections and use of the test results in criminal cases.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

## Cooperation

18. Are you cooperating with other Signatories on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

Click or tap here to enter text.

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

Click or tap here to enter text.

### Capacity and materials

20. What capacity needs have you identified in your country? Please provide details.  
\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

Training: Legislation and Official Controls performed by Sea Fisheries Protection Officers on Sharks and Rays, which includes migratory sharks

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

Promotional Material for Industry on Species Identification and Regulation to specific species including migratory sharks Advice to Industry (sfpa.ie)  
<https://www.sfpa.ie/Advice-Education/Advice-to-Industry#1480268-shark-trust-fisheries-advisories---sharks-skates--rays>

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

## LITHUANIA NATIONAL REPORT

### Report submitted by

1. Name\*  
Click or tap here to enter text.
2. Position\*  
Click or tap here to enter text.
3. Institution\*  
Click or tap here to enter text.
4. Email\*  
Click or tap here to enter text.
5. Contributors  
*If contributions were submitted by multiple entities*  
Click or tap here to enter text.

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
European Union  
[Lithuania]
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

*\*Spreadsheet has been duly provided by COM*

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*
 

Yes  
 No
9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes  
 No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

### **Management and conservation measures**

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

*Please infill **column J** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet

Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

Yes

No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

Yes

No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

## Cooperation

18. Are you cooperating with other Signatories on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

No

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

No

## Capacity and materials

20. What capacity needs have you identified in your country? Please provide details.  
\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*Training of observers/fisheries inspectors (high seas)*

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

<https://www.fao.org/documents/card/en/c/c101ff06-00d9-4721-9e6e-549efdcecd6e/>;  
<https://www.dfo-mpo.gc.ca/species-especies/sharks/identify-eng.html#speciesTable> ;  
<https://www.fishbase.de> ;

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int). [North Atlantic Sharks Relevant to Fisheries Management. A Pocket Guide \(fao.org\)](#)

N/a

## MALTA NATIONAL REPORT

### Report submitted by

1. Name\*  
Kelly Camilleri
2. Position\*  
Assistant Manager
3. Institution\*  
Department of Fisheries and Aquaculture
4. Email\*  
Kelly.camilleri.1@gov.mt
5. Contributors  
*If contributions were submitted by multiple entities*  
Click or tap here to enter text.

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
Malta  
Choose an item.
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*  
 Yes  
 No
9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes  
 No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

### **Management and conservation measures**

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

*Please infill **column J** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet

Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

Yes

No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

Yes

No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

I have added species-specific information to the spreadsheet

Not applicable

## Cooperation

18. Are you cooperating with other Signatories on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

No

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

*GFCM and ICCAT*

## Capacity and materials

20. What capacity needs have you identified in your country? Please provide details.  
\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*Technical training on the collection of data along with the necessary equipment and funding.*

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

Identification guide: SHARKS, RAYS AND CHIMAERAS IN MEDITERRANEAN AND BLACK SEAS:

<https://www.fao.org/3/cc0830en/cc0830en.pdf>

Safe handling and release guidelines: GOOD PRACTICE GUIDE FOR THE HANDLING OF SHARKS AND RAYS CAUGHT INCIDENTALLY IN MEDITERRANEAN PELAGIC LONGLINE FISHERIES

<https://www.fao.org/3/i9152en/i9152en.pdf>

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

## SPAIN NATIONAL REPORT

### Report submitted by

1. Name\*  
Teresa Molina Schmid
2. Position\*  
Deputy Director, Agreements and RFMO
3. Institution\*  
General Fisheries Secretariat, ESPAÑA
4. Email\*  
orgmulpm@mapa.es
5. Contributors  
*If contributions were submitted by multiple entities*  
Click or tap here to enter text.

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
European Union
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*  
 Yes  
 No
9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes  
 No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet  
 Not applicable

### **Management and conservation measures**

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

*Please infill **column J** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet
- Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

- Yes
- No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet
- Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

- Yes
- No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet
- Not applicable

## Cooperation

18. Are you cooperating with other Signatories on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

No.

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

No.

### **Capacity and materials**

20. What capacity needs have you identified in your country? Please provide details. \*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*No new needs identified.*

21. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

One of the most interactive fleet with the sharks and rays species are the surface longline fleet which develops from time to time best practices guides. These are voluntary measures applied by the longline fleet. The last guide is attached to this report. It is property of the longline fleet developers and SHOULD NOT be distributed.

22. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-fohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

## SWEDEN NATIONAL REPORT

### Report submitted by

1. Name\*  
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2. Position\*  
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Bart Adriaenssens, Swedish Agency for Marine and Water Management (SWaM)

### Species in your area of national jurisdiction

6. Signatory\*  
*Please select the Signatory you represent*  
Sweden
7. Please open the [excel spreadsheet](#) that you were provided for your country by the Secretariat. Use the spreadsheet to review the status of Annex 1-listed species in your national jurisdiction. Once complete, please email the spreadsheet, along with this word document, to the Secretariat ([fenella.wood@cms.int](mailto:fenella.wood@cms.int))

*Please contact the Secretariat if you have any difficulty accessing the spreadsheet or require additional advice and support to complete the spreadsheet.*

- I have downloaded the spreadsheet successfully  
 I could not download the spreadsheet

8. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species WITHIN your area of national jurisdiction? \*
 

Yes  
 No
9. If yes, please report species-specific catch information within your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column F** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column G**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet
- Not applicable

10. Do your vessels catch (landed, transhipped, or discarded) any Annex 1-listed species OUTSIDE of your area of national jurisdiction? \*

- Yes
- No

11. If yes, please report species-specific catch information outside of your area of national jurisdiction on the **spreadsheet** provided.

*Please provide information on species that are caught (landed, transhipped, or discarded).*

*Please infill **column H** on the spreadsheet for each species. There is a drop-down list for you to use with the following options: 'taking occurs', 'taking potentially occurs', 'taking does not occur', 'unknown' or 'not applicable'.*

*Please provide any additional information in **column I**, for example links to publicly available reports that may contain relevant data.*

- I have added species-specific information to the spreadsheet
- Not applicable

## Management and conservation measures

12. Are any Annex 1-listed species protected or have a managed fishery? \*

- Yes  
 No

13. If yes, please include details of protection measures or managed fisheries for each species in the **spreadsheet** provided.

*These could include national, supranational regulations or the implementation of Regional Fisheries Body measures.*

*Please infill **column J** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

14. Are there any regulations concerning Annex 1-listed species currently in the process of being proposed or implemented? \*

- Yes  
 No

15. If yes, please include details of the proposed or in the process of implementation in the **spreadsheet** provided.

*Please infill **column K** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

16. Have you established other conservation measures for Annex 1-listed species in your area of national jurisdiction? \*

- Yes  
 No

17. If yes, please include details of the conservation measures in the **spreadsheet** provided.

*These could include activities including research, capacity building, training, habitat conservation, etc.*

*Please infill **column L** on the spreadsheet for each species.*

- I have added species-specific information to the spreadsheet  
 Not applicable

## Cooperation

18. Are you cooperating with other Signatories or NGOs on the implementation of the Sharks MOU and its Conservation Plan? \*

*Please provide details of the cooperation.*

Several relevant measures taken within the NEAFC North East Atlantic Fisheries Organisation:

- Recommendation 10:2015: [https://www.neafc.org/system/files/Rec10\\_Shark-fins.pdf](https://www.neafc.org/system/files/Rec10_Shark-fins.pdf) ;
- Recommendation 8 : 2020: <https://www.neafc.org/system/files/Recommendation-08-Basking%20shark.pdf> ;
- Recommendation 9: 2020: [https://www.neafc.org/system/files/Recommendation-09\\_Deep-Sea-Sharks.pdf](https://www.neafc.org/system/files/Recommendation-09_Deep-Sea-Sharks.pdf) ;
- Recommendation 7 : 2020: <https://www.neafc.org/system/files/Recommendation-07-Porbeagle.pdf>
- Pending measure: Recommendation 05 : 2023 [https://www.neafc.org/system/files/Recommendation-05\\_Spurdog.pdf](https://www.neafc.org/system/files/Recommendation-05_Spurdog.pdf)

Assessment for basking shark under Convention for the Protection of the Marine Environment of the North-East Atlantic OSPAR. <https://oap.ospar.org/en/ospar-assessments/committee-assessments/biodiversity-committee/status-assesments/basking-shark/>

19. Have you identified the need, or do you have a request for cooperation with other Signatories or Cooperating Partners to implement the Conservation Plan within your country/region? For example a relevant Regional Fisheries Body. \*

*Please describe.*

No

20. Have you identified any barriers preventing cooperation and partnership to implement the Sharks MOU and its Conservation Plan? \*

No.

Click or tap here to enter text.

### **Capacity and materials**

21. What capacity needs have you identified in your country? Please provide details.

\*

*This could include, but not limited to, training, equipment, materials, funding, data collection etc.*

*No specific needs at the moment. As an EU member Sweden contributes to shark catch data collection efforts within the framework of EU:s Data Collection Framework in support for scientific advice regarding the common fisheries policy (see Regulation (EU) 2017/1004). The International Council for the Exploration of the Sea (ICES) Working Group on Elasmobranch Fishes (ICES WGEF) further provides assessments and advice on the state of the stocks of sharks, skates, and rays throughout the ICES area.*

*<http://www.ices.dk/community/groups/Pages/WGEF.aspx>*

22. What regional (or national) identification guides, and safe handling and release guidelines do you use? \*

*Please provide citation and internet link. If national guides can be made available to other Signatories, please email them as a PDF to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).*

*Stenberg, C., Nyman, L. & Svensson, M. 2015. Västerhavets hajar och rockor. ArtDatabanken SLU, Uppsala*

*<https://www.havochvatten.se/download/18.41e6a25314de03413504501/1434027833128/vasterhavets-hajar-och-rockor.pdf>*

23. Please send any documents related to the conservation and management of Annex 1-listed species that should be included in the Info Hub (<https://www.cms.int/sharks/en/sharks-mou-infohub>) to [fenella.wood@cms.int](mailto:fenella.wood@cms.int).

- Relevant documents for the Info Hub have been emailed to the Secretariat  
 Not Applicable

Espèce		Statut des espèces dans votre zone de juridiction nationale selon l'IUCN	Statut des espèces dans votre zone de juridiction nationale	Espèces que vos navires capturent DANS votre zone de juridiction nationale <sup>1</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale	Espèces que les navires de votre pavillon capturent EN DEHORS des limites de votre juridiction nationale <sup>2</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale
Nom scientifique	Nom commun (anglais)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Alopias vulpinus</i>	Common Thresher Shark	Existant (Résident)	Existant (Résident)	La prise a lieu	Jeu de données SACROIS	La prise a lieu	Jeu de données SACROIS
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Ne se produit pas	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Carcharhinus falciformis</i>	Silky Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Carcharhinus obscurus</i>	Dusky Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Carcharodon carcharias</i>	Great White Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Cetorhinus maximus</i>	Basking Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Existant (Résident)	Existant (Résident)	La prise a lieu	Jeu de données SACROIS	La prise a lieu	Jeu de données SACROIS
<i>Isurus paucus</i>	Longfin Mako Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS

<sup>1</sup> Espèces que vos navires capturent (débarquées, transbordé ou rejetées) DANS votre zone de juridiction nationale.

<sup>2</sup> Espèces que les navires de votre pavillon capturent (débarquées, transbordé ou rejetées) EN DEHORS des limites de votre juridiction nationale. Cela inclut également les navires ayant le potentiel de capturer ces espèces.

Espèce		Statut des espèces dans votre zone de juridiction nationale selon l'IUCN	Statut des espèces dans votre zone de juridiction nationale	Espèces que vos navires capturent DANS votre zone de juridiction nationale <sup>1</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale	Espèces que les navires de votre pavillon capturent EN DEHORS des limites de votre juridiction nationale <sup>2</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale
Nom scientifique	Nom commun (anglais)						
<i>Lamna nasus</i>	Porbeagle	Existant (Résident)	Existant (Résident)	La prise a lieu	Jeu de données SACROIS	La prise ne se produit pas	RAS
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula eregoodootenkee</i> ( <i>Mobula eregoodoo</i> )	Longhorn ed Pygmy Devil Ray	Possiblement existant	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula japonica</i> (Veuillez entrer des informations sous <i>Mobula mobular</i> )	Japanese Devil Ray	Possiblement existant	Existant (Résident)				
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Possiblement existant	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula mobular</i>	Giant Devil Ray	Possiblement existant	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula munkiana</i>	Pygmy Devil Ray	Ne se produit pas	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula rochebrunei</i> (Veuillez entrer des informations)	Lesser Guinean Devil Ray	Existant (Résident)	Existant (Résident)				

Espèce		Statut des espèces dans votre zone de juridiction nationale selon l'IUCN	Statut des espèces dans votre zone de juridiction nationale	Espèces que vos navires capturent DANS votre zone de juridiction nationale <sup>1</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale	Espèces que les navires de votre pavillon capturent EN DEHORS des limites de votre juridiction nationale <sup>2</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale
Nom scientifique	Nom commun (anglais)						
<i>dans la catégorie Mobula hypostoma)</i>							
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Possiblement existant	Possiblement existant	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Pristis clavata</i>	Dwarf Sawfish	Ne se produit pas	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Pristis pectinata</i>	Smalltooth Sawfish	Présence incertaine	Possiblement existant	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Pristis pristis</i>	Large-toothed Sawfish	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Pristis zijsron</i>	Green Sawfish	Ne se produit pas	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Rhincodon typus</i>	Whale Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	Ne se produit pas	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	Ne se produit pas	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	Ne se produit pas	Ne se produit pas	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS

Espèce		Statut des espèces dans votre zone de juridiction nationale selon l'IUCN	Statut des espèces dans votre zone de juridiction nationale	Espèces que vos navires capturent DANS votre zone de juridiction nationale <sup>1</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale	Espèces que les navires de votre pavillon capturent EN DEHORS des limites de votre juridiction nationale <sup>2</sup>	Tout document justificatif pour les captures dans votre zone de juridiction nationale
Nom scientifique	Nom commun (anglais)						
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Existant (Résident)	Existant (Résident)	La prise ne se produit pas	RAS	La prise ne se produit pas	RAS
<i>Squalus acanthias</i>	Spiny Dogfish	Existant (Résident)	Existant (Résident)	La prise a lieu	Jeu de données SACROIS	La prise a lieu	Jeu de données SACROIS
<i>Squatina squatina</i>	Angelshark	Existant (Résident)	Existant (Résident)	La prise a lieu	Jeu de données SACROIS	La prise ne se produit pas	RAS

Espèce <sup>3</sup>		Détails des mesures de conservation pour chaque espèce	Commentaires, y compris les sources d'information, les ressources et les liens
Nom scientifique	Nom commun (anglais)		
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	La pêche est interdite à la Martinique <a href="#">ICCAT Rec. 09-07</a>	Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique Interdiction de les retenir à bord, transborder, débarquer, stocker, vendre à l'exception de la pêche côtière du Mexique lorsque la prise est de moins de 110 poissons
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	La pêche est interdite à la Martinique <a href="#">ICCAT Rec. 09-07</a>	Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique Interdiction de les retenir à bord, transborder, débarquer, stocker, vendre à l'exception de la pêche côtière du Mexique lorsque la prise est de moins de 110 poissons
<i>Alopias vulpinus</i>	Common Thresher Shark	La pêche est interdite à Mayotte La pêche est interdite à la Martinique <a href="#">ICCAT Rec. 09-07</a> / <a href="#">CTOI Rec. 12/09</a>	Arrêté préfectoral n°2018/DMSOI/601 du 28/06/18 portant réglementation de l'exercice de la pêche maritime dans les eaux du département de Mayotte Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique Interdiction de les retenir à bord, transborder, débarquer, stocker, vendre à l'exception de la pêche côtière du Mexique lorsque la prise est de moins de 110 poissons
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Carcharhinus falciformis</i>	Silky Shark	Interdiction de détenir à bord des <i>Carcharhinus falciformis</i> capturés dans toutes les pêcheries La pêche est interdite à la Martinique <a href="#">WCPFC CMM 2019-04</a> <a href="#">IATTC Rec. C-21-06</a> <a href="#">ICCAT Rec.11-08</a>	Règlement (UE) 2022/109 du Conseil du 27 janvier 2022 établissant, pour 2022, les possibilités de pêche pour certains stocks halieutiques et groupes de stocks halieutiques, applicables dans les eaux de l'Union et, pour les navires de pêche de l'Union, dans certaines eaux n'appartenant pas à l'Union Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique Interdiction de conserver à bord, de transborder, de stocker sur un navire de pêche ou de débarquer tout ou partie du requin océanique ou du requin soyeux. Pour les senneurs : interdiction de conserver à bord, de transborder, de débarquer, de stocker, de vendre ou de proposer à la vente tout ou partie des carcasses. S'il y a une congélation accidentelle, ramener le requin aux autorités nationales. Le requin ne peut être vendu mais peut être donné à des fins de consommation domestique humaine. Pour les palangriers ne pêchant pas de requin : maximum 20% du poids total des captures sinon interdiction d'utiliser des leaders en aciers durant 3 mois consécutifs chaque année. Les

<sup>3</sup> Les colonnes suivantes ont été supprimées du tableau, car elles n'ont pas trouvé de réponse, sauf à se référer aux autres colonnes indiquées: 'Détails des mesures de protection ou des pêcheries gérées pour chaque espèce' and 'Détails des réglementations actuellement proposées ou mises en œuvre pour chaque espèce'.

Espèce <sup>3</sup>		Détails des mesures de conservation pour chaque espèce	Commentaires, y compris les sources d'information, les ressources et les liens
Nom scientifique	Nom commun (anglais)		
			navires ne doivent pas pêcher dans les zones de mise bas des requins soyeux. Les données doivent être transmises à l'IATTC. (Cette recommandation ne s'applique pas aux navires de moins de 12 m utilisant des engins à commande manuelle.) Obligation de remise à l'eau, qu'ils soient morts ou vivants. Interdiction de retenir à bord, de transborder ou débarquer une partie ou l'intégralité de la carcasse du requin soyeux.
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	La pêche est interdite à la Martinique <a href="#">WCPFC CMM 2019-04</a>  IATTC Rec. C-11-10  <a href="#">CTOI Rec. 13-06</a> <a href="#">ICCAT Rec.10-07</a>	Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique Interdiction de conserver à bord, de transborder, de stocker sur un navire de pêche ou de débarquer tout ou partie du requin océanique ou du requin soyeux. Interdiction de retenir à bord, de transborder, débarquer ou stocker toute carcasse entière ou partielle de requin océanique. Déclaration des rejets en indiquant leur statut. Interdiction de retenir à bord, de transborder, débarquer ou stocker tout ou partie des carcasses de requins océaniques. Exceptions : pêcheries artisanales en ZEE et prélèvement d'échantillons biologiques par les observateurs scientifiques. Interdiction de retenir à bord, de transborder, de débarquer, de stocker, de vendre, ou d'offrir à la vente une partie ou la totalité de la carcasse des requins océaniques dans toute pêcherie
<i>Carcharhinus obscurus</i>	Dusky Shark	RAS	RAS
<i>Carcharodon carcharias</i>	Great White Shark	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente La pêche est interdite à Mayotte	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques Arrêté préfectoral n°2018/DMSOI/601 du 28/06/18 portant réglementation de l'exercice de la pêche maritime dans les eaux du département de Mayotte
<i>Cetorhinus maximus</i>	Basking Shark	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente La pêche est interdite à Mayotte	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques Arrêté préfectoral n°2018/DMSOI/601 du 28/06/18 portant réglementation de l'exercice de la pêche maritime dans les eaux du département de Mayotte
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	<a href="#">ICCAT Rec. 10-06</a> <a href="#">ICCAT Rec. 21-09</a> <a href="#">ICCAT Rec. 14-06</a>	Les CPC qui ne déclarent pas les données sur les requins-taupes bleus ont l'interdiction de retenir cette espèce tant que ces données n'auront pas été reçues Les CPC devront mettre en œuvre une interdiction de retenir à bord, de transborder et de débarquer, en totalité ou en partie, le requin-taupe bleu de l'Atlantique Nord capturé en

Espèce <sup>3</sup>		Détails des mesures de conservation pour chaque espèce	Commentaires, y compris les sources d'information, les ressources et les liens
Nom scientifique	Nom commun (anglais)		
			association avec les pêcheries de l'ICCAT en 2022 et 2023, en tant que première étape du rétablissement du stock. Inclure dans le rapport annuel des informations sur les mesures que les CPC ont prises au niveau national en vue de contrôler les captures été de conserver et gérer le requin-taupe bleu.
<i>Isurus paucus</i>	Longfin Mako Shark	RAS	RAS
<i>Lamna nasus</i>	Porbeagle	Pêche interdite pour les navires européens et pays tiers dans toutes les eaux <a href="#">Arrêté national du 16 septembre 2009</a> <a href="#">ICCAT Rec. 15-06</a>	Règlement (UE) 2022/109 du Conseil du 27 janvier 2022 établissant, pour 2022, les possibilités de pêche pour certains stocks halieutiques et groupes de stocks halieutiques, applicables dans les eaux de l'Union et, pour les navires de pêche de l'Union, dans certaines eaux n'appartenant pas à l'Union Arrêté du 16 septembre 2009 portant création d'une licence pour la pêche professionnelle du requin taupe ( <i>Lamna nasus</i> ) REQUIN-TAUPE COMMUN CAPTURÉ EN ASSOCIATION AVEC LES PÊCHERIES DE L'ICCAT: Les requins-taupes communs capturés doivent être remis à l'eau indemnes lorsque cela est possible. Déclaration des rejets et remises à l'eau de requins-taupes communs en indiquant l'état et déclaration des données à l'ICCAT.
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente La pêche est interdite à Mayotte	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques Arrêté préfectoral n°2018/DMSOI/601 du 28/06/18 portant réglementation de l'exercice de la pêche maritime dans les eaux du département de Mayotte
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Mobula eregoodootenkee</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques

Espèce <sup>3</sup>		Détails des mesures de conservation pour chaque espèce	Commentaires, y compris les sources d'information, les ressources et les liens
Nom scientifique	Nom commun (anglais)		
<i>Mobula japonica</i> (Veuillez entrer des informations sous <i>Mobula mobular</i> )	Japanese Devil Ray		
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Mobula mobular</i>	Giant Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Mobula munkiana</i>	Pygmy Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Mobula rochebrunei</i> (Veuillez entrer des informations dans la catégorie <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray		
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Pristis clavata</i>	Dwarf Sawfish	Interdiction de pêcher, de détenir à bord, de transborder, de	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques

Espèce <sup>3</sup>		Détails des mesures de conservation pour chaque espèce	Commentaires, y compris les sources d'information, les ressources et les liens
Nom scientifique	Nom commun (anglais)		
		débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	
<i>Pristis pectinata</i>	Smalltooth Sawfish	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Pristis pristis</i>	Largetooth Sawfish	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Pristis zijsron</i>	Green Sawfish	Interdiction de pêcher, de détenir à bord, de transborder, de débarquer, de stocker, de vendre, d'exposer ou de mettre en vente	Règlement (UE) 2019/1241 du Parlement européen et du Conseil du 20 juin 2019 relatif à la conservation des ressources halieutiques et à la protection des écosystèmes marins par des mesures techniques
<i>Rhincodon typus</i>	Whale Shark	Pêche interdite pour les navires européens et pays tiers dans toutes les eaux La pêche est interdite à la Martinique <a href="#">WCPFC Rec. CMM 2019-04</a> <a href="#">IATTC Rec. C-19-06</a> <a href="#">CTOI Rec 13-05</a>	Règlement (UE) 2022/109 du Conseil du 27 janvier 2022 établissant, pour 2022, les possibilités de pêche pour certains stocks halieutiques et groupes de stocks halieutiques, applicables dans les eaux de l'Union et, pour les navires de pêche de l'Union, dans certaines eaux n'appartenant pas à l'Union Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique Interdiction de poser une senne coulissante sur un banc de thon associé à un requin baleine si l'animal est aperçu avant le début de la pose. Interdiction de retenir à bord, de transborder ou de débarquer tout requin-baleine capturé dans la zone de la Convention. Interdiction de fixer un filet à senne coulissante sur un banc de thon associé à la présence d'un requin baleine vivant, si l'animal est perçu avant le début de la descente. Ne s'applique pas aux pêcheries artisanales opérant dans leur ZEE. Interdiction d'installer intentionnellement une senne coulissante autour d'un requin-baleine.
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Pêche interdite en Méditerranée pour navires européens et pour pays tiers	Règlement (UE) 2022/109 du Conseil du 27 janvier 2022 établissant, pour 2022, les possibilités de pêche pour certains stocks halieutiques et groupes de stocks halieutiques, applicables dans les eaux de l'Union et, pour les navires de pêche de l'Union, dans certaines eaux n'appartenant pas à l'Union :
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	RAS	RAS
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	La pêche est interdite à Mayotte	Arrêté préfectoral n°2018/DMSOI/601 du 28/06/18 portant réglementation de l'exercice de la pêche maritime dans les eaux du département de Mayotte

Espèce <sup>3</sup>		Détails des mesures de conservation pour chaque espèce	Commentaires, y compris les sources d'information, les ressources et les liens
Nom scientifique	Nom commun (anglais)		
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	<a href="#">ICCAT Rec.10-08</a>	Interdiction de retenir à bord, de transborder, de débarquer, de stocker, de vendre, ou d'offrir à la vente une partie ou la totalité de la carcasse. Exceptions : le requin-marteau tiburo et les CPC côtières en développement pour leur consommation locale.
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	La pêche est interdite à la Martinique	Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	La pêche est interdite à Mayotte La pêche est interdite à la Martinique	Arrêté préfectoral n°2018/DMSOI/601 du 28/06/18 portant réglementation de l'exercice de la pêche maritime dans les eaux du département de Mayotte Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	La pêche est interdite à la Martinique	Arrêté n°R02-2019-04-25-003 portant réglementation de la pêche maritime professionnelle en Martinique
<i>Squalus acanthias</i>	Spiny Dogfish	Pêche interdite pour les navires européens dans les eaux de l'Union des sous-zones CIEM 2, 3, 4, 5, 6, 7, 8, 9 et 10 + interdiction pêche ciblée des requins d'eau profonde dans la zone OPASE + interdiction de pêche pour les navires pays tiers dans les eaux de l'UE	Règlement (UE) 2022/109 du Conseil du 27 janvier 2022 établissant, pour 2022, les possibilités de pêche pour certains stocks halieutiques et groupes de stocks halieutiques, applicables dans les eaux de l'Union et, pour les navires de pêche de l'Union, dans certaines eaux n'appartenant pas à l'Union Dans le règlement TAC et Quota de 2023, il est prévu un TAC d'aiguillat commun
<i>Squatina squatina</i>	Angelshark	Pêche interdite dans les eaux de l'Union des sous-zones CIEM 2, 3, 4, 5, 6, 7, 8, 9 et 10, sauf dans le cadre des programmes visant à éviter les prises accessoires	Règlement (UE) 2022/109 du Conseil du 27 janvier 2022 établissant, pour 2022, les possibilités de pêche pour certains stocks halieutiques et groupes de stocks halieutiques, applicables dans les eaux de l'Union et, pour les navires de pêche de l'Union, dans certaines eaux n'appartenant pas à l'Union

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Doesn't Occur	Doesn't Occur				
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Doesn't Occur	Doesn't Occur				
<i>Alopias vulpinus</i>	Common Thresher Shark	Extant (Resident)	Extant (Resident)				
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Doesn't Occur	Doesn't Occur				
<i>Carcharhinus falciformis</i>	Silky Shark	Doesn't Occur	Doesn't Occur				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Doesn't Occur	Doesn't Occur				
<i>Carcharhinus obscurus</i>	Dusky Shark	Doesn't Occur	Doesn't Occur				
<i>Carcharodon carcharias</i>	Great White Shark	Doesn't Occur	Doesn't Occur				
<i>Cetorhinus maximus</i>	Basking Shark	Extant (Resident)	Presence Uncertain		Taking occurs		
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Doesn't Occur	Doesn't Occur				
<i>Isurus paucus</i>	Longfin Mako Shark	Doesn't Occur	Doesn't Occur				
<i>Lamna nasus</i>	Porbeagle	Extant (Resident)	Extant (Resident)		Taking occurs		
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray	Doesn't Occur	Doesn't Occur				
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula eregoodootenkee</i>	Longhorned Pygmy Devil Ray	Doesn't Occur	Doesn't Occur				

<sup>1</sup> Species that your vessels catch (landed, transhipped or discarded) WITHIN your area of national jurisdiction.

<sup>2</sup> Species that your flag vessels are engaged in catching (landed, transhipped or discarded) OUTSIDE of your national jurisdiction limits. This also includes those vessels with the potential to take these species.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>(Mobula eregoodoo)</i>							
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> ).	Japanese Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula mobular</i>	Giant Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula munkiana</i>	Pygmy Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> ).	Lesser Guinean Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Pristis clavata</i>	Dwarf Sawfish	Doesn't Occur	Doesn't Occur				
<i>Pristis pectinata</i>	Smalltooth Sawfish	Doesn't Occur	Doesn't Occur				
<i>Pristis pristis</i>	Large-tooth Sawfish	Doesn't Occur	Doesn't Occur				
<i>Pristis zijsron</i>	Green Sawfish	Doesn't Occur	Doesn't Occur				
<i>Rhincodon typus</i>	Whale Shark	Doesn't Occur	Doesn't Occur				
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Doesn't Occur	Doesn't Occur				
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	Doesn't Occur	Doesn't Occur				
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	Doesn't Occur	Doesn't Occur				

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	Doesn't Occur	Doesn't Occur				
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Doesn't Occur	Doesn't Occur				
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Doesn't Occur	Doesn't Occur				
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Extant (Resident)	Doesn't Occur				
<i>Squalus acanthias</i>	Spiny Dogfish	Extant (Resident)	Extant (Resident)	Taking occurs	Taking occurs		
<i>Squatina squatina</i>	Angelshark	Possibly Extinct	Possibly Extinct				

Species		Details of protection measures or managed fisheries for each species.	Details of regulations currently being proposed or implemented for each species.	Details of conservation measures for each species.	Comments, including sources of information, resources and links.
Scientific name	Common name (English)				
<i>Alopias pelagicus</i>	Pelagic Thresher Shark				
<i>Alopias superciliosus</i>	Bigeye Thresher Shark				
<i>Alopias vulpinus</i>	Common Thresher Shark	No direct species-specific protection measures exist	The year-round exclusion of all mobile bottom-contacting gears in large parts of the Special Areas of Conservation (SACs) in the German EEZ of the North Sea was adopted by the EU-Commission as delegated act in December 2022 and is expected to be enforced in the near future. The conservation objectives and the proposed management measures in Marine Protected Areas in the German EEZ are focused on species and habitats that are listed on Annex I and II of the Habitat Directive and bird species protected according to the Birds Directive. The proposed measures are not primarily focused on the conservation of migratory sharks. According to Zidowitz <i>et al.</i> (2017) some sharks will benefit from the fisheries management measures as food availability will improve and zones for retreat will be established. The establishment of sufficient zones for retreat might be in the prerequisite for the recovery or even the return of extinct chondrichthyan species in German EEZ waters.		
<i>Anoxypristis cuspidata</i>	Narrow Sawfish				
<i>Carcharhinus falciformis</i>	Silky Shark				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark				
<i>Carcharhinus obscurus</i>	Dusky Shark				
<i>Carcharodon carcharias</i>	Great White Shark				
<i>Cetorhinus maximus</i>	Basking Shark	No direct species-specific protection measures exist	The year-round exclusion of all mobile bottom-contacting gears in large parts of the Special Areas of Conservation (SACs) in the German EEZ of the North Sea was adopted by the EU-Commission as delegated act in December 2022 and is expected		

Species		Details of protection measures or managed fisheries for each species.	Details of regulations currently being proposed or implemented for each species.	Details of conservation measures for each species.	Comments, including sources of information, resources and links.
Scientific name	Common name (English)				
			to be enforced in the near future. The conservation objectives and the proposed management measures in Marine Protected Areas in the German EEZ are focused on species and habitats that are listed on Annex I and II of the Habitat Directive and bird species protected according to the Birds Directive. The proposed measures are not primarily focused on the conservation of migratory sharks. According to Zidowitz <i>et al.</i> (2017) some sharks will benefit from the fisheries management measures as food availability will improve and zones for retreat will be established. The establishment of sufficient zones for retreat might be in the prerequisite for the recovery or even the return of extinct chondrichthyan species in German EEZ waters.		
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark				
<i>Isurus paucus</i>	Longfin Mako Shark				
<i>Lamna nasus</i>	Porbeagle	No direct species-specific protection measures exist	The year-round exclusion of all mobile bottom-contacting gears in large parts of the Special Areas of Conservation (SACs) in the German EEZ of the North Sea was adopted by the EU-Commission as delegated act in December 2022 and is expected to be enforced in the near future. The conservation objectives and the proposed management measures in Marine Protected Areas in the German EEZ are focused on species and habitats that are listed on Annex I and II of the Habitat Directive and bird species protected according to the Birds Directive. The proposed measures are not primarily focused on the conservation of migratory sharks. According to Zidowitz <i>et al.</i> (2017) some sharks will benefit from the fisheries management measures as food availability will improve and zones for retreat will be established. The establishment of sufficient zones for retreat might be in the prerequisite for the recovery or even the return of extinct chondrichthyan species in German EEZ waters.		
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray				

Species		Details of protection measures or managed fisheries for each species.	Details of regulations currently being proposed or implemented for each species.	Details of conservation measures for each species.	Comments, including sources of information, resources and links.
Scientific name	Common name (English)				
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray				
<i>Mobula eregoodootenkee</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray				
<i>Mobula hypostoma</i>	Atlantic Devil Ray				
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> ).	Japanese Devil Ray				
<i>Mobula kuhlii</i>	Shortfin Devil Ray				
<i>Mobula mobular</i>	Giant Devil Ray				
<i>Mobula munkiana</i>	Pygmy Devil Ray				
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> ).	Lesser Guinean Devil Ray				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray				
<i>Mobula thurstoni</i>	Bentfin Devil Ray				
<i>Pristis clavata</i>	Dwarf Sawfish				
<i>Pristis pectinata</i>	Smalltooth Sawfish				
<i>Pristis pristis</i>	Large-tooth Sawfish				
<i>Pristis zijsron</i>	Green Sawfish				
<i>Rhincodon typus</i>	Whale Shark				
<i>Rhinobatos rhinobatos</i>	Common Guitarfish				

Species		Details of protection measures or managed fisheries for each species.	Details of regulations currently being proposed or implemented for each species.	Details of conservation measures for each species.	Comments, including sources of information, resources and links.
Scientific name	Common name (English)				
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish				
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish				
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish				
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark				
<i>Sphyrna mokarran</i>	Great Hammerhead Shark				
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark				
<i>Squalus acanthias</i>	Spiny Dogfish	No direct species-specific protection measures exist	The year-round exclusion of all mobile bottom-contacting gears in large parts of the Special Areas of Conservation (SACs) in the German EEZ of the North Sea was adopted by the EU-Commission as delegated act in December 2022 and is expected to be enforced in the near future. The conservation objectives and the proposed management measures in Marine Protected Areas in the German EEZ are focused on species and habitats that are listed on Annex I and II of the Habitat Directive and bird species protected according to the Birds Directive. The proposed measures are not primarily focused on the conservation of migratory sharks. According to Zidowitz <i>et al.</i> (2017) some sharks will benefit from the fisheries management measures as food availability will improve and zones for retreat will be established. The establishment of sufficient zones for retreat might be in the prerequisite for the recovery or even the return of extinct chondrichthyan species in German EEZ waters.		
<i>Squatina squatina</i>	Angelshark	No direct species-specific protection measures exist	The year-round exclusion of all mobile bottom-contacting gears in large parts of the Special Areas of Conservation (SACs) in the German EEZ of the North Sea was adopted by the EU-Commission as delegated act in December 2022 and is expected to be enforced in the near future. The conservation objectives		

Species		Details of protection measures or managed fisheries for each species.	Details of regulations currently being proposed or implemented for each species.	Details of conservation measures for each species.	Comments, including sources of information, resources and links.
Scientific name	Common name (English)				
			and the proposed management measures in Marine Protected Areas in the German EEZ are focused on species and habitats that are listed on Annex I and II of the Habitat Directive and bird species protected according to the Birds Directive. The proposed measures are not primarily focused on the conservation of migratory sharks. According to Zidowitz <b>et al.</b> (2017) some sharks will benefit from the fisheries management measures as food availability will improve and zones for retreat will be established. The establishment of sufficient zones for retreat might be in the prerequisite for the recovery or even the return of extinct chondrichthyan species in German EEZ waters.		

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Doesn't Occur					
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Extant (Resident)					
<i>Alopias vulpinus</i>	Common Thresher Shark	Extant (Resident)		Taking potentially occurs			
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Doesn't Occur					
<i>Carcharhinus falciformis</i>	Silky Shark	Extant (Resident)	Doesn't Occur				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Extant (Resident)	Doesn't Occur				
<i>Carcharhinus obscurus</i>	Dusky Shark	Extant (Resident)					
<i>Carcharodon carcharias</i>	Great White Shark	Extant (Resident)					
<i>Cetorhinus maximus</i>	Basking Shark	Extant (Resident)					
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Extant (Resident)					
<i>Isurus paucus</i>	Longfin Mako Shark	Extant (Resident)	Doesn't Occur				
<i>Lamna nasus</i>	Porbeagle	Extant (Resident)					
<i>Manta alfredi (Mobula alfredi)</i>	Reef Manta Ray	Doesn't Occur					
<i>Manta birostris (Mobula birostris)</i>	Manta Ray	Extant (Resident)	Doesn't Occur				
<i>Mobula eregoodootenkee</i>	Longhorned Pygmy Devil Ray	Doesn't Occur					

<sup>1</sup> Species that your vessels catch (landed, transhipped or discarded) WITHIN your area of national jurisdiction.

<sup>2</sup> Species that your flag vessels are engaged in catching (landed, transhipped or discarded) OUTSIDE of your national jurisdiction limits. This also includes those vessels with the potential to take these species.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Mobula eregoodoo</i>							
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Doesn't Occur					
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray	Extant (Resident)					
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Doesn't Occur					
<i>Mobula mobular</i>	Giant Devil Ray	Extant (Resident)					
<i>Mobula munkiana</i>	Pygmy Devil Ray	Doesn't Occur					
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray	Doesn't Occur					
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Extant (Resident)	Doesn't Occur				
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Extant (Resident)	Doesn't Occur				
<i>Pristis clavata</i>	Dwarf Sawfish	Doesn't Occur					
<i>Pristis pectinata</i>	Smalltooth Sawfish	Doesn't Occur					
<i>Pristis pristis</i>	Large-tooth Sawfish	Doesn't Occur					
<i>Pristis zijsron</i>	Green Sawfish	Doesn't Occur					
<i>Rhincodon typus</i>	Whale Shark	Extant (Resident)	Doesn't Occur				
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Extant (Resident)					
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	Doesn't Occur					
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	Doesn't Occur					

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	Doesn't Occur					
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Extant (Resident)					
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Extant (Resident)					
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Extant (Resident)					
<i>Squalus acanthias</i>	Spiny Dogfish	Extant (Resident)					
<i>Squatina squatina</i>	Angelshark	Extant (Resident)					

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Alopias pelagicus</i>	Pelagic Thresher Shark				
<i>Alopias superciliosus</i>	Bigeye Thresher Shark				
<i>Alopias vulpinus</i>	Common Thresher Shark				
<i>Anoxypristis cuspidata</i>	Narrow Sawfish				
<i>Carcharhinus falciformis</i>	Silky Shark				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark				
<i>Carcharhinus obscurus</i>	Dusky Shark				
<i>Carcharodon carcharias</i>	Great White Shark	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>	there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)		
<i>Cetorhinus maximus</i>	Basking Shark	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
		and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark			there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	
<i>Isurus paucus</i>	Longfin Mako Shark				
<i>Lamna nasus</i>	Porbeagle	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray				
<i>Mobula eregoodootenkee</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Mobula hypostoma</i>	Atlantic Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Mobula japonica</i> (Please enter)	Japanese Devil Ray			there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>information under Mobula mobular)</i>					
<i>Mobula kuhlii</i>	Shortfin Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Mobula mobular</i>	Giant Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Mobula munkiana</i>	Pygmy Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which			

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
		is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Mobula thurstoni</i>	Bentfin Devil Ray	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which			

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
		is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Pristis clavata</i>	Dwarf Sawfish	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Pristis pectinata</i>	Smalltooth Sawfish	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Pristis pristis</i>	Large-tooth Sawfish	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	
<i>Pristis zijsron</i>	Green Sawfish				
<i>Rhincodon typus</i>	Whale Shark				
<i>Rhinobatos rhinobatos</i>	Common Guitarfish			there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish				
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish				
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
		%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf			
<i>Squalus acanthias</i>	Spiny Dogfish	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>			
<i>Squatina squatina</i>	Angelshark	The Directorate General for Fisheries of the Ministry of Rural Development & Food has published a Guide for the Recognition of sharks and skates, including protection measures, which is freely available to the public from the following link: <a href="http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf">http://www.alieia.minagric.gr/sites/default/files/announcementsFiles/2017%20%CE%9F%CE%94%CE%97%CE%93%CE%9F%CE%A3%20%CE%9A%CE%91%CE%A1%CE%A7%CE%91%CE%A1%CE%99%CE%A9%CE%9D%20%CE%9A%CE%91%CE%99%20%CE%A3%CE%95%CE%9B%CE%91%CE%A7%CE%99%CE%A9%CE%9D.pdf</a>		there is official ban for commercial and recreational fishery (Ministerial Decision 4531/83795/20-7-2016)	

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Doesn't Occur		Unknown			
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Extant (Resident)		Unknown			
<i>Alopias vulpinus</i>	Common Thresher Shark	Extant (Resident)		Unknown			
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Doesn't Occur		Unknown			
<i>Carcharhinus falciformis</i>	Silky Shark	Extant (Resident)		Unknown			
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Extant (Resident)		Unknown			
<i>Carcharhinus obscurus</i>	Dusky Shark	Extant (Resident)		Unknown			
<i>Carcharodon carcharias</i>	Great White Shark	Extant (Resident)		Unknown			
<i>Cetorhinus maximus</i>	Basking Shark	Extant (Resident)		Unknown			
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Extant (Resident)		Unknown			
<i>Isurus paucus</i>	Longfin Mako Shark	Extant (Resident)		Unknown			
<i>Lamna nasus</i>	Porbeagle	Extant (Resident)		Taking occurs	Logs (discards)	Taking does not occur	
<i>Manta alfredi (Mobula alfredi)</i>	Reef Manta Ray	Doesn't Occur		Unknown			
<i>Manta birostris (Mobula birostris)</i>	Manta Ray	Extant (Resident)		Unknown			

<sup>1</sup> Species that your vessels catch (landed, transhipped or discarded) WITHIN your area of national jurisdiction.

<sup>2</sup> Species that your flag vessels are engaged in catching (landed, transhipped or discarded) OUTSIDE of your national jurisdiction limits. This also includes those vessels with the potential to take these species.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Mobula eregoodootenke</i> ( <i>Mobula eregoodoo</i> )	Longhorned Pygmy Devil Ray	Doesn't Occur		Unknown			
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Doesn't Occur		Unknown			
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray	Extant (Resident)					
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Doesn't Occur		Unknown			
<i>Mobula mobular</i>	Giant Devil Ray	Extant (Resident)		Unknown			
<i>Mobula munkiana</i>	Pygmy Devil Ray	Doesn't Occur		Unknown			
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray	Doesn't Occur					
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Extant (Resident)		Unknown			
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Extant (Resident)		Unknown			
<i>Pristis clavata</i>	Dwarf Sawfish	Doesn't Occur		Unknown			
<i>Pristis pectinata</i>	Smalltooth Sawfish	Doesn't Occur		Unknown			
<i>Pristis pristis</i>	Large-tooth Sawfish	Doesn't Occur		Unknown			
<i>Pristis zijsron</i>	Green Sawfish	Doesn't Occur		Unknown			

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Rhincodon typus</i>	Whale Shark	Extant (Resident)		Unknown			
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Extant (Resident)		Unknown			
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	Doesn't Occur		Unknown			
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	Doesn't Occur		Unknown			
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	Doesn't Occur		Unknown			
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Extant (Resident)		Unknown			
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Extant (Resident)		Unknown			
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Extant (Resident)		Unknown			
<i>Squalus acanthias</i>	Spiny Dogfish	Extant (Resident)		Taking occurs	Logsheets & Sales Notes, discards	Taking does not occur	
<i>Squatina squatina</i>	Angelshark	Extant (Resident)		Unknown			

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Alopias pelagicus</i>	Pelagic Thresher Shark				
<i>Alopias superciliosus</i>	Bigeye Thresher Shark				
<i>Alopias vulpinus</i>	Common Thresher Shark				
<i>Anoxypristis cuspidata</i>	Narrow Sawfish				
<i>Carcharhinus falciformis</i>	Silky Shark				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark				
<i>Carcharhinus obscurus</i>	Dusky Shark				
<i>Carcharodon carcharias</i>	Great White Shark				
<i>Cetorhinus maximus</i>	Basking Shark		Protected under the Wildlife Act since 2022		
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark				
<i>Isurus paucus</i>	Longfin Mako Shark				
<i>Lamna nasus</i>	Porbeagle		Prohibited species e.g. Council regulation 2022/109		Landing has not occurred since 2010, discarding occurs
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray				
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Mobula eregoodootenkee</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray				
<i>Mobula hypostoma</i>	Atlantic Devil Ray				
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray				
<i>Mobula kuhlii</i>	Shortfin Devil Ray				
<i>Mobula mobular</i>	Giant Devil Ray				
<i>Mobula munkiana</i>	Pygmy Devil Ray				
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray				
<i>Mobula thurstoni</i>	Bentfin Devil Ray				
<i>Pristis clavata</i>	Dwarf Sawfish				
<i>Pristis pectinata</i>	Smalltooth Sawfish				
<i>Pristis pristis</i>	Largetooth Sawfish				
<i>Pristis zijsron</i>	Green Sawfish				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Rhincodon typus</i>	Whale Shark		Prohibited species e.g. Council regulation 2022/109		
<i>Rhinobatos rhinobatos</i>	Common Guitarfish				
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish				
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish				
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish				
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark				
<i>Sphyrna mokarran</i>	Great Hammerhead Shark				
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark				
<i>Squalus acanthias</i>	Spiny Dogfish		Prohibited species e.g. Council regulation 2022/109, by catch only 2011- 2022, currently in 2023 a TAC is in place	Research	
<i>Squatina squatina</i>	Angelshark			Effective Official Controls for Species ID including migratory sharks This project explores how the Irish Fisheries Control Authority (SFPA) could utilise DNA technology for use by Sea Fisheries Protection Officers (SFPOs) to rapidly identify species at landing and in food business establishments. Research is underway on the	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
				use of hand-held DNA technology for fisheries conservation/enforcement of legislation internationally to establish best practice. This would include undertaking a pilot programme of use of devices by SFPOs with a view to finalising protocols/workflows for the use of the devices as part of operations including inspections and use of the test results in criminal cases.	

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Extant (Resident)	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Alopias vulpinus</i>	Common Thresher Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Carcharhinus falciformis</i>	Silky Shark	Extant (Resident)	Extant Vagrant	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking occurs	Diario electrónico de Abordo (DEA)
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Carcharhinus obscurus</i>	Dusky Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Carcharodon carcharias</i>	Great White Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Cetorhinus maximus</i>	Basking Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)

<sup>1</sup> Species that your vessels catch (landed, transhipped or discarded) WITHIN your area of national jurisdiction.

<sup>2</sup> Species that your flag vessels are engaged in catching (landed, transhipped or discarded) OUTSIDE of your national jurisdiction limits. This also includes those vessels with the potential to take these species.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Extant (Resident)	Extant (Resident)	Taking occurs	Diario electrónico de Abordo (DEA)	Taking occurs	Diario electrónico de Abordo (DEA)
<i>Isurus paucus</i>	Longfin Mako Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking occurs	Diario electrónico de Abordo (DEA)
<i>Lamna nasus</i>	Porbeagle	Extant (Resident)	Extant (Resident)	Taking occurs	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray	Extant (Resident)	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Mobula eregoodootenkee</i> ( <i>Mobula eregoodoo</i> )	Longhorned Pygmy Devil Ray	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray	Extant (Resident)					
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Mobula mobular</i>	Giant Devil Ray	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Mobula munkiana</i>	Pygmy Devil Ray	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostomata</i> )	Lesser Guinean Devil Ray	Doesn't Occur					
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Extant (Resident)	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Extant (Resident)	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Pristis clavata</i>	Dwarf Sawfish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Pristis pectinata</i>	Smalltooth Sawfish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Pristis pristis</i>	Large-toothed Sawfish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Pristis zijsron</i>	Green Sawfish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Rhincodon typus</i>	Whale Shark	Extant (Resident)	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Rhynchobatus australiae</i>	Bottlenose	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
	Wedgetish						
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgetish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Rhynchobatus laevis</i>	Smoothnose Wedgetish	Doesn't Occur	Doesn't Occur	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Extant (Resident)	Extant (Resident)	Taking occurs	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)
<i>Squalus acanthias</i>	Spiny Dogfish	Extant (Resident)	Extant (Resident)	Taking occurs	Diario electrónico de Abordo (DEA)	Taking occurs	Diario electrónico de Abordo (DEA)
<i>Squatina squatina</i>	Angelshark	Extant (Resident)	Extant (Resident)	Taking does not occur	Diario electrónico de Abordo (DEA)	Taking does not occur	Diario electrónico de Abordo (DEA)

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Alopias pelagicus</i>	Pelagic Thresher Shark		Forbidden ORDEN APA/658/2014 and protected species Real Decreto 139/2011	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a>
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a> <a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>
<i>Alopias vulpinus</i>	Common Thresher Shark	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	
<i>Anoxypristis cuspidata</i>	Narrow Sawfish			Depending on the RFMO requirements	
<i>Carcharhinus falciformis</i>	Silky Shark			Depending on the RFMO requirements, Forbidden in ICCAT/WCPFC	
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark		Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a>
<i>Carcharhinus obscurus</i>	Dusky Shark			Depending on the RFMO requirements	
<i>Carcharodon carcharias</i>	Great White Shark	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a> <a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>
<i>Cetorhinus maximus</i>	Basking Shark	protected species Real Decreto 139/2011	Forbidden retention all RFMO	<a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-</a>	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
				<a href="https://www.miteco.gob.es/es/bio-diversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>	
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	protected species Real Decreto 139/2011	Depending on the RFMO requirements	<a href="https://www.miteco.gob.es/es/bio-diversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/bio-diversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>	
<i>Isurus paucus</i>	Longfin Mako Shark			Depending on the RFMO requirements	
<i>Lamna nasus</i>	Porbeagle	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a> <a href="https://www.miteco.gob.es/es/bio-diversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/bio-diversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray			Depending on the RFMO requirements	
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray			Depending on the RFMO requirements	
<i>Mobula eregoodootenkee</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray			Depending on the RFMO requirements	
<i>Mobula hypostoma</i>	Atlantic Devil Ray			Depending on the RFMO requirements	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray				
<i>Mobula kuhlii</i>	Shortfin Devil Ray			Depending on the RFMO requirements	
<i>Mobula mobular</i>	Giant Devil Ray	protected species Real Decreto 139/2011	Depending on the RFMO requirements	<a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>	
<i>Mobula munkiana</i>	Pygmy Devil Ray			Depending on the RFMO requirements	
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray			Depending on the RFMO requirements	
<i>Mobula thurstoni</i>	Bentfin Devil Ray			Depending on the RFMO requirements	
<i>Pristis clavata</i>	Dwarf Sawfish			Depending on the RFMO requirements	
<i>Pristis pectinata</i>	Smalltooth Sawfish	protected species Real Decreto 139/2011	Depending on the RFMO requirements	<a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-</a>	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
				especial/ce-proteccion-listado-situacion.aspx	
<i>Pristis pristis</i>	Large tooth Sawfish	protected species Real Decreto 139/2011	Depending on the RFMO requirements	<a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>	
<i>Pristis zijsron</i>	Green Sawfish			Depending on the RFMO requirements	
<i>Rhincodon typus</i>	Whale Shark			Depending on the RFMO requirements	
<i>Rhinobatos rhinobatos</i>	Common Guitarfish			Depending on the RFMO requirements	
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish			Depending on the RFMO requirements	
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish			Depending on the RFMO requirements	
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish			Depending on the RFMO requirements	
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a> <a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a> <a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	protected species Real Decreto 139/2011	Forbidden ORDEN APA/658/2014	Forbidden retention all RFMO	<a href="https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf">https://www.boe.es/boe/dias/2014/04/28/pdfs/BOE-A-2014-4514.pdf</a> <a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>
<i>Squalus acanthias</i>	Spiny Dogfish			Depending on the RFMO requirements	
<i>Squatina squatina</i>	Angelshark	protected species Real Decreto 139/2011	Depending on the RFMO requirements	<a href="https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx">https://www.miteco.gob.es/es/biodiversidad/temas/conservacion-de-especies/especies-proteccion-especial/ce-proteccion-listado-situacion.aspx</a>	

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Doesn't Occur					
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Doesn't Occur					
<i>Alopias vulpinus</i>	Common Thresher Shark	Doesn't Occur					
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Doesn't Occur					
<i>Carcharhinus falciformis</i>	Silky Shark	Doesn't Occur					
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Doesn't Occur					
<i>Carcharhinus obscurus</i>	Dusky Shark	Doesn't Occur					
<i>Carcharodon carcharias</i>	Great White Shark	Doesn't Occur					
<i>Cetorhinus maximus</i>	Basking Shark	Extant (Resident)	Extant (Resident)	Taking does not occur	Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report	Taking does not occur	Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report 2022:14

<sup>1</sup> Species that your vessels catch (landed, transhipped or discarded) WITHIN your area of national jurisdiction.

<sup>2</sup> Species that your flag vessels are engaged in catching (landed, transhipped or discarded) OUTSIDE of your national jurisdiction limits. This also includes those vessels with the potential to take these species.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
					2022:14 <a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>		<a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Doesn't Occur					
<i>Isurus paucus</i>	Longfin Mako Shark	Doesn't Occur					
<i>Lamna nasus</i>	Porbeagle	Extant (Resident)	Extant (Resident)	Taking potentially occurs	Taking potentially occurs as bycatch. Catch of porbeagle has occurred once (in 2008) in the scientific surveys in the Greater North Sea between 1967 and 2020. Bycatch of porbeagle was further reported in landing declarations between 2002-2009 on 12 occasions. We therefore conclude bycatch of porbeagle can potentially have occurred also during the current reporting period. For further details see: Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report 2022:14 <a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>	Taking potentially occurs	Taking potentially occurs as bycatch. Catch of porbeagle has occurred once (in 2008) in the scientific surveys in the Greater North Sea between 1967 and 2020. Bycatch of porbeagle was further reported in landing declarations between 2002-2009 on 12 occasions. We therefore conclude bycatch of porbeagle can potentially have occurred also during the current reporting period. For further details see: Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report 2022:14 <a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray	Doesn't Occur					
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray	Doesn't Occur					
<i>Mobula eregoodootenkee</i> ( <i>Mobula eregoodoo</i> )	Longhorned Pygmy Devil Ray	Doesn't Occur					
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Doesn't Occur					
<i>Mobula japanica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray	Doesn't Occur					
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Doesn't Occur					
<i>Mobula mobular</i>	Giant Devil Ray	Doesn't Occur					
<i>Mobula munkiana</i>	Pygmy Devil Ray	Doesn't Occur					
<i>Mobula rochebrunei</i> (Please	Lesser Guinean Devil Ray	Doesn't Occur					

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
enter information under <i>Mobula hypostoma</i> )							
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Doesn't Occur					
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Doesn't Occur					
<i>Pristis clavata</i>	Dwarf Sawfish	Doesn't Occur					
<i>Pristis pectinata</i>	Smalltooth Sawfish	Doesn't Occur					
<i>Pristis pristis</i>	Large-toothed Sawfish	Doesn't Occur					
<i>Pristis zijsron</i>	Green Sawfish	Doesn't Occur					
<i>Rhincodon typus</i>	Whale Shark	Doesn't Occur					
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Doesn't Occur					
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	Doesn't Occur					
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	Doesn't Occur					

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	Doesn't Occur					
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Doesn't Occur					
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Doesn't Occur					
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Extant (Resident)	Doesn't Occur		Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report 2022:14 <a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>		
<i>Squalus acanthias</i>	Spiny Dogfish	Extant (Resident)	Extant (Resident)	Taking occurs	Spiny dogfish occurs frequently in scientific surveys in the Greater North Sea. Taking occurs also as bycatch in commercial fishery. For details see: Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report 2022:14 <a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>	Taking occurs	Spiny dogfish occurs frequently in scientific surveys in the Greater North Sea. Taking occurs also as bycatch in commercial fishery. For details see: Börjesson et al 2022 Occurrence of sharks, rays and rabbit fish in the Greater North Sea. SLU aqua report 2022:14 <a href="https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf">https://pub.epsilon.slu.se/27572/1/b%C3%B6rjesson-p-et-al-220419.pdf</a>
<i>Squatina squatina</i>	Angelshark	Possibly Extinct					

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Alopias pelagicus</i>	Pelagic Thresher Shark				
<i>Alopias superciliosus</i>	Bigeye Thresher Shark				
<i>Alopias vulpinus</i>	Common Thresher Shark				
<i>Anoxypristis cuspidata</i>	Narrow Sawfish				
<i>Carcharhinus falciformis</i>	Silky Shark				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark				
<i>Carcharhinus obscurus</i>	Dusky Shark				
<i>Carcharodon carcharias</i>	Great White Shark				
<i>Cetorhinus maximus</i>	Basking Shark	Prohibited species in all waters, Annex I, III and art. 9 of Regulation (EU) 2019/1241. Trade is regulated through CITES listing in appendix II.		Union fishing vessels shall not fish for, retain on board, tranship or land. When accidentally caught, specimens of the species shall not be harmed and shall be promptly released.	
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark				
<i>Isurus paucus</i>	Longfin Mako Shark				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Lamna nasus</i>	Porbeagle	Prohibited species in all waters, Art. 18 of Council Regulation (EU) 2022/109, Annex III and art. 9 of Regulation (EU) 2019/1241. Trade is regulated through CITES listing in appendix II.		Union fishing vessels shall not fish for, retain on board, tranship or land. When accidentally caught, specimens of the species shall not be harmed and shall be promptly released.	
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray				
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray				
<i>Mobula eregoodootenkee</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray				
<i>Mobula hypostoma</i>	Atlantic Devil Ray				
<i>Mobula japanica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray				
<i>Mobula kuhlii</i>	Shortfin Devil Ray				
<i>Mobula mobular</i>	Giant Devil Ray				
<i>Mobula munkiana</i>	Pygmy Devil Ray				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray				
<i>Mobula thurstoni</i>	Bentfin Devil Ray				
<i>Pristis clavata</i>	Dwarf Sawfish				
<i>Pristis pectinata</i>	Smalltooth Sawfish				
<i>Pristis pristis</i>	Large-toothed Sawfish				
<i>Pristis zijsron</i>	Green Sawfish				
<i>Rhincodon typus</i>	Whale Shark				
<i>Rhinobatos rhinobatos</i>	Common Guitarfish				
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish				
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish				
<i>Rhynchobatus laevis</i>	Smoothnose				

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
	Wedgefish				
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark				
<i>Sphyrna mokarran</i>	Great Hammerhead Shark				
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark				Does not occur in Swedish waters.
<i>Squalus acanthias</i>	Spiny Dogfish	Prohibited species in Union waters of ICES subareas 2, 3, 4, 5, 6, 7, 8, 9 and 10. Art. 18 & 40 of Council Regulation (EU) 2022/109 [new TQR 2023 ref to be added].	From 2023 [ref to TQR 2023 to be added] Continued prohibited directed fishing in the SEAFO Convention area. Establishment of a precautionary TAC in Union waters of 3a (DGS/03A-C.); Union and United Kingdom waters of 4; United Kingdom waters of 2a (DGS/2AC4-C); and 6,7 and 8; United Kingdom and international waters of 5; International waters of 1, 12 and 14 (DGS/15X14). preamble in EU:s TAC and Quota regulation for 2023: The Union and the United Kingdom agreed that, in order to protect a component of the picked dogfish ( <i>Squalus acanthias</i> ) stock that is particularly vulnerable to fishing mortality, it is appropriate to deter directed fisheries targeting aggregations of mature females.	Prohibition means that Union fishing vessels shall not fish for, retain on board, tranship or land. When accidentally caught, specimens of the species shall not be harmed and shall be promptly released. All catches of species which are subject to catch limits are covered by the EU landing obligation as per Art 15 in the basic regulation EU 1380/2013.	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
			To this end, the Union and the United Kingdom agreed that a maximum size of 100 cm should be respected, when targeting picked dogfish. Such a measure is functionally linked to the TAC for the stock, as without such measure the TAC level alone would not ensure sufficient protection of pupping females, which constitute a particularly vulnerable part of the population.		
<i>Squatina squatina</i>	Angelshark				Last individual observed in 1924.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Alopias pelagicus</i>	Pelagic Thresher Shark	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Alopias vulpinus</i>	Common Thresher Shark	Extant (Resident)	Unknown	Taking occurs		Taking does not occur	
<i>Anoxypristis cuspidata</i>	Narrow Sawfish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Carcharhinus falciformis</i>	Silky Shark	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Carcharhinus obscurus</i>	Dusky Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Carcharodon carcharias</i>	Great White Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Cetorhinus maximus</i>	Basking Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	Extant (Resident)	Unknown	Taking occurs		Taking does not occur	
<i>Isurus paucus</i>	Longfin Mako Shark	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Lamna nasus</i>	Porbeagle	Extant (Resident)	Unknown	Taking occurs		Taking occurs	
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Mobula eregoodootenke</i>	Longhorned Pygmy Devil Ray	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	

<sup>1</sup> Species that your vessels catch (landed, transhipped or discarded) WITHIN your area of national jurisdiction.

<sup>2</sup> Species that your flag vessels are engaged in catching (landed, transhipped or discarded) OUTSIDE of your national jurisdiction limits. This also includes those vessels with the potential to take these species.

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>e (Mobula eregoodoo)</i>							
<i>Mobula hypostoma</i>	Atlantic Devil Ray	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray	Extant (Resident)	Doesn't Occur	Not applicable			
<i>Mobula kuhlii</i>	Shortfin Devil Ray	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Mobula mobular</i>	Giant Devil Ray	Extant (Resident)	Unknown	Taking potentially occurs		Taking does not occur	
<i>Mobula munkiana</i>	Pygmy Devil Ray	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray	Doesn't Occur	Doesn't Occur				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Mobula thurstoni</i>	Bentfin Devil Ray	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Pristis clavata</i>	Dwarf Sawfish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Pristis pectinata</i>	Smalltooth Sawfish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Pristis pristis</i>	Largetooth Sawfish	Doesn't Occur	Unknown	Taking does not occur		Taking does not occur	
<i>Pristis zijsron</i>	Green Sawfish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Rhincodon typus</i>	Whale Shark	Extant (Resident)	Doesn't Occur	Not applicable		Not applicable	
<i>Rhinobatos rhinobatos</i>	Common Guitarfish	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	

Species		Status of species in your area of national jurisdiction according to IUCN	Status of species in your area of national jurisdiction	Species that your vessels catch WITHIN your area of national jurisdiction <sup>1</sup>	Any supporting documentation for catches within your area of national jurisdiction	Species that your flag vessels catch OUTSIDE of your national jurisdiction limits <sup>2</sup>	Any supporting documentation for catches within your area of national jurisdiction
Scientific name	Common name (English)						
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish	Doesn't Occur	Doesn't Occur	Not applicable		Not applicable	
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Sphyrna mokarran</i>	Great Hammerhead Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark	Extant (Resident)	Unknown	Taking does not occur		Taking does not occur	
<i>Squalus acanthias</i>	Spiny Dogfish	Extant (Resident)	Unknown	Taking occurs		Taking occurs	
<i>Squatina squatina</i>	Angelshark	Extant (Resident)	Unknown	Taking occurs		Taking does not occur	

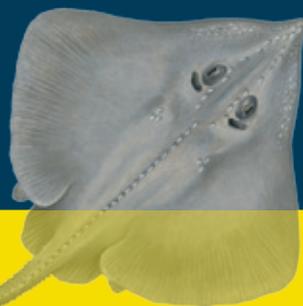
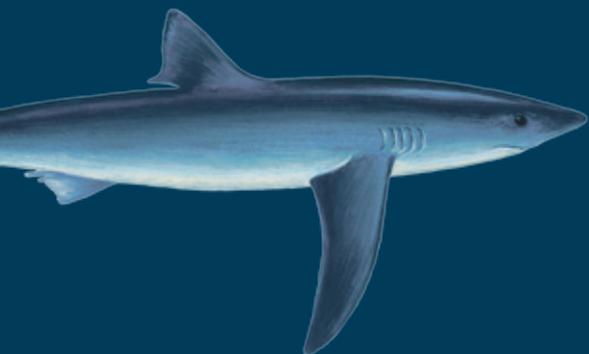
Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Alopias pelagicus</i>	Pelagic Thresher Shark				
<i>Alopias superciliosus</i>	Bigeye Thresher Shark			<a href="https://www.iccat.int/Documents/Recs/compendi_opdf-e/2019-01-e.pdf">https://www.iccat.int/Documents/Recs/compendi_opdf-e/2019-01-e.pdf</a>	
<i>Alopias vulpinus</i>	Common Thresher Shark			<a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="https://www.iccat.int/Documents/Recs/compendi_opdf-e/2019-01-e.pdf">https://www.iccat.int/Documents/Recs/compendi_opdf-e/2019-01-e.pdf</a>	
<i>Anoxypristis cuspidata</i>	Narrow Sawfish				
<i>Carcharhinus falciformis</i>	Silky Shark				
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark				
<i>Carcharhinus obscurus</i>	Dusky Shark				
<i>Carcharodon carcharias</i>	Great White Shark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Cetorhinus maximus</i>	Basking Shark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="https://www.sharkadvocates.org/eu_shark_cons">https://www.sharkadvocates.org/eu_shark_cons</a>	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
				ervation_recent_progress_12_11.pdf, <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Isurus paucus</i>	Longfin Mako Shark				
<i>Lamna nasus</i>	Porbeagle			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.racspa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.racspa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="https://www.sharkadvocates.org/eu_shark_conservation_recent_progress_12_11.pdf">https://www.sharkadvocates.org/eu_shark_conservation_recent_progress_12_11.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Manta alfredi</i> ( <i>Mobula alfredi</i> )	Reef Manta Ray				
<i>Manta birostris</i> ( <i>Mobula birostris</i> )	Manta Ray				
<i>Mobula eregoodootenke</i> ( <i>Mobule eregoodoo</i> )	Longhorned Pygmy Devil Ray				
<i>Mobula hypostoma</i>	Atlantic Devil Ray				
<i>Mobula japonica</i> (Please enter information under <i>Mobula mobular</i> )	Japanese Devil Ray				
<i>Mobula kuhlii</i>	Shortfin Devil Ray				
<i>Mobula mobular</i>	Giant Devil Ray			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a 484="" 511="" 894="" 915"="" data-label="Page-Footer" href="https://www.rac-&lt;/a&gt;&lt;/td&gt; &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;/tbody&gt; &lt;/table&gt; &lt;/div&gt; &lt;div data-bbox=">113</a>	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
				spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf, <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Mobula munkiana</i>	Pygmy Devil Ray				
<i>Mobula rochebrunei</i> (Please enter information under <i>Mobula hypostoma</i> )	Lesser Guinean Devil Ray				
<i>Mobula tarapacana</i>	Sicklefin Devil Ray				
<i>Mobula thurstoni</i>	Bentfin Devil Ray				
<i>Pristis clavata</i>	Dwarf Sawfish				
<i>Pristis pectinata</i>	Smalltooth Sawfish				
<i>Pristis pristis</i>	Large-tooth Sawfish			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Pristis zijsron</i>	Green Sawfish				
<i>Rhincodon typus</i>	Whale Shark				
<i>Rhinobatos rhinobatos</i>	Common Guitarfish			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	

Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish				
<i>Rhynchobatus djiddensis</i>	Whitespotted Wedgefish				
<i>Rhynchobatus laevis</i>	Smoothnose Wedgefish				
<i>Sphyrna lewini</i>	Scalloped Hammerhead Shark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Sphyrna mokarran</i>	Great Hammerhead Shark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a>	
<i>Sphyrna zygaena</i>	Smooth Hammerhead Shark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a>	
<i>Squalus acanthias</i>	Spiny Dogfish			<a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf#">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf#</a> , <a href="https://www.sharkadvocates.org/eu_shark_conservation_recent_progress_12_11.pdf">https://www.sharkadvocates.org/eu_shark_conservation_recent_progress_12_11.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	
<i>Squatina squatina</i>	Angelshark			<a href="https://www.mta.com.mt/en/file.aspx?f=31940">https://www.mta.com.mt/en/file.aspx?f=31940</a> , <a href="https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf">https://www.rac-spa.org/sites/default/files/doc_fish/gl_shark_ray_en.pdf</a> , <a href="https://www.sharkadvocates.org/eu_shark_conservation_recent_progress_12_11.pdf">https://www.sharkadvocates.org/eu_shark_conservation_recent_progress_12_11.pdf</a> , <a href="http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf">http://www.sharkleague.org/wp-content/uploads/2018/07/SLAM-COFi-GFCM-LOW-1.pdf</a>	

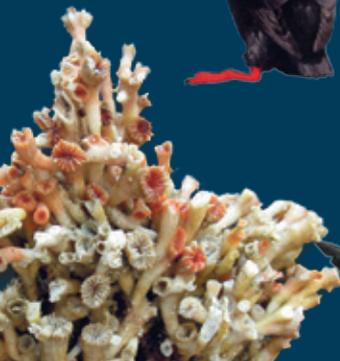
Species		Details of protection measures or managed fisheries for each species	Details of regulations currently being proposed or implemented for each species	Details of conservation measures for each species	Comments, including sources of information, resources and links
Scientific name	Common name (English)				
				<a href="content/uploads/2018/07/SLAM-COFI-GFCM-LOW-1.pdf">content/uploads/2018/07/SLAM-COFI-GFCM-LOW-1.pdf</a>	



# STYREHUS GUIDE



BESKYTTEDE ARTER I FISKERIET



# KOLOFON

Første udgave, 2013

**UDGIVET AF:** Danske Fiskeres PO, Taulov.

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**LAYOUT:** Steen Sørensen.

Trykt på stenpapir (240 gr.) af Schweitzer.

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Danmark og EU investerer i bæredygtigt fiskeri. Projektet er støttet af Fødevareministeriet og EU.

Den Europæiske Fiskerifond  
Danmark og EU investerer i  
bæredygtigt fiskeri



Ministeriet for Fødevarer,  
Landbrug og Fiskeri



# INTRO

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Denne styrehusguide til truede, sjældne eller beskyttede arter i dansk fiskeri er udarbejdet af Danske Fiskeres PO for at hjælpe medlemmerne med at kunne genkende og registrere de forskellige bifangstarter. Sjældne arter vil i sig selv være sjældne bifangster – og i et moderne fiskeri forventes bifangsten af truede og beskyttede arter også at være minimal. Men for at kunne vise at den er det – eller nedbringe den der hvor det er nødvendigt – er første skridt rent faktisk at vide præcis hvilke arter der optræder som bifangst hvor og hvornår.

Guiden her samler så vidt muligt arter der ligner hinanden på ét opslag, og har fokus på de få, enkle kendetegn der skal til for at kende arterne fra hinanden. Den er lavet på såkaldt stenpapir, således at den kan holde til at være der hvor fangsten sorteres og bifangsterne skal identificeres. Det er med andre ord en brugsbog – så værsgo at bruge den.

Regler ændrer sig, nye arter opdages, fiskeriet flytter sig. Derfor vil denne guide ikke kunne holde evigt. Siderne er lavet sådan at de kan tages ud af ringene og skiftes ud med nye. Hvis du opdager ting i bogen der er forkerte – trods vores indsats for det modsatte – eller som kunne forklares bedre, så ring eller skriv til DFPO ► **SE BAGSIDEN**

# REGLER OG REGISTRERING

OBS! Denne side skal være en hurtig hjælp til at huske regler og love for beskyttede arter – men kan ikke erstatte paragrafferne. Regler og love kan desuden være ændret siden denne udgave af styrhusguiden blev trykt.

## HAJER

## ROKKER

### REGLER

**EU-zone:** Alle hajer og rokker (undtaget brugde, sildehaj, pighaj, gråhaj, skade og sømrokke) kan landes. Levedygtige hajer og rokker bør genudsættes hurtigt og skånsomt af hensyn til bestandene.

**Norsk zone:** Hajer og rokker (undtaget brugde og sildehaj) må ikke genudsættes i norsk zone i Nordsøen hvis de er døde/døende og kan herefter landes. Levedygtige hajer og rokker må gerne, og bør, genudsættes hurtigt og skånsomt af hensyn til bestandene. Der er ikke forbud mod genudsætning af hajer og rokker i norsk zone i Skagerrak, men der forventes dog indført forbud mod genudsætning af hajer i norsk zone i Skagerrak fra 2015.

### REGISTRERING

Hajer og rokker der landes, skrives i logbogen – alle arter bør, og en del skal, skrives med det rigtige artsnavn (ikke kun 'rokke' eller 'haj') – brug guiden her til at afgøre hvilken art der er tale om.

Hajer og rokker der genudsættes, skrives i PO-dagbogen. Noter VÆGT i kg og ANTAL (evt. anslået hvis der er mange) for hver art.

## ANDRE FISK

**REGLER** Se de enkelte arter.

**REGISTRERING** Noter VÆGT og ANTAL. Snæbel og stør bør også måles og fotograferes (se side 32 og 33).

## HAVPATTEDYR

### REGISTRERING

Havpattedyr registreres i PO-dagbogen med LÆNGDE i cm, og KØN (se side 13 om hvordan man skelner mellem hun og han). Brug én linje for hvert dyr. Fiskeri- og Søfartsmuseet modtager gerne døde havpattedyr til undersøgelse ► **SE BAGSIDEN**

## FUGLE

### REGISTRERING

Noter ANTAL for hver art i PO-dagbogen. Har fuglen ringmærke, ring til Zoologisk Museum (► **SE BAGSIDEN**) eller noter alle tal og bogstaver på mærket under bemærkninger og skær ringen af og gem den. Visse særligt sjældne fugle (se under de enkelte arter i guiden) nedfryses og Zoologisk Museum kontaktes ► **SE BAGSIDEN**.

## KORALLER, SVAMPE OG ANDRE TEGN PÅ SÅRBAR BUND

### REGISTRERING

Koraller, havsvampe og andre tegn på særligt sårbare bundforhold (fx afbrækkede dele af boblerev, større mængder levende ålegræs, søanemoner og lignende) noteres i PO-dagbogen med VÆGT eller LÆNGDE alt efter hvad der er passer til den enkelte type, og ANTAL hvor det er relevant. Brug også gerne feltet til bemærkninger angående farve, konsistens eller lignende.

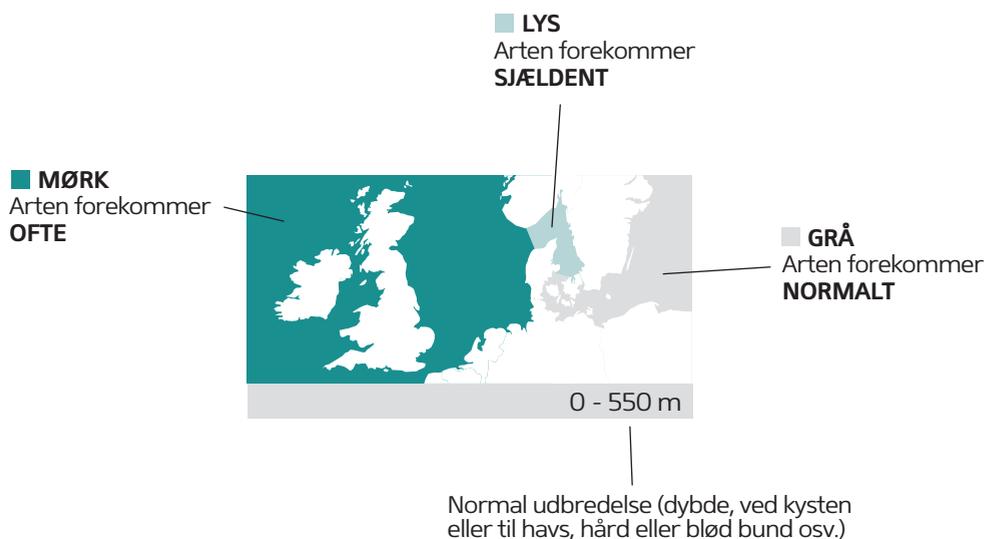
## TABTE REDSKABER

### REGISTRERING

Noter hvilket redskab der er mistet og evt. LÆNGDE i PO-dagbogen. Brug gerne feltet til bemærkninger.

# KORT-FORKLARING

Kortet viser kendt udbredelse i farvandene omkring Danmark



Artens FAO-kode (bruges i log-bogen - også gerne i PO-dagbogen)

Artens navn på engelsk

Artens navn på latin

FAO:	
xxx	
xxx	

# INDHOLD

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## MARSVIN

Mørk halefinne

Trekantet rygfinne med hudknuder på forkanten



Harbour porpoise

*Phocoena phocoena*

- Lille (max 2 m og 90 kg), tætbygget hval uden veldefineret næb.
- Ryggen er blåsort og bugen hvid. Sort stribe fra mund til luffer.

### LIGNER

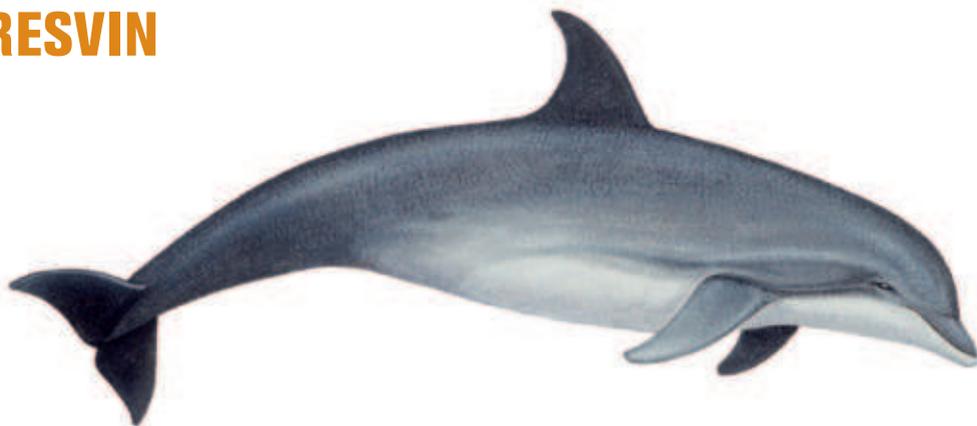
**Delfiner**, men har en mindre rygfinne (max 20 cm høj) med **hudknuder (tuberkler)** på den forreste kant.



**KONTAKT:** Fiskeri og søfartsmuseet ► **SE BAGSIDEN** modtager meget gerne havpattedyr til undersøgelse. ► **SE BAGSIDEN**

**REGISTRERING:** Længde og køn (se side 13).

## ØRESVIN



Bottlenosed Dolphin

*Tursiops truncatus*

- Stor (max 4 m og 650 kg), forholdsvis robust delfin med mellemlangt næb ca. 10 cm.
- Mørkegrå ryg, lysegrå sider og hvid til rosa bug.

### LIGNER

Unge øresvin kan ligne **hvidnæse** og **almindelig delfin**, men mangler deres særlige kendetegn (se på side 11).



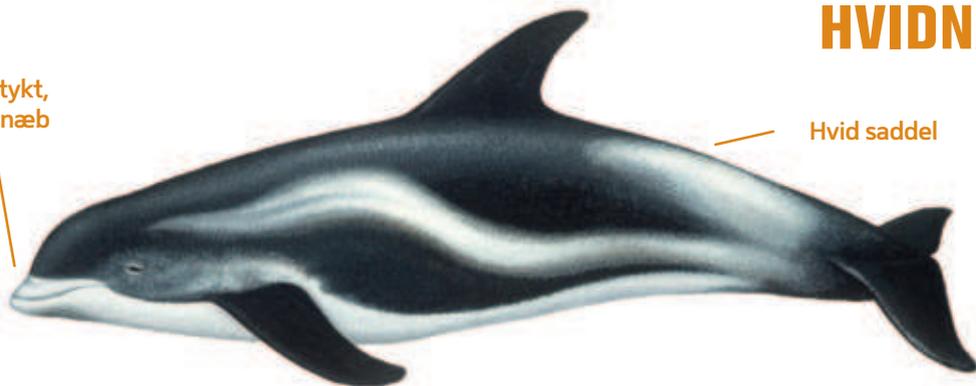
Sjældent i danske farvande.

**KONTAKT:** Fiskeri og søfartsmuseet ► **SE BAGSIDEN** modtager meget gerne havpattedyr til undersøgelse. ► **SE BAGSIDEN**

**REGISTRERING:** Længde og køn (se side 13).

## HVIDNÆSE

Kort, tykt,  
hvidt næb



Hvid saddel



White-beaked Dolphin

*Lagenorhynchus albirostris*

- Mellemstor (max 3 m og 350 kg), **kortnæbbet** delfin med ret høj rygfinne.
- **Hvidt næb**. Sort ryg med **hvid saddel** bag rygfinnen. Varierende hvide bånd på siderne.

**KONTAKT:** Fiskeri og søfartsmuseet ► **SE BAGSIDEN** modtager meget gerne havpattedyr til undersøgelse. ► **SE BAGSIDEN**

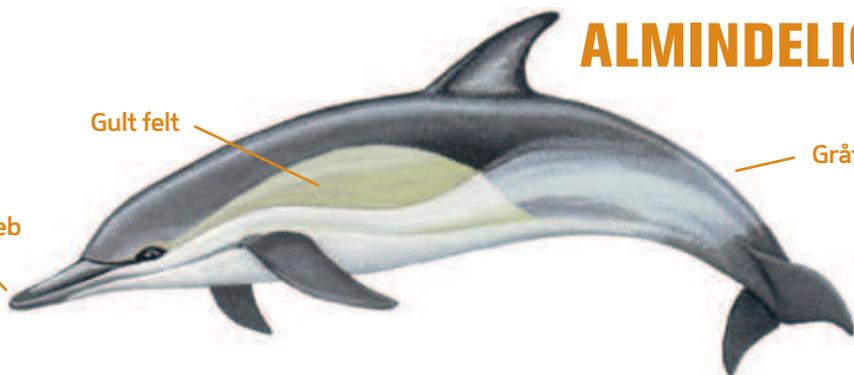
**REGISTRERING:** Længde og køn (se side 13).

## LIGNER

Andre delfiner, men kendes på det **hvide næb** og saddel.

## ALMINDELIG DELFIN

Langt,  
smalt næb



Gult felt

Gråt felt



Short-beaked common Dolphin

*Delphinus delphis*

- Mellemstor (max 260 cm og 135 kg), slank delfin med **smalt og tydeligt markeret næb**.
- På siderne er en skarpt markeret timeglas-tegning med **gult felt** fortil og et **gråt felt** bagtil. Rygfinnen kan variere fra helt sort til næsten hvid. Næbbet er som regel sort.

**KONTAKT:** Fiskeri og søfartsmuseet ► **SE BAGSIDEN** modtager meget gerne havpattedyr til undersøgelse. ► **SE BAGSIDEN**

**REGISTRERING:** Længde og køn (se side 13).

## LIGNER

**Unge øresvin**, men kendes let fra disse på den skarpt markerede timeglas-tegning på siderne.

## SPÆTTET SÆL



Common Seal

*Phoca vitulina*

- Mindre (max 2 m og 140 kg) sæl med rundt hoved. Hannen bliver størst.
- Pelsen er typisk spættet, mens farven varierer meget – typisk mørk i våd tilstand.

### LIGNER

**Gråsæl**, men kendes på hovedets form.

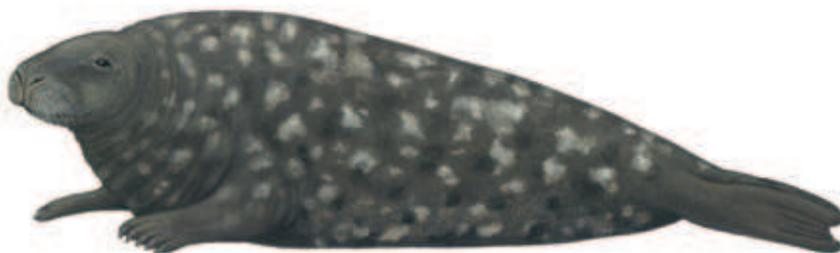


Oftest nær kysten.

**KONTAKT:** Fiskeri og søfartsmuseet ► **SE BAGSIDEN** modtager meget gerne sæler til undersøgelse. ► **SE BAGSIDEN**

**REGISTRERING:** Længde og køn (se side 13).

## GRÅSÆL



Grey Seal

*Halichoerus grypus*

- Mellemstor (max 250 cm og ca. 350 kg), robust sæl med et aflangt hesteagtigt hoved. Hannen bliver størst.
- Mørkegrå pels på ryggen og en lysegrå bugpels. Farve og mønster kan variere meget.

### LIGNER

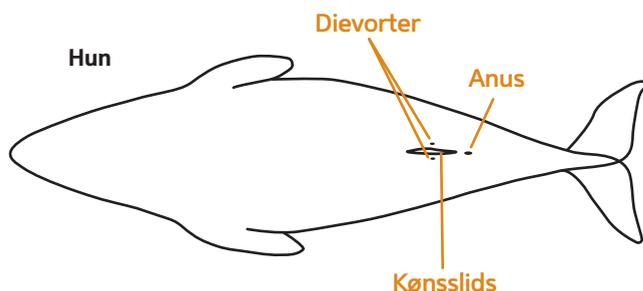
**Spættet sæl**, men kendes på hovedets form.



**KONTAKT:** Fiskeri og søfartsmuseet ► **SE BAGSIDEN** modtager meget gerne sæler til undersøgelse. ► **SE BAGSIDEN**

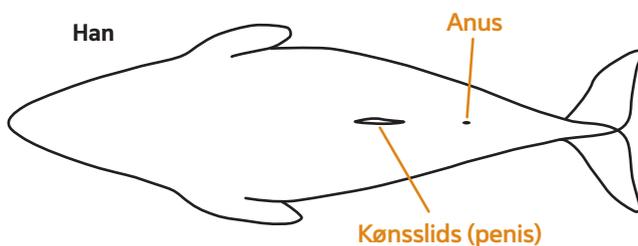
**REGISTRERING:** Længde og køn (se side 13).

# KØNSBESTEMMELSE AF TANDHVALER

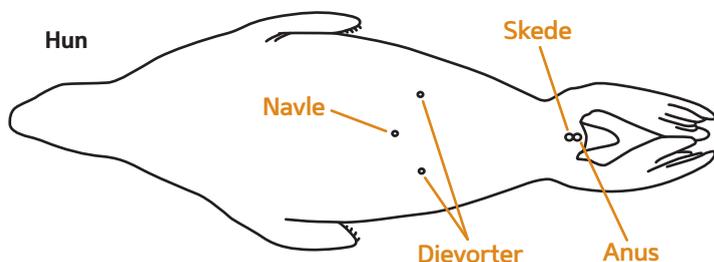


- **Hunnens** kønsslids (aflang åbning) er placeret lige foran anus, og har en dievorte på hver side.

- **Hannens** kønsslids sidder længere fremme under rygfinnen, med tydelig afstand til anus.

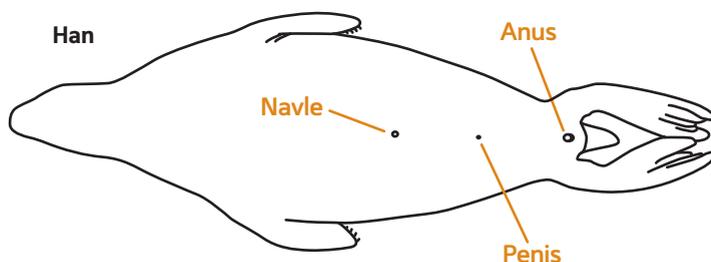


# KØNSBESTEMMELSE AF SÆLER

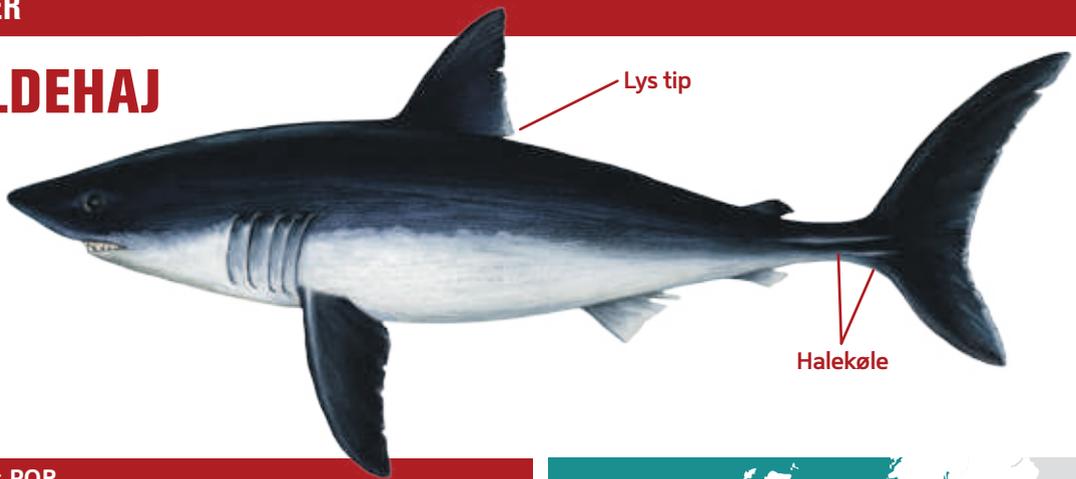


- **Hunnen** kendes på de to dievorter umiddelbart neden for navlen. Hunnen har to åbninger mellem baglufferne (anus og skede).

- **Hannen** har en rund åbning til penis et stykke neden for navlen. Samtidigt har hannen kun én åbning (anus) mellem baglufferne.



## SILDEHAJ



FAO: POR

Porbeagle

*Lamna nasus*

- Stor (max 3,7 m), kraftig haj med spidst hoved.
- Overside mørkeblå/grå/brun, hvid bug.

## LIGNER

**Blåhaj** (s. 16), men sildehagen har en stor og en lille **halekøl** (vandrette hudflapper) på hver side af haleroden og **lys tip** bagerst på forreste rygfinne.



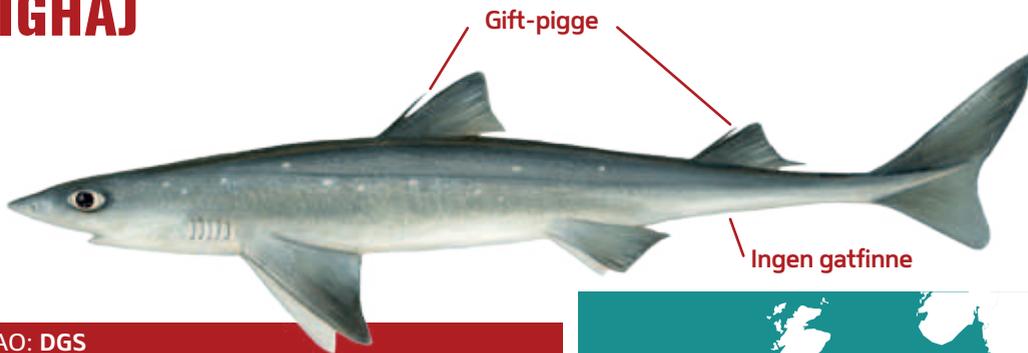
0 - 500 m

**REGLER:** Skal genudsættes i både EU og norsk zone (hurtigt og skånsomt hvis levende).

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## PIGHAJ



FAO: DGS

Spurdog

*Squalus acanthias*

- Mindre (max 160 cm), slank haj med fladt, spidst hoved.
- Overside grå – oftest med hvide pletter, bug hvid.
- Begge rygfinner har en **gift-pig** foran.

## LIGNER

**Gråhaj og glathaj** (s. 16-17), men pighagen har ingen **gatfinne**.



10 - 200 m

**REGLER:** Pighaj må IKKE landes fra EU-farvande, men skal genudsættes hurtigt og skånsomt. Pighaj fra norsk zone må gerne og bør genudsættes, hvis den er levedygtig, og må IKKE genudsættes, hvis den er død/døende.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## BRUGDE

Lange gællespalter



Oftest ved overfladen

FAO: BSK

Basking Shark

*Cetorhinus maximus*

- Stor (max 10 m), haj med meget lang snude - især hos juvenile.
- Overside og bug grå/gråbrun, iblandt med lysere områder.
- Meget **lange gællespalter** der når næsten når rundt om hovedet.

**REGLER:** Skal genudsættes i både EU og norsk zone (hurtigt og skånsomt hvis levende).

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## RÆVEHAJ

Lang haleflig



0 - 550 m

FAO: ALV

Thresher Shark

*Alopias vulpinus*

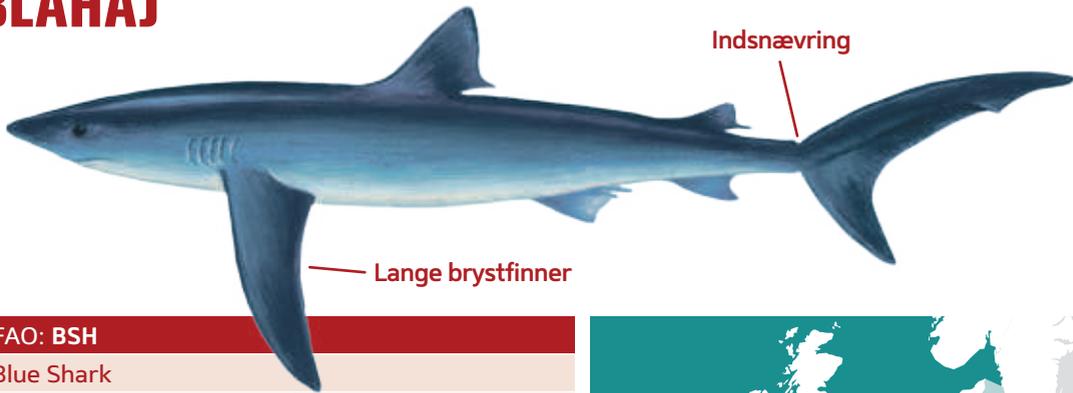
- Stor (max 7,6 m), haj med meget lang hale.
- Overside mørkeblå, grå, brun eller sort, bug hvid.
- **Øvre haleflig** lige så lang eller længere end kroppen.

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## BLÅHAJ



FAO: BSH

Blue Shark

*Prionace glauca*

- Stor (max 4 m), slank haj med spidst hoved.
- Overside mørkeblå, hvid bug.



0 - 350 m

## LIGNER

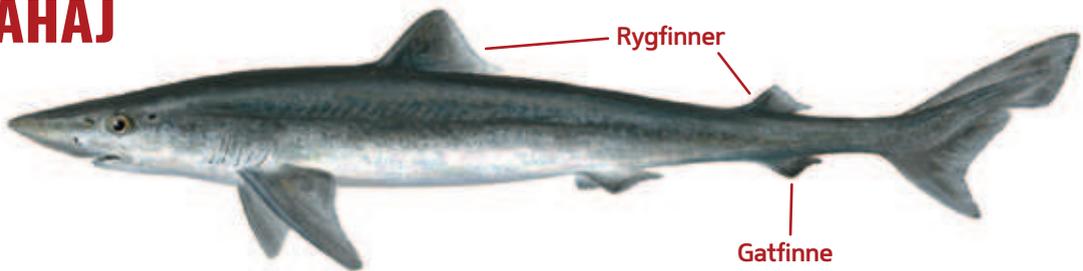
**Gråhaj** (herunder), men blåhajen har en tydelig **indsnævring** ved haleroden og påfaldende **lange brystfinner**. **Sildehaj** (s. 14), men blåhajen har hverken halerodskøle eller lys tip bagerst på rygfinnen.

REGLER: Se side 4.

REGISTRERING: Vægt og antal

KONTAKT: Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## GRÅHAJ



FAO: GAG

Tope

*Galeorhinus galeus*

- Mellemstor (max 2 m), slank haj med spidst, lidt fladt hoved.
- Overside grå, hvid bug. Ru skind.



0 - 600 m

## LIGNER

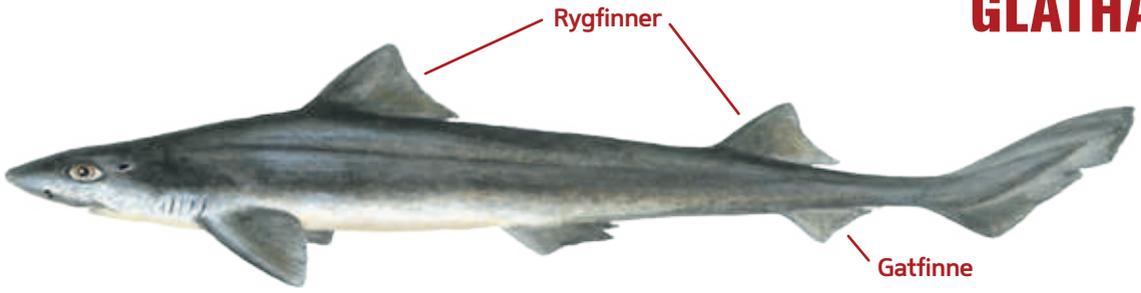
**Glothaj** (side 17), men gråhajens bagerste **rygfinne** er ca. halvt så stor som forreste **rygfinne** og lige så stor som **gatfinnen** lige under den. Øjet med fri blinkhinde ("øjenlåg"). **Blåhaj** (herover), men gråhajen har ikke indsnævring ved haleroden og har korte brystfinner.

REGLER: Se side 4.

REGISTRERING: Vægt og antal

KONTAKT: Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## GLATHAJ



20 - 150 m

**REGLER:** Se side 4.**REGISTRERING:** Vægt og antal**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN****FAO:** SMD

Smoothhound

*Mustelus mustelus*

- Mindre (max 165 cm), slank haj med spidst, lidt fladt hoved.
- Overside grå/gråbrun, lysere bug. Glat skind.

**LIGNER**

**Gråhaj** (side 16), men de to **rygfinner** er nogenlunde lige lange hos glathajen. Gatfinnen tydeligt mindre end rygfinner. **Stjernehaj** (herunder), men glathajen har ingen stjerner på siderne.

## STJERNEHAJ



5 - 350 m

**REGLER:** Se side 4.**REGISTRERING:** Vægt og antal**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN****FAO:** SDS

Starry Smoothhound

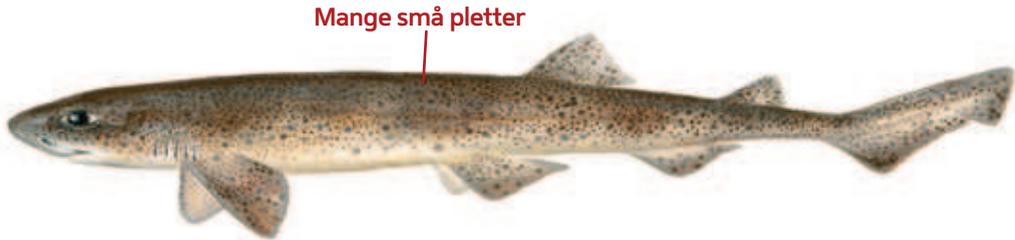
*Mustelus asterias*

- Mindre (max 140 cm), slank haj med spidst, lidt fladt hoved.
- Overside grå med hvide 'stjerner', hvid bug.

**LIGNER**

**Glathaj** (herover), men stjernehajen har stjerner (lyse pletter) på siderne.

# SMÅPLETTET RØDHJAJ



FAO: SYC

Small-spotted Catshark

*Scyliorhinus canicula*

- Mindre (max 100 cm), slank haj med kort, bredt hoved.
- Overside rødbrun med mange, små mørke pletter, lys bug.

## LIGNER

**Storplettet rødhaj** (herunder), men har **små pletter** der ikke er større end dens pupiller. **Ringhaj**, men er ikke sort inden i munden.



10 - 400 m

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

# STORPLETTET RØDHJAJ



FAO: SYT

Nursehound

*Scyliorhinus stellaris*

- Mindre (max 170 cm), slank haj med kort, bredt hoved.
- Overside rødbrun eller grå, med store mørke pletter, lys bug.

## LIGNER

**Småplettet rødhaj** (herover), men har færre, **større pletter**, hvoraf mange er større end dens pupiller. **Ringhaj** (side 19), men er ikke sort inde i munden.



0 - 65 m

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## RINGHAJ



**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

**FAO:** SHO

Blackmouth Catshark

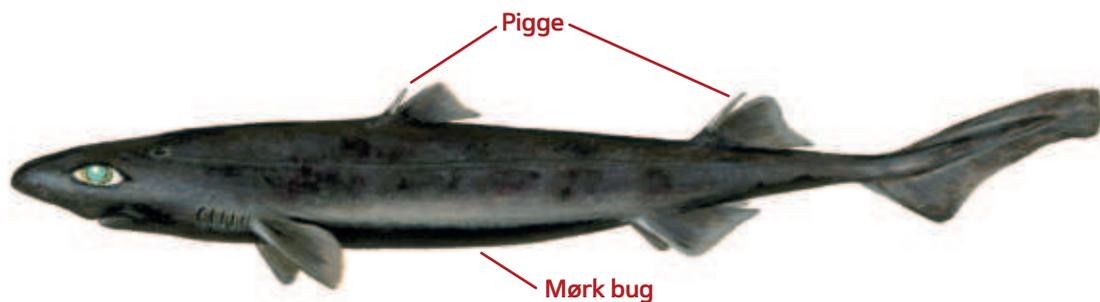
*Galeus melastomus*

- Lille (max 90 cm), slank haj med spidst, lidt fladt hoved.
- Overside lysebrun med store **lyse ringe** eller **halvcirkler**, bug hvid/grå.

**LIGNER**

**Rødhajerne** (side 18), men er **sort i mundhulen** og har et spidst hoved.

## SORTHAJ



FAO: ETX

Velvet Belly

*Etmopterus spinax*

- Lille (max 60 cm) haj med "slatten" krop og bredt hoved.
- Overside og bug mørkebrun eller sort. Meget **mørkt område** på bugen.
- Pigge foran begge rygfiner, fløjlsagtigt skind.

## LIGNER

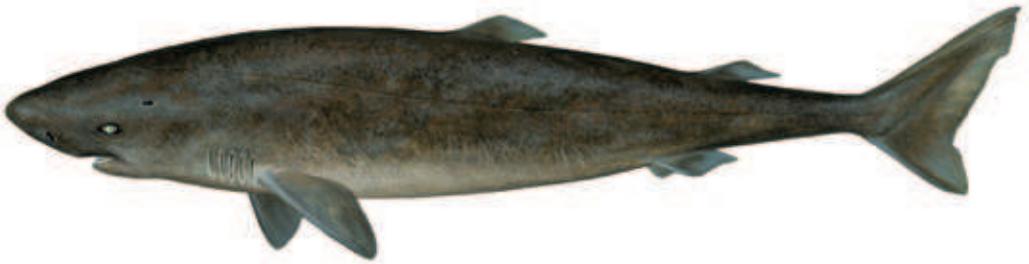
**Små grønlandshajer** (side 21), men kendes på **piggene** foran rygfinerne.



35 - 2000 m

**REGLER:** Se side 4.**REGISTRERING:** Vægt og antal**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## GRØNLANDSHAJ



0 - 2000 m

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

**FAO:** GSK

Greenland Shark

*Somniosus microcephalus*

- Stor (max 8 m), kraftig haj med kort, rundt hoved.
- Overside og bug mørkebrun, rødbrun eller grå.
- Tænder i undermundten danner en jævn skæreflade.

## PLOVJERNSROKKE



**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJO

Longnosed Skate

*Dipturus oxyrinchus*

- Mellemstor (max 150 cm) rokke med **meget lang snude**.
- Oversiden brun med mørke og lyse pletter.

LIGNER

**Skade** (side 23), men har færre torne (4-11) i midterrækken på halen og længere snude.

**Sortbuget rokke** (herunder), men har lys bug.



15 - 900 m

## SORTBUGET ROKKE



**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: JAD

Norwegian Skate

*Dipturus nidarosiensis*

- Stor (max 2 m) rokke med lang snude.
- 30-52 torne i midterrækken på krop og hale.

LIGNER

**Plovjersrokke** (herover), og skade (side 23), men **bugsiden er ensfarvet mørkebrun**.



200 - 1000 m

## SKADE

FAO: RJB

Blue Skate

*Dipturus batis*

- Stor (max 285 cm) rokke med spids snude.
- **12-28 torne** i midterrækken på krop og hale.
- Overside brunlig, kan have øjepletter.

## LIGNER

**Sortbuget rokke** (side 22), men er ikke mørk på bugen. **Gøgerokke** (side 27), men har færre torne på halen. **Plovjernsrokke** (side 22), men har kortere snude og flere torne.



**REGLER:** Skade må IKKE landes fra EU-farvande, men skal genudsættes hurtigt og skånsomt. Skader fra norsk zone må gerne og bør genudsættes, hvis den er levedygtig og må IKKE genudsættes, hvis den er død/døende.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJK

Sailray

*Dipturus linteus*

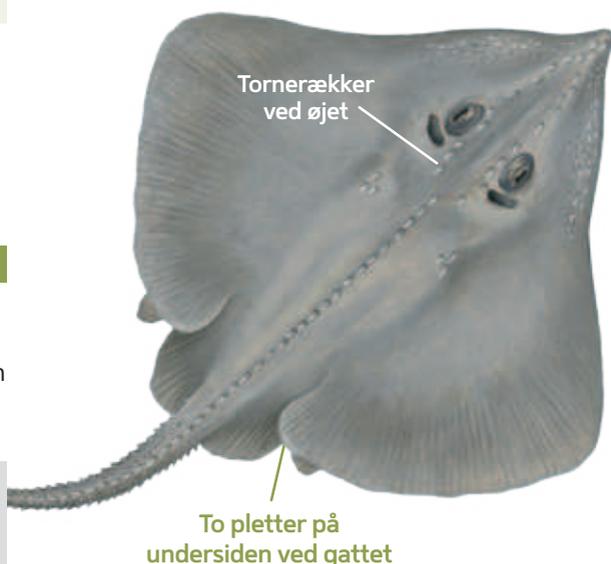
- Mellemstor (max 125 cm) rokke med spids snude.
- Overside lys eller grålig, underside lys, på nær halen og **to mørke pletter på undersiden ved gattet.**

## LIGNER

**Skade** (herover), men har flere torne (40-52) i midter-rækken på krop og hale og har **tornerækker ved øjet.** **Gøgerokke** (side 27), men har kun én tornerække på halen.



## HVIDROKKE



**REGLER:** Se side 4

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

# STORPLETTET ROKKE



Ingen pletter ved randen af vingerne

Parvise pletter på halen

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJM

Spotted Ray

*Raja montagui*

- Lille (max 80 cm) rokke med kort, afrundet snude.
- Oversiden brunlig, med mørke pletter, som sidder **parvis på halen**. 40-50 torne i midter-rækken.

LIGNER

**Småpletet rokke** (side 25), men har **ikke pletter helt ud til randen af vingerne**.



20 - 120 m

# BROGET ROKKE



Bølgende tegninger

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJU

Undulate Ray

*Raja undulata*

- Mellemstor (max 100 cm) rokke med kort, afrundet snude.
- Overside grønbrun, med mørke, bølgede tegninger.

LIGNER

**Småpletet rokke** (side 25) og **sømrøkke** (side 25), men har **bølgende tegninger**.



50 - 200 m

## SØMROKKE

FAO: RJC

Thornback Ray

*Raja clavata*

- Mellemstor (max 105 cm) rokke, med bred krop og kort snude.
- Overside brunlig med marmoreringer evt. øjepletter.

## LIGNER

**Tærbe** (side 26), men har flere torne (24-50) i midterrækken på krop og hale, og **lyse tværbånd** på halen.



20 - 600 m

Lyse tværbånd

**REGLER:** Sømrokke må ikke landes fra EU-zone i Skagerrak. I andre områder er reglerne som for andre rokker (se side 4).

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJH

Blonde Ray

*Raja brachyura*

- Mellemstor (max 125 cm) rokke med bred krop bred og kort snude.
- Overside med mange små mørke pletter. 40-45 torne i midterrækken på krop og hale.

## LIGNER

**Sømrokke** (herover), men har ikke tværbånd på halen.

**Storplettet rokke** (side 24), men har pletter helt ud til randen af vingerne.



50 - 275 m

## SMÅPLETTET ROKKE



**REGLER:** Se side 4

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## TÆRBE (RITTER)



Ca. 16 torne i midterrækken

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJR

Starry Ray

*Amblyraja radiata*

- Lille (max 75 cm) rokke med kort, afrundet snude og kort hale.
- Overside brunlig til gulgrøn, dækket af små og store torne.

LIGNER

**Sømrøkke** (side 25) og **Fyllas røkke** (herunder), men har færre torne (11-19 – oftest 16) **torne i midterrækken**.



20 - 1000 m

## FYLLAS RØKKE

Ofte lys plet her



FAO: RJY

Round Ray

*Rajella fyllae*

- Lille (max 70 cm) rokke med kort, afrundet snude.
- 30-40 torne i midterrækken hos små individer, store individer har flere rækker.
- Overside mørk. Ofte med **lys plet mellem øjnene**.



300 - 800 m

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## GØGEROKKE

FAO: RJF

Shagreen Ray

*Leucoraja fullonica*

- Mellemstor (max 120 cm) rokke med spids snude.
- Oversiden brunlig med 35-58 torne i hver af de to rækker på halen, og 5-9 torne bag øjet.

## LIGNER

**Hvidrokke** (side 23), men har **to tornerækker på halen**.



30 - 550 m

To tornerækker på halen

**REGLER:** Se side 4.**REGISTRERING:** Vægt og antal**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJN

Cuckoo Ray

*Leucoraja naevus*

- Lille (max. 70 cm) rokke med kort, afrundet snude.
- **Sorte øjepletter**, med gule tegninger.
- To parallelle tornerækker på halen, 33-43 torne i hver.

## LIGNER

**Tærbe** (side 26), men har flere torne i midter-rækken. **Fyllas rokke** (side 26), men kendes på øjepletterne.

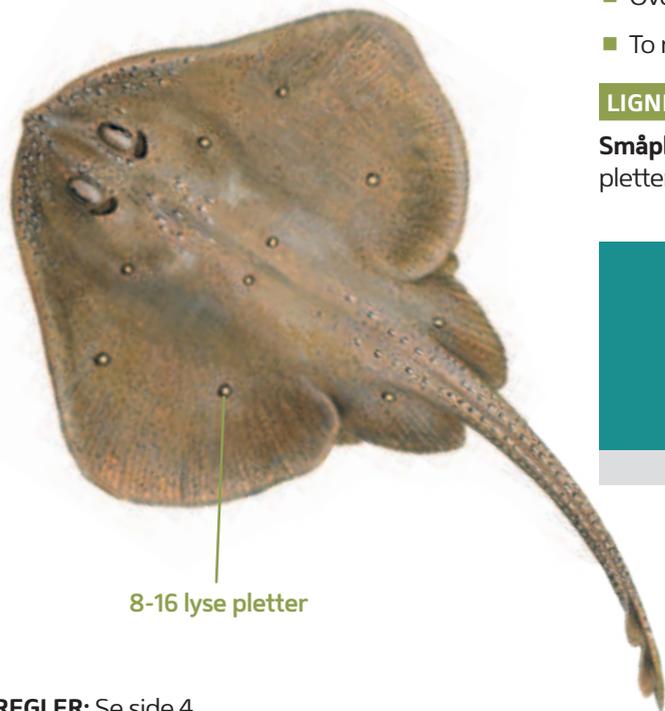


20 - 500 m

Sorte øjepletter med gule tegninger

**REGLER:** Se side 4**REGISTRERING:** RJN**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

## SANDROKKE



8-16 lyse pletter

**REGLER:** Se side 4.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl, Fiskeatlas ► **SE BAGSIDEN**

FAO: RJI

Sandy Ray

*Leucoraja circularis*

- Mellemstor (max. 120 cm) rokke med kort, rund snude.
- Overside brun med **8-16 lyse pletter**.
- To rækker torne på halen, med 32-38 torne.

LIGNER

**Småplettet rokke** (side 25), men mangler sorte pletter.



70 - 700 m



# FLODLAMPRET



Kun få  
store tænder

FAO: LAR

River Lamprey

*Lampetra fluviatilis*

- Lille (max 50 cm) ålelignende fisk uden bryst- og bugfinner.
- Munden er en sugeskive, der er besat med horn-tænder.
- Kroppen brunlig eller sølvskinnende.

## LIGNER

**Havlampret** (side 31), men er oftest mindre og er ikke mønstret på kroppen. Flodlamprettens sugeskive har **få store tænder** sammenlignet med havlampret.



Langs kysten

**REGLER:** Natura 2000 art. Bør genudsættes hvis den er levedygtig.

**REGISTRERING:** Vægt og antal.

**KONTAKT:** FISKEATLAS modtager gerne døde eksemplarer ► **SE BAGSIDEN**

# HAVLAMPRET



Mange små  
tænder



**REGLER:** Natura 2000 art. Bør genudsættes hvis den er levedygtig.

**REGISTRERING:** Vægt og antal.

**KONTAKT:** FISKEATLAS modtager gerne døde eksemplarer ► **SE BAGSIDEN**

**FAO:** LAU

Sea Lamprey

*Petromyzon marinus*

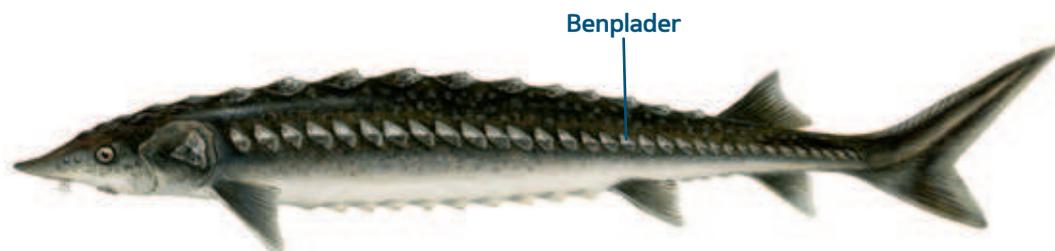
- Stor (max 120 cm) ålelignende fisk uden bryst- og bugfinner.
- Munden er en sugeskive, der er besat med horn-tænder.
- Kroppen blålig, gullig eller brunlig. Udvoksede havlampretter har marmor-mønstret overflade.

**LIGNER**

**Flodlampret**(side 30), men bliver større. Sugeskiven er tæt besat med **mange små tænder** modsat flodlampretten, som har få store.

# STØRER

- flere arter



FAO: **STU**

Sturgeons

*Acipenseridae*

- Meget stor (op til ca. 5 m) haj-lignende fisk med kun én gælleåbning på hver side.
- Munden uden tænder sidder på hovedets underside. På undersiden af snuden sidder 4 skægtråde.

## LIGNER

De forskellige størarter ligner hinanden så meget, at det er en ekspertopgave at artsbestemme dem. Det gøres bedst ud fra gode fotografier.



**REGLER:** Fredet.

**LEVEDYGTIGE FISK:** Skal genudsættes. Måles og vejes forinden. Tag billeder af munden nedefra og af fisken fra siden, så benpladerne kan tælles.

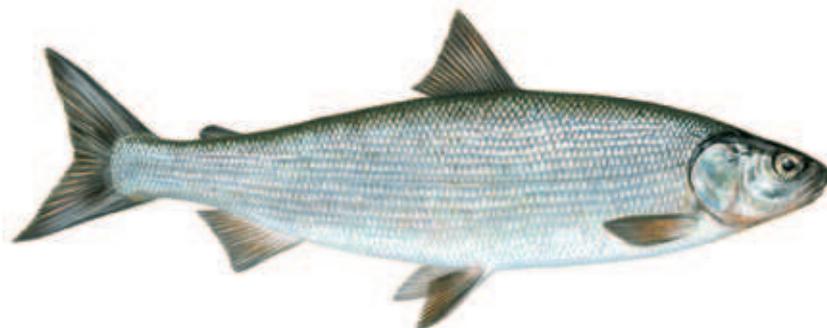
**DØDE FISK:** Indfryses om muligt.

**KONTAKT:** I begge tilfælde FISKEATLAS

► **SE BAGSIDEN**

# SNÆBEL

- variant af helt



**REGLER:** Fredet.

**LEVEDYGTIGE FISK:** Skal genudsættes. Måles og vejes forinden, og tag billeder.

**DØDE FISK:** Indfryses om muligt.

**KONTAKT:** I begge tilfælde FISKEATLAS

► **SE BAGSIDEN**

## FAO: HOU

Houting

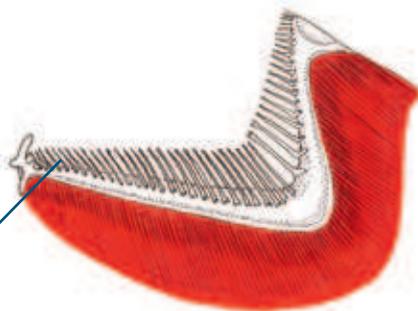
*Coregonus lavaretus* (tidl. *C. oxyrinchus*)

- Mellemstor (max 60 cm) laksefisk med fedtfinne nær halen og tydeligt overbid.
- Forholdsvis store, sølvskinnende skæl (79-100 skæl langs sidelinjen).

## LIGNER

Ligner andre slags helt (ikke illustreret i guiden), men er normalt mere langsnudet. Snæbel findes **kun i Vadehavs-området** hvor der ikke findes andre heltbestande.

## STAVSILD



40-60 gællegitterstave

## FAO: TSD

Twaite Shad

*Alosa fallax*

- Mellemsør (max 60 cm) fisk i sildefamilien.
- 1-10 sorte pletter på hver side. Ofte er kun pletten bag gællelåget tydelig.
- **40-60 gællegitterstave** på forreste gællebue.

## LIGNER

**Majsild** (side 35), men har færre gællegitterstave (40-60 mod majsildens 90-120).



Langs kysten

**REGLER:** Natura 2000 art. Bør genudsættes hvis den er levedygtig.

**REGISTRERING:** Vægt og antal.

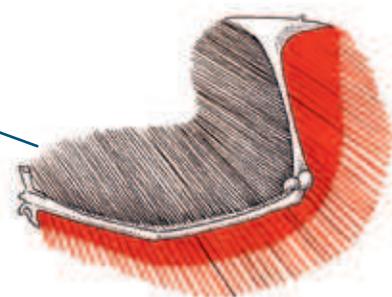
**KONTAKT VED TVIVL:** FISKEATLAS

► **SE BAGSIDEN**

## MAJSILD



90-120 gællegitterstave



Langs kysten

**REGLER:** Natura 2000 art. Bør genudsættes hvis den er levedygtig. Meget sjælden, så fangster bør så vidt muligt undgås.

**REGISTRERING:** Vægt og antal.

**KONTAKT:** FISKEATLAS modtager gerne døde eksemplarer ► **SE BAGSIDEN**

**FAO:** ASD

Allis Shad

*Alosa alosa*

- Mellemstor (max 60 cm) fisk i sildefamilien.
- 1-6 sorte pletter på hver side. Ofte er kun pletten bag gællelåget tydelig.
- **90-120 gællegitterstave** på forreste gællebue.

**LIGNER**

**Stavsild** (side 34), men har flere gællegitterstave (90-120 mod stavsildens 40-60).

## SØKONGE



Vinter

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Little Auk

*Alle alle*

- Mindste alkefugl (ca. 18 cm).
- Sort overside og hvid underside.

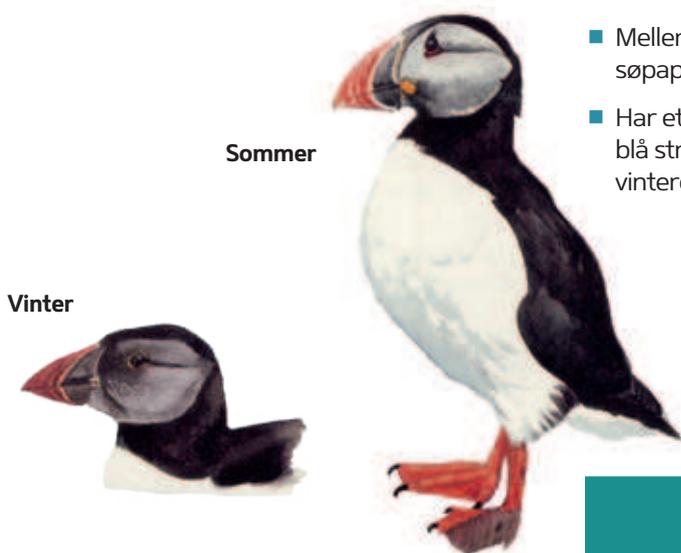
## LIGNER

**Alk og Lomvie** (side 37) men er mindre og har kort næb og hals.



Til havs. Vinter

## LUNDE



Sommer

Vinter

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Atlantic Puffin

*Fratercula arctica*

- Mellemstor alkefugl (ca. 30 cm). Kaldes også søpapegøje.
- Har et højt trekantet næb med rød, gul og blå stribe, dog noget svagere farvet om vinteren.



Til havs, vinter

## LOMVIE

Common Guillemot

*Uria aalge*

- Mellemstor alkefugl (ca. 40 cm)
- Sort ryg og hvidt bryst

## LIGNER

**Alk** (herunder) men har **spidst næb**. **Tejst** (side 38), men har sorte ben.



Vinter



Sommer



Til havs. Året rundt

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM► **SE BAGSIDEN**

Razorbill

*Alca torda*

- Mellemstor alkefugl (ca. 38 cm)
- Sort ryg og hvidt bryst

## LIGNER

**Lomvie** (herover), men har et kraftigt, sort næb med hvide tværstriber.



Vinter



Sommer

Lomvie til sammenligning



Til havs. Året rundt

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM► **SE BAGSIDEN**

## ALK

## TEJST



**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Black Guillemot

*Cephus grylle*

- Mellemstor alkefugl (ca. 32 cm), med spidst sort næb.
- **Sommer:** Sort med stort, **hvidt vingefelt** og lysende røde ben.
- **Vinter:** Underside hvid. **Overside spraglet** i grå med hvidt vingefelt.

## LIGNER

**Lomvie** (side 37) men har røde ben.



Nær kysten. Året rundt

## SULE



**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Gannet

*Morus bossanus*

- Største havfugl i Nordatlanten (max 95 cm, vingefang 165-180 cm)
- Hvid med sorte vingespids og **gulligt hoved og hals**.
- Ungfugle dog sortbrun med små hvide pletter.

## LIGNER

**Mallebuk** (side 50), men har et langt, spidst næb uden rør.



## SKARV

Great Cormorant

*Phalacrocorax carbo*

- Stor fugl (80-100 cm) med lang hals og hale. Kraftigt, langt næb med kroget spids.
- Sort dragt. Ungfugl dog brunlig med lys strube og hals.

## LIGNER

**Topskarv** (herunder), men er større og kraftigere og har **flad pande**.



Lavt vand. Året rundt

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM► **SE BAGSIDEN**

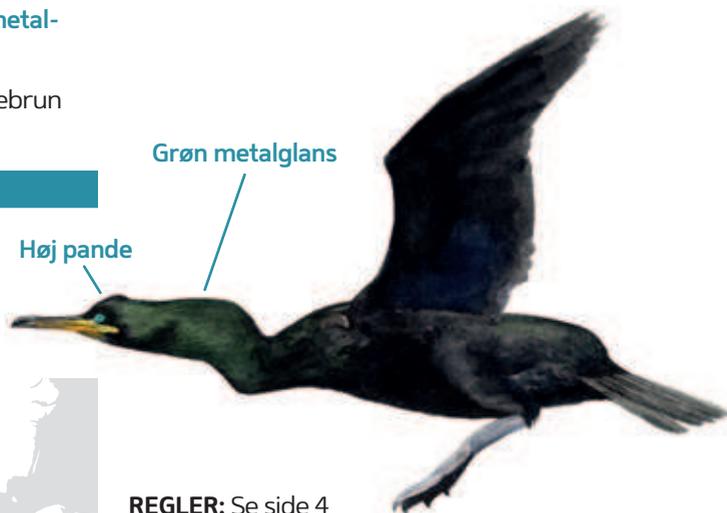
Shag

*Phalacrocorax aristotelis*

- Stor fugl (65-80 cm) med lang hals og hale. Smalt, langt næb med kroget spids.
- **Yngledragt:** Sort med tydelig **grøn metalglans** og fjertop på issen.
- **Ungfugl:** Mørkebrun overside og lysebrun underside med hvidlig hage.

## LIGNER

**Skarv** (herover), men er mindre, ikke så kraftig og har **høj pande**.

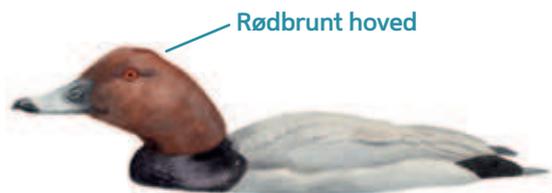


Oftest nær klippekyster. Året rundt

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM► **SE BAGSIDEN**

## TOPSKARV

# TAFFELAND



Han

Rødbrint haved

Pochard

*Aythya ferina*

- **Han:** Grå krop med sort undergump og bryst. **Rødbrint haved.**
- **Hun:** Brungrå med **lyse tegninger i hovedet.**



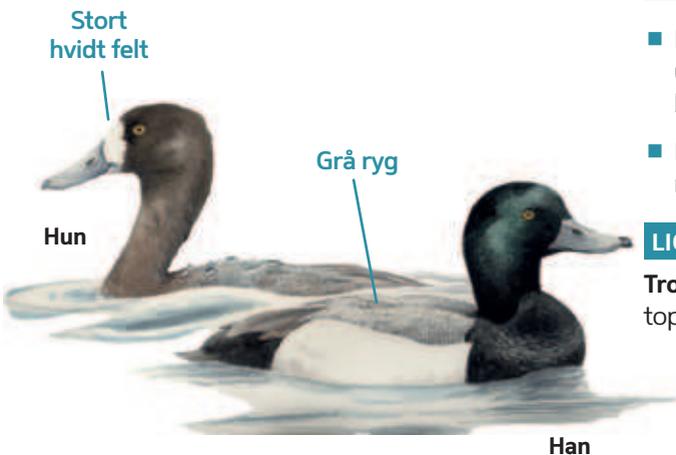
Hun

Lyse tegninger i hovedet

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM▶ **SE BAGSIDEN**

Ved kysten. Vinter.

# BJERGAND



Hun

Stort  
hvidt felt

Grå ryg

Han

Scaup

*Aythya marila*

- **Han:** Grå ryg og hvid på flankerne, med sort undergump og bryst. Mørkt, metalgrønt hoved.
- **Hun:** Brun med et **stort, hvidt felt** omkring næbbet.

**LIGNER (han)****Troldand** (side 41), men har grå ryg og ingen top.

Ved kysten. Vinter.

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM▶ **SE BAGSIDEN**

## TROLDAND

Tufted Duck

*Aythya fuligula*

- **Han:** Sort ryg og hvid på flankerne, med sort undergump og bryst. Mørkt, metalblåt hoved med **top**.
- **Hun:** Brun.

## LIGNER (hun)

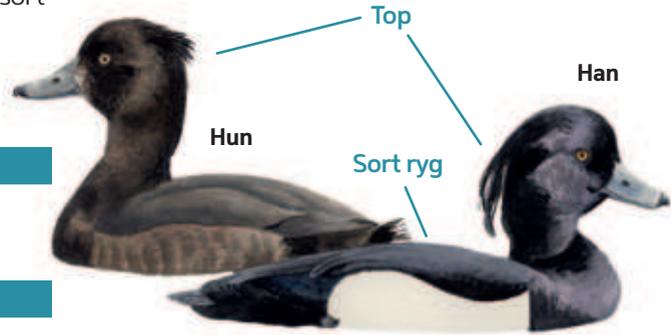
**Bjergand** (side 40), men har intet eller kun meget lidt hvidt ved næbbet.

## LIGNER (han)

**Bjergand** (side 40), men har **top** og **sort ryg**.



Ved kysten. Vinter

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM► **SE BAGSIDEN**

Eider

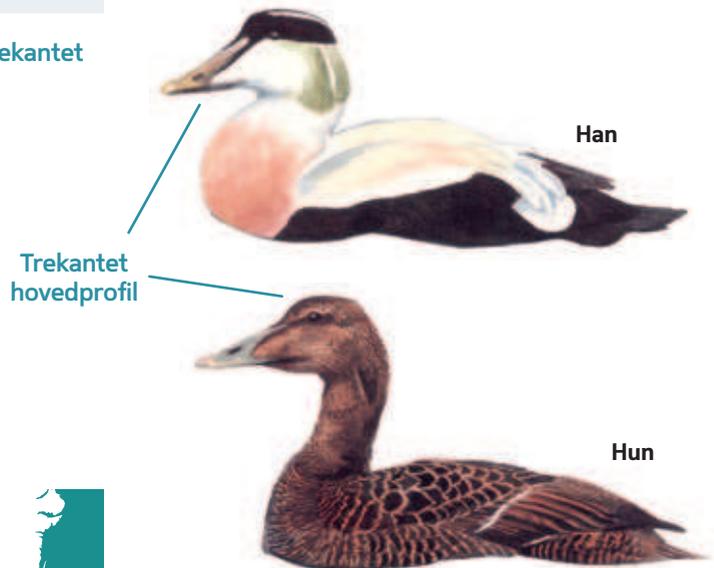
*Somateria mollissima*

- Stor og kraftig and. Karakteristisk **trekantet hovedprofil**.
- **Han:** Hvid ryg, bryst og hale. Sort på flankerne og grøn nakke.
- **Hun:** Brunspættet.



Ved kysten. Året rundt

## EDERFUGL

**REGLER:** Se side 4**REGISTRERING:** Antal og evt. ringmærke**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM► **SE BAGSIDEN**

## SORTAND



**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Common Scoter

*Melanitta nigra*

- **Han:** Helt sort med **gult felt på overnæbbet**.
- **Hun:** Mørkebrun med lysere kind og strube.

## LIGNER

**Fløjsand** (side 43), men sortand har ikke fløjlsandens hvide vingepletter.



Til havs. Vinter og på træk

## HAVLIT

Rosa bånd på næbbet

Lange halefjer

Han

Hun



Long-tailed Duck

*Clangula hyemalis*

- Lille and (ca. 40 cm).
- **Han:** Spraglet med meget **lange halefjer**. **Rosa bånd på næbbet**.
- **Hun:** Mere brunlig end hannen uden lange halefjer.

## LIGNER (hun)

**Lille skallesluger** (side 44), men er mere spraglet på kroppen, og har hvid hals, ikke kind.



Ved kysten. Vinter og på træk

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

## FLØJLSAND

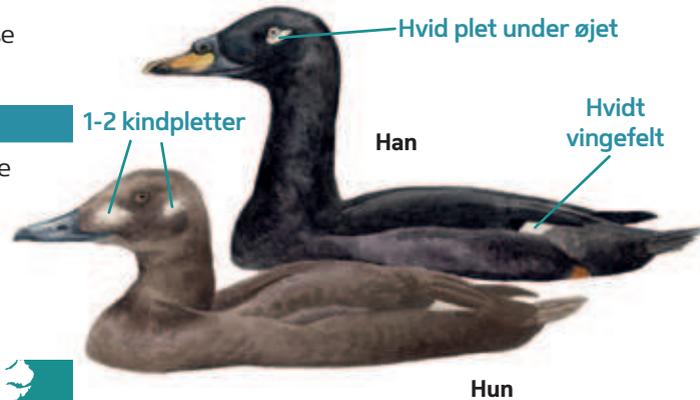
Velvet Scoter

*Melanitta fusca*

- **Han:** Helt sort med **hvidt vingefelt** og **hvidt plet under øjet**. Gult felt på overnæbbet.
- **Hun:** Ensfarvet mørkebrun med 1-2 lyse kindpletter.

## LIGNER

**Sortand** (side 42), men kendes på de hvide pletter ved øjet og på vingerne.



Til havs. Vinter og på trækk

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

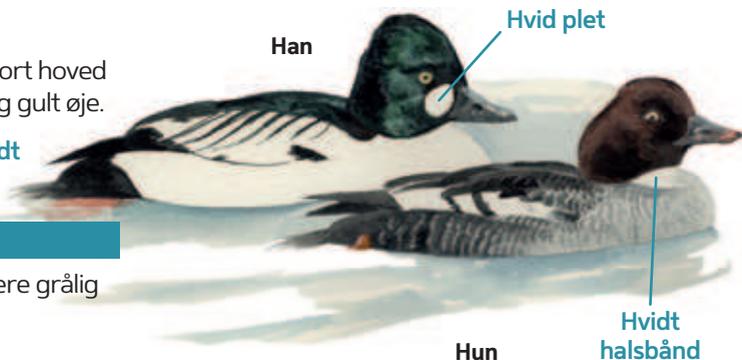
Goldeneye

*Bucephala clangula*

- Mellemstor and (42-50 cm) med stort trekantet hoved.
- **Han:** Overvejende hvid med grønsort hoved med stor, **hvid plet** mellem næb og gult øje.
- **Hun:** Grå krop, brunt hoved og **hvidt halsbånd**.

## LIGNER (hun)

**Lille skallesluger** (side 44), men er mere grålig og har hvid hals, ikke kind.



Ved kysten. Vinter og på trækk

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

## HVINAND

# STOR SKALLESLUGER

Skarp overgang

Hun

Han

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Goosander

*Mergus merganser*

- Stor (ca. 66 cm) dykand med langt tyndt næb med kroget spids og stort hoved.
- **Han:** Mørkegrønt hoved med rødt næb. Bryst og flanker er hvide med rosa skær.
- **Hun:** **Skarp overgang** mellem brunt hoved og grå/rosa hals og krop.

**LIGNER** (hun)

**Toppet skallesluger** (side 45), men kendes på den skarpe overgang på halsen.



Ved kysten. Vinter

# LILLE SKALLESLUGER

Hvid kind

Hun

Han

**REGLER:** Se side 4

**REGISTRERING:** Antal

**KONTAKT:** Ringmærker til

ZOOLOGISK MUSEUM ► **SE BAGSIDEN**

Smew

*Mergellus albellus*

- Lille dykand (ca. 41 cm)
- **Han:** Hvid med enkelte sorte streger/tegninger og sort plet ved øje og næb. Top på issen.
- **Hun:** Gråbrun. Hovedet med rødbrun kalot og **hvid kind**.

**LIGNER** (hun)

**Havlit og Hvinand** (side 42-43), men er hvid på kinden, ikke kun halsen.



Nær kysten. Vinter

## Red-breasted Merganser

*Mergus serrator*

- Mellemstor dykand (ca. 58 cm).
- **Han:** Mørkegrønt hoved med **kraftig top**, **hvid hals** og brunstribet bryst.
- **Hun:** **Diffus overgang** fra brunt hoved til grå hals og krop.

## LIGNER (hun)

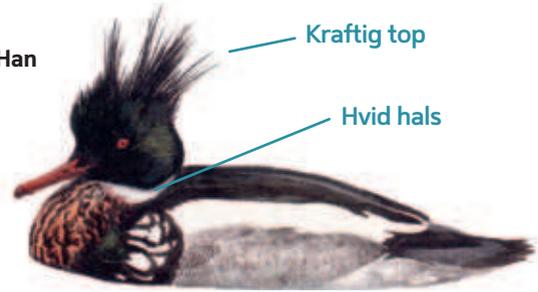
**Stor skallesluger** (side 44), men har ikke den skarpe overgang på halsen.



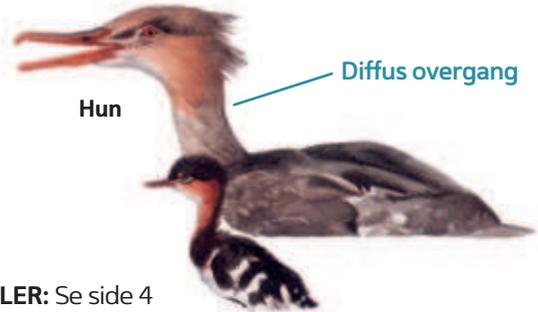
Nær kysten. Året rundt

## TOPPET SKALLESLUGER

Han



Hun



**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

# SORTSTRUBET LOM

Lige næb

Sort omkring øjet

Vinter



**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Black-throated Diver

*Gavia arctica*

- Mindre lom (58-73cm).
- **Sommer:** Sort og hvid, med felter af sort-hvide striber.
- **Vinter:** Overside mørkegrå, underside hvid.

**LIGNER (vinter)**

**Rødstrubet lom** (herunder), men har **lige næb**, og er **sort omkring øjet**.

**LIGNER (sommer)**

**Islom** (side 47), som dog er meget større (80-100 cm).



Nær kysten. Vinter og på træk

# RØDSTRUBET LOM

Opad buet næb

Sommer

Vinter

Hvid omkring øjet



Red-throated Diver

*Gavia stellata*

- Mindste lom i Norden (53-69 cm).
- **Sommer:** Grå til gråbrun med rød strube.
- **Vinter:** Lys strube, hvidspættet ryg.

**LIGNER (Vinter)**

**Sortstrubet lom** (herover), men har **opad buet næb** og er **hvid omkring øjet**. **Hvidnæbbet lom** (side 47), som dog er meget større (80-90 cm).



Nær kysten. Vinter og på træk

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

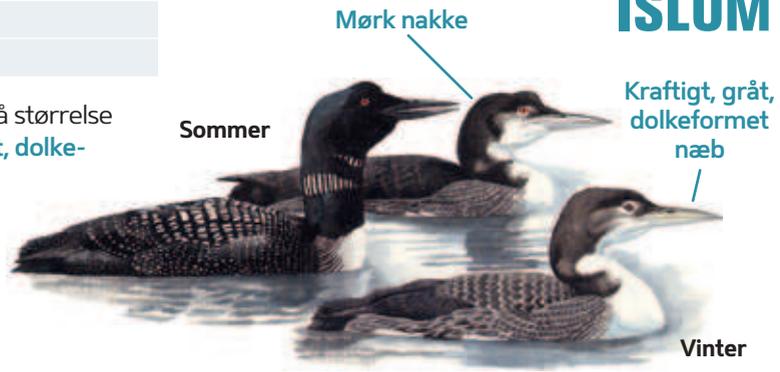
► **SE BAGSIDEN**

## ISLØM

Great Northern Diver

*Gavia immer*

- Stor lom (68-91 cm), næsten på størrelse med skarv. Stort hoved og **gråt, dolkeformet næb**.
- **Sommer:** Sort og hvid, med felter af striber og pletter.
- **Vinter:** Næsten sort halskrave og **mørk nakke**.



## LIGNER

**Hvidnæbbet lom** (se >), men har mørkere hals (vinter) og dolkeformet næb.



**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

White-billed Diver

*Gavia adamsii*

- Den største lom (75-100 cm).
- **Sommer:** Sort og hvid, med felter af striber og pletter.
- **Vinter:** **Lys grå hals og nakke**.

## LIGNER

**Isløm** (herover), men har lysere nakke (vinter) og **lyst, opad buet næb**.

**Rødstrubet lom** (side 46), men er meget større.



Til havs. Vinter og på trækk

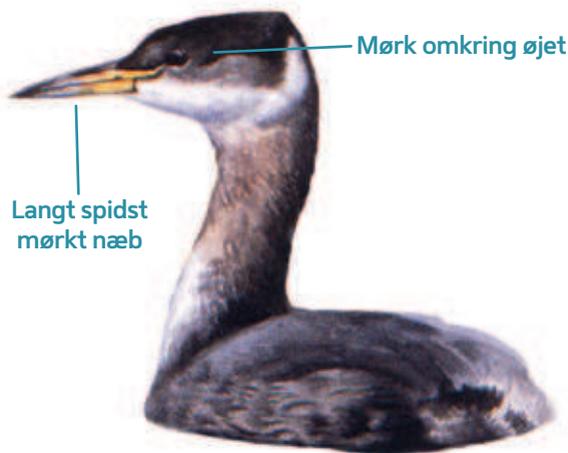
**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

# GRÅSTRUBET LAPPEDYKKER



Vinter

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Red-necked Grebe

*Podiceps grisegena*

- Mellemstor lappedykker (ca. 45 cm).
- **Vinter:** Overside brun, diffus overgang til hvid/grålig underside.
- **Sommer:** Rødbrun hals.

## LIGNER

**Toppet lappedykker** (herunder) men har et langt, **mørkt, gulligt næb** og er **mørk omkring øjet**.



Nær kysten. Året rundt

# TOPPET LAPPEDYKKER

Lys omkring øjet



Langt, spidst,  
lyserødt næb

Vinter

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

Great Crested Grebe

*Podiceps cristatus*

- Den største lappedykker (50 cm).
- **Vinter:** Overside brun, underside hvid.
- **Sommer:** Sort top på hovedet, brunt kindsæg.

## LIGNER

**Gråstrubet lappedykker** (herover) men har et **langt lyserødt næb** og er **lys omkring øjet**.



Nær kysten. Året rundt

Slavonian Grebe

*Podiceps auritus*

- Ret lille lappedykker (ca. 35 cm), med 'flad' pande og bredt hoved.
- **Sommer:** Brun på siden og gulbrune fjertoppe bag øjnene.
- **Vinter:** Overside mørkgrå eller brun, underside hvid.

#### LIGNER

**Gråstrubet lappedykker** (side 48), men er mindre og har et **lille næb** og **røde øjne**.

**Sorthalset lappedykker** (ikke i guiden) som dog har 'høj' pande og opadbuget næb.

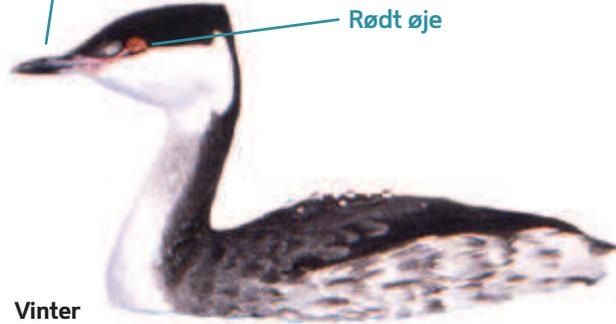


Nær kysten. Vinter

## NORDISK LAPPEDYKKER

Lille næb

Rødt øje



Vinter

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

# MALLEMUK

Sommer



Rør på næbbets overside



REGLER: Se side 4

REGISTRERING: Antal og evt. ringmærke

KONTAKT: ved tvivl, ZOOLOGISK MUSEUM

► SE BAGSIDEN

Fulmar

*Fulmarus glacialis*

- Ret stor, tætbygget, mågelignende stormfugl (ca. 45 cm, vingefang 110 cm).
- Grå-hvid fjerdragt og grå hale. Vingerne er placeret længere tilbage på kroppen.

## LIGNER

**Måger** (ikke i guiden), men har et kort, kraftigt, gult næb med **rørformede næsebor på oversiden**.



Til havs. Året rundt

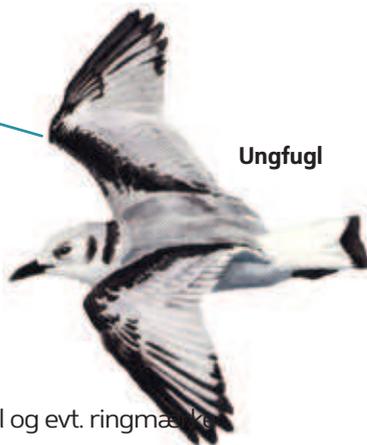
# RIDE



Voksen

Helt sorte vingspidser

W-formet tegning



Ungfugl

REGLER: Se side 4

REGISTRERING: Antal og evt. ringmærke

KONTAKT: ved tvivl, ZOOLOGISK MUSEUM

► SE BAGSIDEN

Kittiwake

*Rissa tridactyla*

- Mellemstor måge (39 cm). Kaldes også tre-tået måge.
- Overside grå, underside og hoved hvidt. Gult næb.
- Ungfugle dog med mørkt næb og en sort tegning på oversiden af form som et W.

## LIGNER

**Stormmåge** (ikke i guiden), men har helt sorte vingspidser og korte sorte ben.



Til havs. Året rundt

## SODFARVET SKRÅPE

Sooty Shearwater

*Puffinus griseus*

- Lille stormfugl (ca. 45 cm, vingefang ca. 100 cm.) med lange, smalle vinger.
- Mørkebrun med **lyse felter på undersiden af vingerne**.
- **Rørformede næsebor på oversiden af næbbet**.

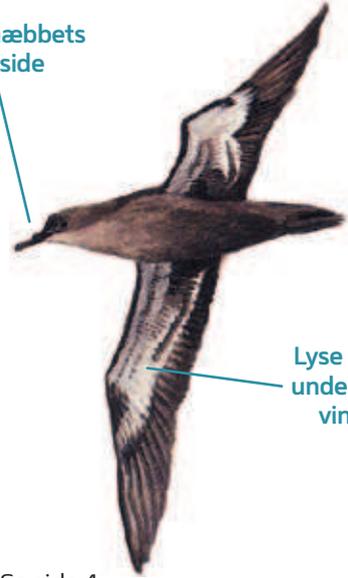
### LIGNER

**Almindelig skråpe** (herunder), men er kun lys på felter af undersiden.



Til havs. Sommer og på trækk

Rør på næbbets  
overside



Lyse felter på  
undersiden af  
vingerne

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

## ALMINDELIG SKRÅPE

Manx Shearwater

*Puffinus puffinus*

- Lille stormfugl (ca. 35 cm, vingefang ca. 80 cm) med lange, smalle vinger.
- Overside næsten ensfarvet sort, **undersiden lys**.

### LIGNER

**Sodfarvet skråpe** (herover), men er lys på næsten hele undersiden.



Til havs. Sommer og på trækk



Lys underside

**REGLER:** Se side 4

**REGISTRERING:** Antal og evt. ringmærke

**KONTAKT:** ved tvivl, ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

# OSTESVAMPE



*Geodia macandrewi, Geodia barretti*

- Hvidlige eller grålige, massive kugleformede eller noget uregelmæssige svampe.
- Glat eller 'håret', skorpeagtig overflade. Op til 80 cm i diameter, oftest mindre.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM

► **SE BAGSIDEN**



Hård bund. 50-400 m.

# KISEL SVAMPE



*Stryphnus, Stelletta*

- Hvidlige, grålige eller gullige, massive, uregelmæssige svampe, der let brækker i stykker.
- Ubehagelige at håndtere på grund af de små, stikkende kisel nåle i skelettet.
- Overfladen 'håret', ofte bevoset med andre dyr. Op til 50 cm i diameter.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM

► **SE BAGSIDEN**



Hård bund. 50-2000 m.

## VIFTESVAMP

*Phakellia*

- Gulbrune, stilkede, vifteformede svampe, sommetider med et par blade.
- Glat overflade. Op til 1 cm tyk og 80 cm bred / høj.



Hård bund. 15-1900 m.



**REGISTRERING:** Længde og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

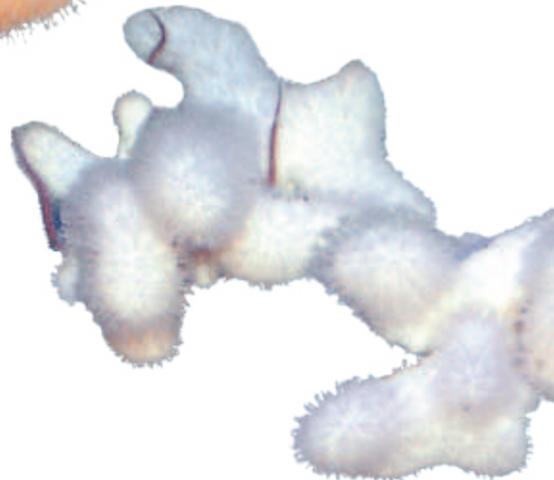
*Alcyonium digitatum*

- Orangerfarvede eller hvidlige, klumpede eller lidt grenede, massive, noget elastiske koral-kolonier.
- Koloniens individer spredt over hele overfladen. Koral-kolonierne op til ca. 20 cm høje.



Hård bund. 20-700 m.

## DØDNINGEHÅND

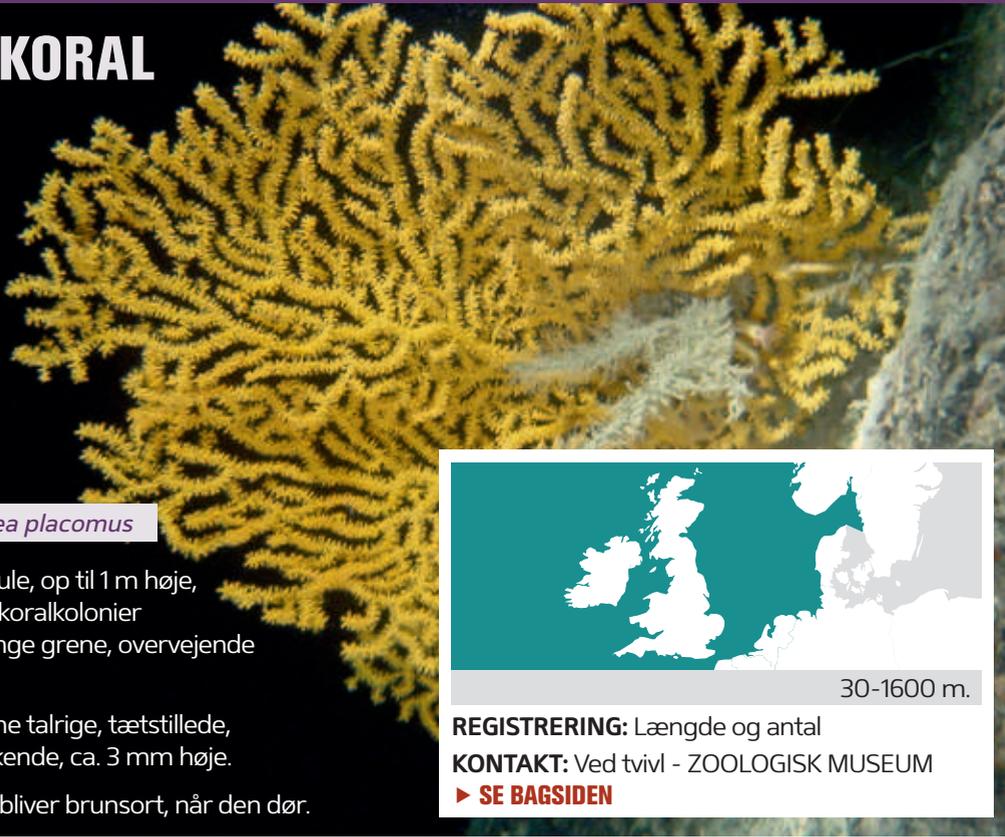


**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

# VIFTEKORAL



*Paramuricea placomus*

- Orangegule, op til 1 m høje, elastiske koralkolonier med mange grene, overvejende i ét plan.
- Individerne talrige, tætstillede, fremstikkende, ca. 3 mm høje.
- Kolonien bliver brunsort, når den dør.



30-1600 m.

**REGISTRERING:** Længde og antal  
**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM  
 ► **SE BAGSIDEN**

# RISENGRYNSKORAL



*Primnoa resedaeformis*

- Rødlige eller hvidlige, op til 1 m høje, buskformede koral-kolonier, ofte forgrenet mest i ét plan.
- Individerne ret store, talrige og tætstillede, dækket af tydelige skæl.



Hård bund. 100-1000 m.

**REGISTRERING:** Længde og antal  
**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM  
 ► **SE BAGSIDEN**

## ØJEKORAL

*Lophelia pertusa*

- Rødlige koral-kolonier med fast, hvidt, stærkt forgrenet kalkskelet, kan danne rev op til 10 m høje, oftest langt mindre.
- Hvert individ sidder i et langstrakt kalkbæger, 1-2 cm i diameter, med indre, radiære skillevægge.



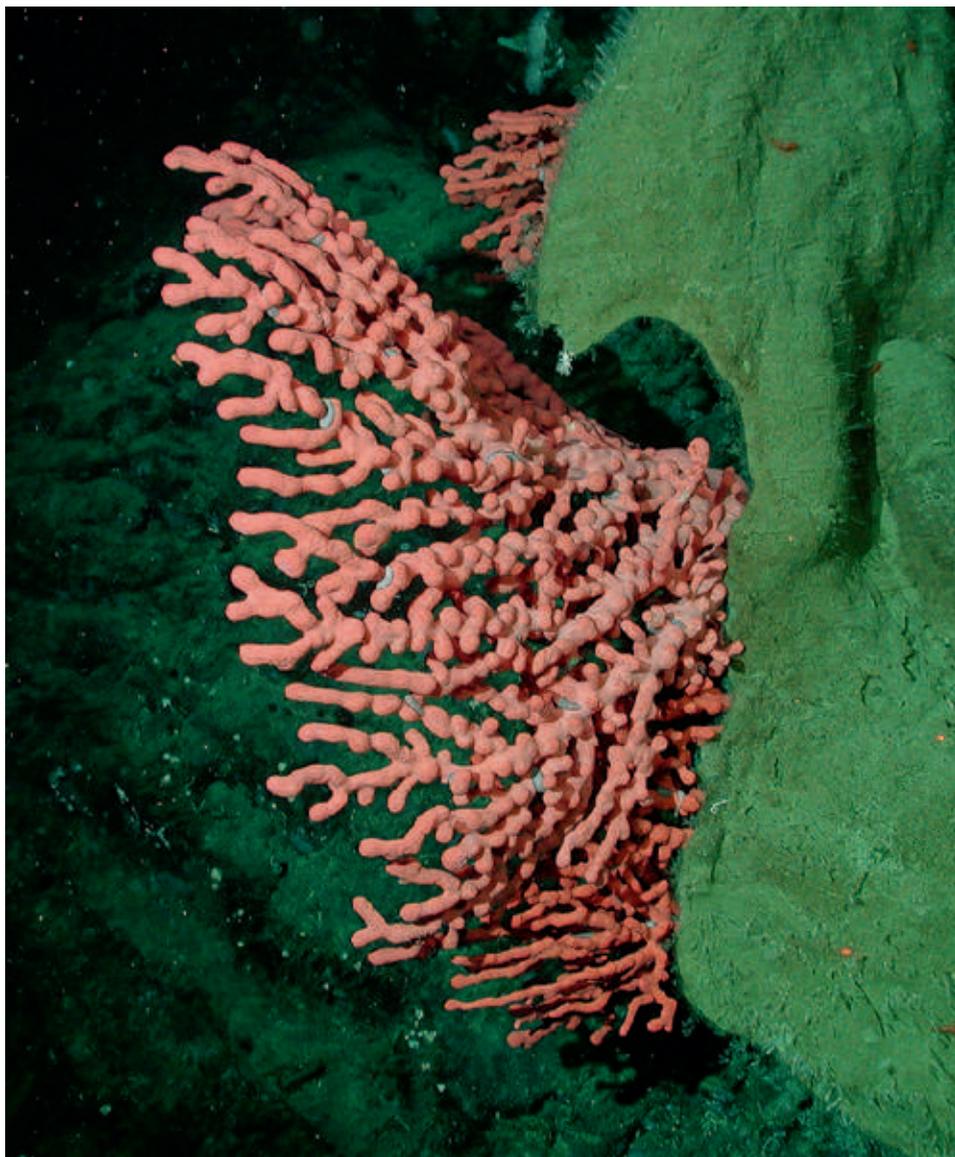
Hård bund. 30-2000 m.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

## SØTRÆ

*Paragorgia arborea*

- Rødlige eller hvidlige, store, træagtige koral-kolonier med tykke stammer og grene, ofte over 2 m høje.
- Individerne store, ret få og spredte.



Hård bund. 50-1300 m.

**REGISTRERING:** Vægt og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM

► **SE BAGSIDEN**

*Pennatula, Virgularia, Funiculina*

- Korall-kolonier med en sej, elastisk akse, individerne på sidegrene eller direkte på stammen. 10 cm – 2 m høje, afhængigt af arten.
- Individer af 2 slags, adskilt i bæltter; de sædvanlige med fangarme og små knopformede uden fangarme.



Hård bund. 20-700 m.

**REGISTRERING:** Længde og antal

**KONTAKT:** Ved tvivl - ZOOLOGISK MUSEUM ► **SE BAGSIDEN**

## Pennatula



Pennatula



Virgularia

# KONTAKT

## ROKKER

### FISKEATLAS

## HAJER

## FISK

Kontakt eksperterne fra Fiskeatlas-projektet ved tvivl om rokker, hajer og andre fisk, og angående døde eksemplarer af særligt sjældne fisk (se i arterne i guiden). Ved tvivl, ring direkte eller tag et par billeder (fx med en telefon) til bestemmelse af arten, og send dem ind sammen med fartøjsnummer, position og fangst dato.

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Telefon: **35 32 11 24**

e-mail: **info@fiskeatlas.dk**

## FUGLE

### ZOOLOGISK MUSEUM

Kontakt Zoologisk Museum angående ringmærkede fugle og døde eksemplarer af særligt sjældne fugle (se i arterne i guiden). Ved tvivl om arten, tag et par billeder (fx med en telefon), og send dem ind sammen med fartøjsnummer, position og fangst dato.

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Telefon: **35 32 10 32**

e-mail: **ringing@snm.ku.dk**

## KORALLER OG SVAMPE

### ZOOLOGISK MUSEUM

Kontakt Ole Secher Tendal ved Zoologisk Museum ved tvivl om koraller og havsvampe. Tag et par billeder (fx med en telefon) til bestemmelse af arten, og send dem ind sammen med fartøjsnummer, position og fangst dato.

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Telefon: **35 32 10 38** eller **29 91 94 39**

e-mail: **ostendal@snm.ku.dk**

## HAVPATTEDYR

### FISKERI- OG SØFARTSMUSEET

Kontakt Lasse Fast Jensen ved Fiskeri- og Søfartsmuseet angående sæler, marsvin og delfiner.

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Telefon: **76 12 20 00** (døgnet rundt)

e-mail: **lfj@fimus.dk**

### DFPO – alle andre spørgsmål

Andre spørgsmål angående arterne eller registreringen og kommentarer og forslag til forbedringer af guiden sendes til Jonathan Broch Jacobsen hos Danske Fiskeres PO.

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Telefon: **76 10 96 53**

e-mail: **dagbog@dfpo.dk**