



## **INTER-AMERICAN CONVENTION FOR THE PROTECTION AND CONSERVATION OF SEA TURTLES**

### **IAC – ANNUAL REPORT 2021**

# **Mexico**

#### **IAC Annual Report General Instructions**

Annex IV of the Convention text states that each Contracting Party shall submit an Annual Report each year.

To complete this Annual Report, Focal Points should consult with appropriate stakeholders involved in sea turtle issues. If you have any questions regarding this Annual Report, please contact the Secretariat at [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

The submission deadline for this Annual Report is April 30th, 2021.

Translation by Luz Helena Rodriguez – IAC Secretariat

## Part I – General Information

### Country

Name of the country reporting

>>> Mexico

### Official Note

If required, please attach here the relevant administrative authority **official note** endorsing the annual report submission.

Are you attaching an official note?

*Please select only one option*

☒ Yes

☐ No

[DGTG-02190.pdf](#) - Official submission note

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1.1 Name

>>> Valeria Cruz Blancas

1.2 Institution

>>> Secretaría de Relaciones Exteriores

1.3 Submission Date

>>> June 24, 2021

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2.1 Name of the person preparing this report

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3.1 Others who participated in the preparation of this report

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## Part II – Policy and Management

### 1) General description of activities

**General description of activities carried out for the protection and conservation of sea turtles.** In accordance with Articles IX and XVIII of the text of the Convention, each Party shall establish monitoring programs, policies and plans for implementation at a national level for the protection and conservation of sea turtles and their habitat. The Party shall report on the action plans, management plan or other types of instruments.

Please select the options that best apply for your country and provide the link to the corresponding document if available online. If it is in progress add the date is expected to be finalized in the corresponding section.

1.1 The country has a national strategy/plan for the conservation of sea turtles in accordance with Article XVIII.

Please upload the file or attach the links to the corresponding documents using the blue box icons beneath each question  
*Please select only one option*

- ☒ Yes  
☐ No  
☐ In Progress

You have attached the following documents to this answer.

[Part II Annex 1.1 National Action Plan.docx](#) - National Action Plan

#### Species Management Plan

Only applicable to countries that have developed individual management plans for each species.

1.1.1 The country has a **specific strategy/plan** for the conservation of:

Please upload the file or attach the link to the corresponding document using icons below.

- ☒ *Lepidochelys olivacea*  
☒ *Lepidochelys kempii*  
☒ *Dermochelys coriacea*  
☒ *Eretmochelys imbricata*  
☒ *Caretta caretta*  
☒ *Chelonia mydas*

You have attached the following documents to this answer.

[Species Conservation Action Program: Loggerhead Turtle](#) - PACE Loggerhead Turtle

[Species Conservation Action Program: Hawksbill Turtle](#) - PACE Hawksbill Turtle

[Species Conservation Action Program: Kemp's Ridley](#) - PACE Kemp's ridley

[Species Conservation Action Program: Olive Ridley: Tortuga Golfina](#) - PACE Olive Ridley Turtle

[Species Conservation Action Program: Green/Black Turtle](#) - PACE black-green Turtle

1.2 Does your country have policies and programs at local and regional scales in accordance with Article XVIII?

Please attach the list of policies and programs and other information relevant to their adoption or implementation.

*Please select only one option*

- ☒ Yes  
☐ No  
☐ In Progress

You have attached the following documents to this answer.

[Part II Annex 1.2 Policies and Programs](#) - National Policies and Programs

1.3 Does your country have monitoring programs in accordance with Article IX?

Please attach the list of programs and other information relevant to their adoption or implementation.

*Please select only one option*

- ☒ Yes  
☐ No  
☐ In Progress

You have attached the following documents to this answer.

[Part II Anexo 1.3 Monitoring programs following Article IX.docx](#) - Monitoring program

## 2) National legislation and international instruments related to sea turtles adopted during the preceding year

Describe any national regulations, international agreements and other legal instruments related to sea turtles and/or relevant activities that were adopted during the preceding year (**30 April 2020 – 30 April 2021**).

Please provide a literature reference and attach the digital file for the legislation and its corresponding number. The laws adopting the international legislation should be included when they exist.

**First time a country is submitting this information:** please include all pertinent national legislation and international instruments currently in force.

**Countries that have previously submitted this information;** please provide information for any changes that have occurred since your country's last report submission (2020).

### National Legislation

Type and name of the legal instrument (No.)	Description (Range of application)	Sanctions Imposed

### International Instruments

Treaty, Convention, Agreements, Memorandum of Understanding	Year signed and/or ratified

## 3) Actions to comply with National and International Mandate

List actions that are being carried out to comply with national and international mandates.

(Ex: inspections, confiscations, sanctions, etc.)

»» The Federal Penal Code establishes sanctions for whoever captures, damages or deprives of life a specimen of sea turtle, or collects or stores its products or by-products in any way.

The General Wildlife Law prohibits the extractive use of sea turtles, whether for subsistence or commercial purposes, including their parts and derivatives.

Specifically, there is the Official Mexican Standard NOM-62-SEMARNAT-2012, which establishes the specifications for the protection, recovery and management of sea turtle populations in their nesting habitat.

You have attached the following documents to this answer.

[Turtle Camps Inspection](#)

[Inspection and surveillance in nesting sites](#)

## 4) Efforts to increase IAC membership

4.1 Has your country encouraged non-member states to join the IAC?

*Please select only one option*

☐ Yes (list countries below)

☒ No

4.2 Has your country reached out to Canada, Guyana, French Guiana, Trinidad and Tobago, and/or Suriname to inform these nations about the critical situation of the population and priority actions for the conservation of leatherbacks in the NW Atlantic?

*Please select only one option*

☐ Yes (list countries below)

☒ No

## 5) Exceptions under the Convention

5.1 Implementation and monitoring of exceptions established in the Convention

Describe the progress in the implementation of the exception correspondent to the current year (800 words) according to the current resolutions on exceptions.

»» Mexico has not submitted requests on exceptions established by the Convention.

## Part III - Compliance with IAC Resolutions

### 1) Sea Turtle Species Presence

#### 1.1 Sea Turtle Species Present in the Country

Check the box if the species listed is present in the oceanographic basins of your country as established in Article III of the text of the Convention.

	Atlantic Ocean	Caribbean Sea	Pacific Ocean
<i>Lepidochelys olivacea</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Caretta caretta</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Chelonia mydas</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Eretmochelys imbricata</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Dermochelys coriacea</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Lepidochelys kempii</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### Additional Notes

Include other information, if required

>>>

### 2) IAC Resolutions

#### 2.1 The following resolutions apply to this country

- ☒ Eastern Pacific Leatherback Turtle Resolution
- ☒ Hawksbill Resolution
- ☒ Loggerhead Resolution
- ☒ Northwest Atlantic Leatherback Resolution
- ☒ Fisheries Resolution

## Resolution CIT-COP7-2015-R2 - Eastern Pacific Leatherback Turtle (*Dermochelys coriacea*)

1. Has your country created conservation plans and/or long-term programs that can reverse the critical situation of the leatherback turtle in the Eastern Pacific?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> [Action Plan for Species Conservation \(PACE\): Leatherback Turtle.](#)

Two publications:

-[Rapid Assessments of Leatherback Small-Scale Fishery Bycatch in Internesting Areas in the Eastern Pacific Ocean.](#)  
-[Enhanced, coordinated conservation efforts required to avoid extinction of critically endangered Eastern Pacific leatherback turtles](#)

2. Are you implementing the country EP leatherback conservation plans?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

**Please indicate the period of validity of these plans**

>>> **Permanent**

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> -Captures of the species are permanently banned since March 16, 1994.

- In accordance with the Mexican Official Standards in place, related to the matter (001, 002, 022, 023, 029 and 061)-  
Corresponding inspection and surveillance actions are carried out.

-- Certification and verification of sea turtle excluder devices (TEDs) proper use (TEDs) have been carried out, in port before the fishing season, and offshore during the fishing period of the shrimp trawling fleet.

- There is Inspection and surveillance in nesting sites during the nesting season.

- Mandatory use of turtle excluder devices (TED's) continues following NOM-061- SAG-PESC/SEMARNAT 2016. Technical specifications of TEDs used by the shrimp trawling fleet in federal waters (DOF 13 /12/16), to contribute to the protection of sea turtle populations and reduce their bycatch, include the use of a flat bar grill, which is more efficient in excluding sea turtles. Likewise, the regulations previously indicated in MON 001, 002, 022, 023 and 029 are maintained to reduce bycatch in various fisheries.

3. Have you taken conservation measures to eliminate poaching of leatherback turtles?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> The species capture is permanently banned since March 16, 1994.

4. If your country has leatherback turtle nesting beaches in the Eastern Pacific: Have you taken conservation measures to protect the nests and nesting habitat?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

»» There is Inspection and surveillance in nesting sites during the nesting season

5. Has your country adopted fishing techniques that reduce incidental capture and mortality of this species?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

»» Mandatory use of turtle excluder devices (TED's) continues according to NOM-061-SAG-PESC/SEMARNAT 2016.

Technical specifications of TEDs used by the shrimp trawling fleet in federal jurisdiction (DOF 13 /12/16), to contribute to the protection of sea turtle populations and reduce their bycatch, include the use of a flat bar grill, which is more efficient in excluding sea turtles. Likewise, the regulations previously indicated in MON 001, 002, 022, 023 and 029 are maintained to reduce bycatch in various fisheries.

## Resolution CIT-COP8-2017-R2 - Hawksbill Turtle (*Eretmochelys imbricata*)

1. Is your country strengthening monitoring of the illegal use and trade of hawksbill turtles and their products?

Please select only one option

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Since 1994, Mexico has maintained a permanent policy of total protection of the 6 species of sea turtles (*Dermochelys coriacea*, *Chelonia mydas*, *Lepidochelys olivacea*, *L. kempii*, *Eretmochelys imbricata* and *Caretta caretta*) and their habitat in Mexican seas, shown in a vast legal framework that includes different regulatory instruments starting with the Political Constitution of the Mexican United States as well as Laws, Regulations, the Federal Criminal Code, Official Mexican Standards on environmental and fisheries matters, Decrees, Agreements, Notices and Environmental Protection Programs, since they are categorized as "Priority Marine Species in danger of extinction". (DOF 03/16/94).

2. Is your country enforcing pertinent hawksbill legislation?

Please select only one option

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> To implement inspection and surveillance actions, PROFEPA, and SEMAR, in coordination with CONANP personnel in protected natural areas, and on CONANP's nesting beaches, carry out the corresponding operations to check that environmental laws are enforced.

3. Are activities being carried out in your country to stop the illegal trade of hawksbill products?

Please select only one option

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> There is close surveillance at customs to prevent wild fauna and flora illegal trafficking, including the hawksbill turtle.

### 4. Indicate if your country is strengthening the protection of important nesting and foraging habitats by declaring protected areas and regulating anthropogenic activities that adversely impact these habitats

4a. Protection of nesting habitats

Please select only one option

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Surveillance rounds by the authority during the nesting season.

4b. Protection of feeding habitats

Please select only one option

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

>>> Dumping related regulations are applied.



## Resolution CIT-COP7-2015-R3: Resolution on the Conservation of the Loggerhead Sea Turtle (*Caretta caretta*)

1. Has your country created national action plans and/or monitoring programs to promote loggerhead sea turtle conservation?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Program of Action for the Conservation of Species (PACE) Loggerhead Turtle *Caretta caretta*. Program for the protection of the refuge for the protection of marine species in Bahía de Akumal (ARBA), published on March 7, 2016, derived from the establishment of the refuge Bahía de Akumal (DOF 07 03 2016).

The Program for the Protection of the Refuge in Gulf of Ulloa, Baja California Sur, has been prepared and is under review by the communities.

2. State if there are plans or recovery programs, or bilateral or regional cooperation in your country.

Please select only one option

☐ Yes

☐ No

☒ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>>

3. Are these action plans or monitoring programs being implemented?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Based on the actions proposed in the PACE, CONANP with the support from the subsidy programs Conservation Program for Sustainable Development (PROCOCODES) and the Program for the Protection and Restoration of Ecosystems and Priority Species (PROREST), promotes productive projects, surveillance and community monitoring, restoration, and conservation of species that reverse the threats to loggerhead turtles.

In the Bahía de Akumal Refuge, surveillance and monitoring actions of the populations are the basis of the Mexican Caribbean BR area management program, strengthened by actions to protect females and nests for the release of hatchlings to the marine environment in some nesting beaches of the Mexican Caribbean.

4. Is there protection of the loggerhead turtle at a state or federal level?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Since 1994, Mexico has maintained a permanent policy of total protection of the 6 species of sea turtles (*Dermochelys coriacea*, *Chelonia mydas*, *Lepidochelys olivacea*, *L. kempii*, *Eretmochelys imbricata* and *Caretta caretta*) and their habitat in Mexican seas, shown in a vast legal framework that includes different regulatory instruments starting with the Political Constitution of the Mexican United States as well as Laws, Regulations, the Federal Criminal Code, Official Mexican Standards on environmental and fisheries matters, Decrees, Agreements, Notices and Environmental Protection Programs, since they are categorized as "Priority Marine Species in danger of extinction". (DOF 03/16/94).

5. Has your country taken conservation actions to protect nesting beaches and their associated habitats?

*Please select only one option*

☒ Yes

☐ No

☐ There are no nesting beaches in the country

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

»» Systematic surveillance patrols in beaches during the nesting season.

6. Are there laws on turtle-friendly lighting in areas impacted by coastal development?

*Please select only one option*

☒ Yes

☐ No

☐ There are no nesting beaches in the country

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

»» NOM-162-SEMARNAT-2012, establishes the specifications for the protection, recovery and management of sea turtle populations in their nesting habitat. Published in the D.O.F on February 1, 2013, the use of lights on nesting beaches is specified in the following numbers.

“...5.4.5 Position the types of lighting that are installed near nesting beaches, in such a way that their light is directed downwards and away from the beach, using some of the following measures to mitigate the impact:

a) Directional luminaires or those provided with screens or hoods.

b) Low voltage bulbs (40 watts) or compact fluorescent lamps of equivalent luminosity.

c) Yellow or red light sources, such as low pressure sodium vapor lamps.

6.9.3.4 They may not use lighting sources during the tour, except for the personnel in charge of driving visitors, who may use a lamp, which must be equipped with a red filter or a red colored light source... ” (sic)

Decree declaring the Mexican Caribbean as a Protected Natural Area, biosphere reserve, and its management program; establishes provisions that prohibit placing lighting towards the sea and the beaches, as it alters sea turtles reproductive cycle, as well as their entry or transit; with the exception of maritime signaling determined by the competent authority. Likewise, in the X'cacel-x'cacelito core zone, where there is adjacent coastal development, infrastructure and direct light sources towards nesting beaches are prohibited.

7. Is there long-term (minimum 10 years) standardized data available for population trend studies?

*Please select only one option*

☒ Yes

☐ No

☐ There are no nesting beaches in the country

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

»» On the beaches of Quintana Roo, especially those in the center of the State. Those beaches have been monitored for more than 15 years and are currently managed by the NGO Flora, Fauna and Culture of Mexico.

8. Is there exploitation or direct harvest of loggerhead turtles in your country?

*Please select only one option*

☐ Yes

☒ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

»» The extensive regulatory framework that Mexico has, maintains a permanent ban on the exploitation of sea turtle species that nest, reproduce and feed on Mexican coasts since March 16, 1994, so based on Article 420 of the Federal Criminal Code; “...A penalty of one to nine years in prison and the equivalent of three hundred to three thousand days fine will be imposed on whoever unlawfully: I. Captures, damages or deprives of life any sea turtle or marine mammal specimen, or collects or store its products or by-products in any way...” (sic).

In 2020, derived from the covid 19 emergency that led to an economic crisis, the community surveillance committees from the Mexican Caribbean Biosphere Reserve mentioned an increasing number of people on nesting beaches throughout the state, searching for nests and even specimens, but it was not possible to document it.

## Resolution CIT-COP9-2019-R2 - Northwest Atlantic Leatherback (*Dermochelys coriacea*)

1. Has your country implemented techniques to reduce leatherback bycatch and mortality in fisheries, following the UN-FAO Guidelines to Reduce Sea Turtle Mortality in Fishing Operations?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Mandatory use of turtle excluder devices (TED's) continues according to NOM-061-SAG-PESC/SEMARNAT 2016. Technical specifications of TEDs used by the shrimp trawling fleet in federal jurisdiction (DOF 13 /12/16), to contribute to the protection of sea turtle populations and reduce their bycatch, include the use of a flat bar grill, which is more efficient in excluding sea turtles. Likewise, the regulations previously indicated in MON 001, 002, 022, 023 and 029 are maintained to reduce bycatch in various fisheries.

2. Does your country have fishery observer programs that comply with the minimum standards for scientific observer coverage that have been established by pertinent Regional Fishery Management Organizations?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> There are observers on board the shark fishery (bycatch). Currently there is an Observers Onboard or Technical Assistants Onboard the Artisanal Fleet in Baja California Sur western coast, which covers 50% of fishing operations, specifically on vessels with a fishing permit for finfish and shark species.

3. Has your country implemented laws and regulations related to Northwest Atlantic leatherback conservation, particularly related to fisheries bycatch and marine protected areas?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Sea Turtle laws and regulations in Mexico are for national application, therefore these are the same laws mentioned for the Pacific coast, the Gulf of Mexico and the Mexican Caribbean Sea.

4. Has your country implemented conservation measures for the protection of the NWA leatherback nesting beaches and associated habitats?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ No nesting beaches in the country

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Leatherback nesting in the Mexico's western Atlantic is scarce and infrequent. They do not exceed 10 nestlings per season, from Tamaulipas to Quintana Roo. However, when a leatherback comes out on a beach that is protected due to the occurrence of other species, conservation rules also apply to the leatherback.

5. Does your country have a monitoring and tagging program at the NWA leatherback nesting beaches?

*Please select only one option*

- ☒ Yes  
☐ No  
☐ No nesting beaches in the country

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

»». given the little nesting, females are not tagged

6. Is your country collecting data on interactions of the NWA leatherback with fishing fleets? If YES, please report data of interactions of the species with industrial longline vessels in Part VI of this report.

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Information reported in Part VI of the report

## Resolution CIT-COP3-2006-R2 – Reduce impacts of fisheries on sea turtles

Relating to if your country has adopted the 'Guidelines to Reduce Sea Turtle Mortality induced by fisheries operations', of the United Nations Food and Agriculture Organization (FAO) including:

### A. Research and monitoring of the adverse impact of fisheries on sea turtles

1. Does your country collect information by fishery?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Mainly in shrimp, tuna and shark fisheries.

2. Does your country have observer programs?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> There are observers on board the shark fishery (bycatch). Currently there is an Observers Onboard or Technical Assistants Onboard the Artisanal Fleet in Baja California Sur western coast, which covers 50% of fishing operations, specifically on vessels with a fishing permit for finfish and shark species.

3. Does your country do research on sea turtle/fishery interactions?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Mainly in the shrimp and shark fishery. From 2014 to 2018, evaluations sea turtle mortality causes were carried out in the region of Gulf of Ulloa. After three years of implementation of Fisheries Management actions, through Onboard Observer Programs and Video Recording Systems, it was documented and verified that fishing is not the cause of sea turtle mortality recorded on the Western Coast of B.C.S.

4. Does your country have information on non-Party vessels and interactions with sea turtles?

*Please select only one option*

☐ Yes

☒ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> We do not have information

5. Does your country cooperate with non-party states to obtain information on interactions with sea turtles?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

>>> Information exchange

## B. Mitigation measures

6. Does your country implement mitigation measures in long-line fisheries?

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Described in NOM-029-PESC-2006, sharks and rays responsible fishing compels the use of circle hooks in certain areas and depths.

The Agreement that establishes the fishing refuge area and new measures to reduce potential interactions of fisheries with sea turtles on the western coast of Baja California Sur, declares an area where the use of gill nets, long lines or longlines and traps is prohibited; measures for the release incidentally captured specimens; a yellow turtle mortality limit (90 individuals) after which commercial fishing will be suspended, and only allows trawlers using sea turtle and fish excluder devices.

Fishing may not be carried out with these fishing gear to catch sharks and rays, in a marine strip five kilometers wide in front of the main sea turtle nesting beaches, during the nesting seasons.

7. Does your country implement mitigation measures in gillnets fisheries?

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Production of a guide to release sea turtles that have interacted with fishing gear.

The Agreement that establishes the fishing refuge area and new measures to reduce potential interactions of fisheries with sea turtles on the western coast of Baja California Sur, declares an area where the use of gill nets, long lines or longlines and traps is prohibited; measures for the release incidentally captured specimens; a yellow turtle mortality limit (90 individuals) after which commercial fishing will be suspended, and only allows trawlers using sea turtle and fish excluder devices.

Fishing may not be carried out with these fishing gear to catch sharks and rays, in a marine strip five kilometers wide in front of the main sea turtle nesting beaches, during the nesting seasons.

[SEA TURTLE GUIDE](#)- Guide to handle sea turtles that interacted with fishing gear

8. Does your country implement mitigation measures in trawl fisheries (e.g. TEDs)?

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

TEDs: specify legally approved TEDs, their dimensions, material, and target species for that fishery, 2. time-area closures: specify a geographical area, time of closure and target species for that fishery, 3. tow times and/or 4. other measures; or attach any relevant documents

>>> NOM-002-SAG/PESC-2013 specifies that the use of TEDs is mandatory for shrimp trawling, this regulation is complemented with NOM-061-SAG-PESC/SEMARNAT-2016, Technical specifications of sea turtle excluders used by the shrimp trawling fleet in waters under the federal jurisdiction of the Mexican United States (DOF 12/13/16).

[NOM-061-SAG-PESC-SEMARNATE-2016.pdf](#) - NOM-061-SAG-PESC-SEMARNAT-2016

[NOM-002-SAG-PESC-2013.pdf](#) - NOM-002-SAG/PESC-2013

9. Does your country implement mitigation measure in other fishing gears?

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

If yes, please indicate which fishing gears

>>> The Agreement that establishes the fishing refuge zone and new measures to reduce potential interaction of fishing with sea turtles on the western coast of Baja California Sur, prohibits large temporary fixed traps, called "almadrabas" which cannot be used under any circumstances.

[AGREEMENT-DOF-23-JUNE-2016.](#)

10. List the fisher training programs about best practices for safe handling and release of incidentally-caught sea turtles carried out by your country during the last year

>>> In accordance with NOM-001-SAG/PESC-2013 for purse-seine tuna and NOM-002-SAG/PESC-2013 for shrimp, in both cases as bycatch.

Since 2010, each year CONAPESCA operates a Comprehensive Training and Technical Assistance Program called the Emerging Training Program on the efficient use of Turtle Excluder Devices (TEDs).

[NOM-002-SAG-PESC-2013](#)

[NOM-001-SAG-PESC-2013](#)

### **C. Socio-economic considerations**

11. Does your country support socio-economic activities that help mitigate adverse impacts of fisheries on sea turtles?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>> Economic support and temporary employment during periods of closure of sharks and shrimp fisheries.

## Part IV – Research Information

Indicate threats (Coastal development, incidental capture, direct use, contamination, pathogens, and climate change) by species

### 1) Threats

#### 1.1 Indicate threats

Indicate threats (**Coastal development, incidental capture, direct use, contamination, pathogens, and climate change**) by species

Lo = *Lepidochelys olivacea*

Lk = *Lepidochelys kempii*

Dc = *Dermochelys coriacea*

Ei = *Eretmochelys imbricate*

Cc = *Caretta caretta*

Cm = *Chelonia mydas*.

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
Contamination	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pathogens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Climate Change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Incidental Capture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Direct Use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coastal development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### 2) Indicate the mitigation actions that apply for each species

#### 2.1 Habitat loss mitigation actions (i.e. coastal development, pollution, climate change)

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
Predator's removal/control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Beach Cleanups	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Permits required for recreational activities near nesting sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permits required for scientific research on feeding/nesting grounds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Permits required for construction near nesting sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lighting regulations in place	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Use of sea turtle friendly lighting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Establishment of Marine Protected Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

You have attached the following documents to this answer.

[Part IV Annex 2.1 Habitat loss mitigation](#) – Actions against habitat loss



## 2.2. Bycatch mitigation actions (i.e. Incidental Capture)

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
Time/space closures	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sea Turtle Excluder Devices (TED)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nets illumination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trawling is banned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nets are banned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of circle hooks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Observers program	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fishers trained on sea turtle safe handling and release	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marking of fishing gear in commercial vessels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vessel monitoring using VMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Research on new fishing gear technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 2.2 Direct use mitigation actions

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exception management plan (if applies)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permits required for scientific research	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Livelihood alternatives for local communities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seizure of sea turtle products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental education for local communities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Poaching regulations in place	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Satellite Tracking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flipper Tagging	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Day Patrols	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Night Patrols	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nests relocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 3) Research

#### 3.1 Types of research

Please fill out the following table on the types of research being carried out in the country related to each species.

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
Disease	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fisheries interactions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Habitat monitoring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Genetics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Migration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tagging	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### 3.2 Describe scientific research

In addition to the above, please describe scientific research that is being carried out in the country relating to sea turtle population assessments including tagging, migration, and genetic studies, as well as those relating to conservation issues including habitat monitoring, fisheries interactions, disease, etc.

To report each project, please use the following structure:

- 1) Name of the project
- 2) Objective
- 3) E-mail of the organization/responsible
- 4) Summary (5 lines)
- 5) Annex Number (Use the blue buttons to attach photos and/or the full report, if available)

Describe the file with the same Annex number referenced in the text.

>>> During 2020, CONANP participated in a research project on leatherback turtle interaction in artisanal fisheries in the Mexican Pacific, through interviews with fishermen in fishing ports. The interviews were standardized for rapid assessments, in conjunction with several Latin American countries. Citation: Ortiz-Alvarez C, Pajuelo M, Grados D, Abrego ME, Rebeca Barragán-Rocha A, Barrantes M, Cotto Sánchez A, Fonseca LG, Gadea Espinal V, Mangel JC, Rguez-Baron JM, Santidrian-Tomillo P, Sarti L, Santana-Hernández H, Shillinger G, Prado M, Wallace B, Williard AS, ZavalaNorzagaray AA and Alfaro-Shigueto J (2020) Rapid Assessments of Leatherback Small-Scale Fishery Bycatch in Internesting Areas in the Eastern Pacific Ocean. Front. Mar. Sci. 6:813. doi: 10.3389/fmars.2019.00813. The publication is attached.

Likewise, there was a viability analysis of the eastern Pacific leatherback turtle in conjunction with the Red Laúd OPO. The quote: Enhanced, coordinated conservation efforts required to avoid extinction of critically endangered Eastern Pacific leatherback turtles. Scientific Reports | (2020) 10:4772 | <https://doi.org/10.1038/s41598-020-60581-7>

You have attached the following documents to this answer.

[Annex Part IV 3.2 Leatherback Paper 2020-1.pdf](#) - Leatherback turtle article

#### 4) Other activities

In the case of projects, please include the name of the project, organizations involved, a five lines summary, current status, and contact person.

##### 4.1 Other activities

Include a 500 words summary of information on environmental education activities, programs to establish and manage protected areas, and cooperative activities with other Party countries.

Please attach any other relevant documents using the blue boxes below.

>>> The National Program for the Conservation of Sea Turtles coordinates population trends monitoring on index beaches of the species that nest in the country. Likewise, it coordinates with academic institutions and NGOs to agree on research priorities according to the strategies established in the PACE.

From CONANP, Mexico collaborates with the LaúdOPO Network actions of the recovery strategy. People who carry out actions for the recovery and conservation of the leatherback turtle of the Eastern Pacific Ocean in various countries of the region forms this network: Nicaragua, Panama, Costa Rica, Peru, Chile and Mexico.

In 2020, CONANP, via whatsapp, advised the incubation of leatherback clutches for the production of hatchlings to colleagues from the Ministry of the Environment in Ecuador, given the recent leatherback nesting on the continental beaches of this part of the country. The first assisted clutch was successful and hatchlings were released into the marine environment. The other clutches did not have the same fate, due to the poor incubation environment in which they were left, and the relocation complications related to inaccessibility to the sites where the turtles nested. Others are still in the incubation process.

## Part V – Nesting Information

### Index nesting sites or beaches for sea turtle conservation

Use the following drop down menu to select the index sites which you would like to report information for the latest season corresponding to the year of this report

#### Index Nesting Sites

Attach here other files relevant to this section, if required

Please describe the content of the attachment in the box below and use the blue button to attach the file.

>>>

### Mexico Rancho Nuevo; Tamps

Mexico Rancho Nuevo; Tamps: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 “Selecting Index Beaches in the IAC Region and Data Collection Guidelines”.

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

#### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

#### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 23.33277778

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 97.7702778

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☒ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> Satellite telemetry has been occasional as part of research projects by both national and international researchers. As soon as links to the scientific articles resulting from the telemetry become available, we will share them with you. The list of marks applied is in the annual databases, and are held by CONANP and the GPZ.

## Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

## Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

## Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Natural Protected Areas National Commission (jointly with Rancho San José A.C)

## Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 30

## Annual Nesting – Rancho Nuevo, Tamps

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

**Please scroll to the right** to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>	March	March	October			15, 210	15, 210	October

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Barra del Tordo; Tamps

Barra del Tordo; Tamps: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 23.02452778

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 97.8636639

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> The same information provided for Rancho Nuevo applies

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP con la colaboración de Rancho San José A.C

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 42

## Annual Nesting - Barra del Tordo; Tamps

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>	March	March	October	Daily		2,055	2,055	October

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Altamira; Tamps

Altamira; Tamps: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 22.52050556

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 97.8593056

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> The same information provided for Rancho Nuevo applies.

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP (in collaboration with Rancho San José A.C.)

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 18

## Annual Nesting - Altamira; Tamps

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>	March	March	October	Daily		815	815	October

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>



## Miramar; Tamps

Miramar; Tamps: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 22.28077778

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 97.7978583

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> The same information provided for Rancho Nuevo applies.

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP en colaboración con Rancho San José A.C

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 10

## Annual Nesting - Miramar; Tamps

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>	March	March	October	Daily		891	891	October

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Isla Aguada

Isla Aguada: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 18.78305556

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 91.4972222

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> It is intended to tag all nesting females. Tags availability will depend on the funds available to purchase them.

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 26

## Annual Nesting - Isla Aguada

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	April	April	October	Daily		3, 976	3, 976	October
<i>Cc</i>								
<i>Ei</i>	April	April	October	Daily		245	245	October
<i>Dc</i>								
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Las Coloradas/Rio Lagartos; Yuc

Las Coloradas/Rio Lagartos; Yuc: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 21.61111111

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 88.1666667

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> It is intended to tag most hawksbill turtles

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP (with the collaboration of PRONATURA YUC)

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 40

### Annual Nesting - Las Coloradas/Rio Lagartos; Yuc

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	April	April	October			4, 085	4, 085	October
<i>Cc</i>								
<i>Ei</i>	April	April	October			616	616	October
<i>Dc</i>								
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## **Xcabel; Chemuyil; Xel Ha; Aventuras DIF (Previously Puerto Aventuras); Quintana Roo**

Xcabel; Chemuyil; Xel Ha; Aventuras DIF (Previously Puerto Aventuras); Quintana Roo: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### **Guidelines for selecting index beaches/sites in the IAC Region**

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### **Index Nesting Site Information**

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 20.374722

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -87.3233

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☐ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> It is intended to tag all loggerheads

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Sea Turtle Conservation Program Riviera Maya Tulum, from Flora, Fauna and Culture of Mexico, A.C.

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 2.5

## Annual Nesting - Xcacel; Chemuyil; Xel Ha; Aventuras DIF (Previously Puerto Aventuras); Quintana Roo

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	May	May	October	Daily		3,348	3,348	October
<i>Cc</i>	April	April	November	Daily		418	418	September
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>



## El Verde; Sin

El Verde; Sin: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 18.75416667

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 106.484444

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>>

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 20

### Annual Nesting - El Verde; Sin

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	June	June	May	Daily		1, 694	1, 694	May
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Tierra Colorada; Gro

Tierra Colorada; Gro: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 16.50083333

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 98.7277778

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☒ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> *Dermochelys coriacea* only. Various types of satellite transmitters have been placed to learn migratory routes and inter-nesting movements.

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☒ Yes

☐ No

## Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>> Tissue samples have been collected from female and young leatherbacks for adult male ratio studies.

### Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP (in collaboration with Kutzari)

### Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 12

## Annual Nesting - Tierra Colorada; Gro

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	June	June	May	Daily		785	785	May
<i>Cm</i>	October	October	May	Daily		8	8	May
<i>Cc</i>								
<i>Ei</i>	October	October	May	Daily		175	175	May
<i>Dc</i>								
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Cahuitan; Oax

Cahuitan; Oax: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 16.31166667

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 98.5351111

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☒ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> Only Dermochelys coriacea. Some satellite transmitters have been placed to know migratory routes and interesting movements.

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☒ Yes

☐ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>> Tissue samples have been collected from female and young leatherbacks for male ratio analysis.

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP in collaboration with Kutzar

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 10

## Annual Nesting - Cahuitan; Oax

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	June	June	May	Daily		1, 071	1, 071	May
<i>Cm</i>	October	October	May	Daily		31	31	May
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>	October	October	May	Daily		141	141	May
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Escobilla; Oax

Escobilla; Oax: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 15.72638889

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 96.7627778

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☐ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> *Dermochelys coriacea* only

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 15

### Annual Nesting - Escobilla; Oax

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	June	June	May	Daily		1,145,791	1,145,791	May
<i>Cm</i>	June	June	May	Daily		7	7	May
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>	October	October	May	Daily		18	18	May
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>



## Barra de la Cruz; Oax

Barra de la Cruz; Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 15.8166667

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 95.9666667

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☒ FT

☒ ST

☒ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>> Leatherback turtle only. Some satellite transmitters have been placed to learn about migratory routes and inter-nesting movements.

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☒ Yes

☐ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>> Samples of skin tissue from hatchlings and females have been collected for studies on the adult male's ratio during the season.

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP (en colaboración con Kutzari)

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 8.5

### Annual Nesting - Barra de la Cruz; Oax

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	June	June	May	Daily		353	353	May
<i>Cm</i>	October	October	May	Daily		7	7	May
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>	October	October	May	Daily		141	141	May
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Lechuguillas

Lechuguillas: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 18.78305556

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 91.4972222

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☐ Yes

☒ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☐ FT

☐ ST

☐ PIT

☒ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>>

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☐ Yes

☒ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> CONANP

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 26

## Annual Nesting - Lechuguillas

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	May	May	December	Daily		10,665	10,665	December
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>	March	March	November	Daily		81	81	November

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Colola; Mich

Colola; Mich: Criteria for selection of this index beach/site

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Guidelines for selecting index beaches/sites in the IAC Region

- ☒ This is a site where one of the species found in the country nests at any significant level.
- ☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☒ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

### Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>> 18.25833333

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -103.35

Declared Protected Area

Indicate if the area is declared as some type of protected area

*Please select only one option*

☒ Yes

☐ No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.

☐ FT

☐ ST

☐ PIT

☒ None

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>>

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

*Please select only one option*

☒ Yes

☐ No

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Universidad Michoacana de San Nicolás de Hidalgo

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>> 4.8

## Annual Nesting - Lechuguillas

This table is intended to report information per species at the index nesting site.

**Nesting season:** Indicate the starting and finishing date of the nesting season.

**Monitoring period:** Indicate the starting and finishing date of monitoring efforts.

**Survey frequency:** Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

**Season females/ nests/ clutch count:** Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

Please scroll to the right to see all questions >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	August	August	April	Daily	11,855	35,566	35,566	April
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

>>>

## Part VI – Fisheries Information

If your country does not have data available to fill out the information on longline fisheries, please contact the IAC Secretariat [secretario@iacseaturtle.org](mailto:secretario@iacseaturtle.org)

### Longline Fisheries (Vessels >20m)

Does your country have industrial longline fisheries with vessels over 20m?

*Please select only one option*

☒ Yes

☐ No

### Instructions

Please complete the information according to the type of set. **Shallow sets** correspond to sets with **<15 Hooks per Basket or Hooks between Floats or hooks with <100 m depth**. **Deep sets** correspond to sets with **≥15 Hooks per Basket or Hooks between Floats or hooks with ≥100m depth**.

### Fleet Information (vessels > 20m)

**a. Period covered:** Starting and end date of the fishing operations of the year

**b. Area fished:** Indicate the area coordinates where shallow set and deep sets fishing operations were carried out during the last year.

**c. No. of vessels that fished:** Indicate the total number of vessels in the fleet in each case (deep set and shallow set), the number of vessels with observers on board, and the corresponding percentage of vessels with observers (% observed)

**d. No. of trips:** Indicate the total number of trips in each case (deep set and shallow set), the number of trips with observers on board, and the corresponding percentage of trips with observers onboard (% observed)

**e. No. of effective fishing days:** Indicate the total number of fishing days in each case (deep set and shallow set) when fishing took place, the number of fishing days with observers on board, and the corresponding percentage of fishing days with observers onboard (% observed)

**f. No. of sets:** Indicate the total annual number of sets in each case (deep set and shallow set), the annual number of sets with observers on board, and the corresponding annual percentage of sets with observers onboard (% observed)

**g. No. of hooks (in thousands):** Indicate the total annual number of hooks in each case (deep set and shallow set), the annual number of hooks with observers on board, and the corresponding annual percentage of hooks with observers onboard (% observed). If the number of hooks is unknown, then include the approximate number of hooks/set instead and note this alternative reporting using an asterisk (\*)

**h. Predominant hook type/size:** Using the IATTC codes indicate the most common hooks (> 50%) used throughout the year as a total, and in vessels with onboard observers in each case (deep sets and shallow sets). If your Country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-**Offset:** Yes or No

**i. Predominant bait type:** Indicate the most common bait used throughout the year as a total, and in vessels with observers in each case (deep sets and shallow sets) using the following bait codes: SQ – squid (e.g. Cephalopods), M – mackerel (e.g. Scomber spp.), A – artificial lure (e.g. plastic jig), O-other, and specify.

## Sea Turtles Species (Units expressed in the number of individuals observed)

**j. Released alive:** Total number of each sea turtle species released alive in each case (shallow and deep sets)

**k. Released dead:** Total number of individuals of each sea turtle species released dead in each case (shallow and deep sets)

**l. Released condition unknown:** Total number of each sea turtle species released under unknown conditions as the individual could not be brought onboard or close enough to verify the condition dead or alive.

**m. Notes:** Include additional information such as turtles caught that had tags (flipper tags or satellite transmitter), in each case (shallow and deep sets), if applicable.

## Mexico

### Caribbean

#### 1. Target Species

##### 1. Target Species

Indicate the target species (common and scientific name) of the longline fisheries during the last year. Indicate with an **X** if the catch was using shallow or deep sets.

Scientific name	Deep sets	Shallow sets	Common name
<i>Thunnus albacares</i>		X	Atún Aleta Amarilla

#### 2. Shallow Sets (<15 HPB/HBF or <100m max hook depth)

##### 2.1 Period Covered & Area Fished

Please enter information in the following formats:

**Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy

**Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Shallow sets
Period Covered	01/01/2020- 12/31/2020
Area Fished	From 089°W to 097°W and from 018°N to 026°N

##### 2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

#### Codes

IATTC Hook codes (<https://www.iatcc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf>) Bait

codes: SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

– artificial lure (e.g. plastic jig) O-

other, and specify.



	Total Fleet	Observed	% Observed
No. of vessels that fished	23	23	100%
Predominant bait type	O (Ojón)	O (Ojón)	O (Ojón)
Predominant hook type/size	C-06	C-06	100%
No. of hooks (in thousands)	1'442.879	1'442.879	100%
Number of sets	2,687	2,687	100%
No. of effective fishing days	5,390	5,390	100%
No. of trips	238	238	100%

#### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-**Offset:** Yes or No

>>> Eagle Claw 2048 16/0 non-offset

#### 2.3a Sea Turtle Species – Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

	Released Alive	Released Dead	Released Condition Unknown
<i>Lepidochelys olivacea</i>			4
<i>Lepidochelys kempii</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Chelonia mydas</i>			
<i>Caretta caretta</i>			

#### 2.3b Notes (e.g. Tagged turtles, etc.)

>>>

### 3. Deep Sets (≥15 HPB/HBF or ≥100m max hook depth)

#### 3.1 Period Covered & Area Fished

Please enter information in the following formats:

**Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy

**Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Deep sets
Period Covered	
Area Fished	

#### 3.2 Fleet Information – Deep Sets

Please read the instructions before filling out this form

##### Codes

IATTC Hook codes (<https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf>) Bait

codes:

SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

– artificial lure (e.g. plastic jig) O-

other, and specify.

	Total Fleet	Observed	% Observed
No. of vessels that fished			
Predominant bait type			
Predominant hook type/size			
No. of hooks (in thousands)			
Number of sets			
No. of effective fishing days			
No. of trips			

##### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-**Offset:** Yes or No

>>> Eagle Claw 2048 16/0 non-offset

#### 3.3 a Sea Turtle Species – Deep sets

Please read the instructions before filling out this form

	Released Alive	Released Dead	Released Condition Unknown
<i>Lepidochelys olivacea</i>			
<i>Lepidochelys kempii</i>			
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Chelonia mydas</i>			
<i>Caretta caretta</i>			

### 3.3b Notes (e.g. Tagged turtles, etc.)

>>>

## Mexico - Pacific

### 1. Target Species

#### 4. Target Species

Indicate the target species (common and scientific name) of the longline fisheries during the last year. Indicate with an **X** if the catch was using shallow or deep sets.

Scientific name	Deep sets	Shallow sets	Common name
<i>Alopias pelagicus</i>		X	Tiburón Zorro pelágico
<i>Alopias superciliosus</i>		X	Tiburón grillo
<i>Alopias vulpinus</i>		X	Tiburón zorro común
<i>Carcharhinus falciformis</i>		X	Tiburón sedoso
<i>Galeocerdo cuvier</i>		X	Tiburón tigre
<i>Isurus oxyrinchus</i>		X	Tiburón mako
<i>Prionace glauca</i>		X	Tiburón azul
<i>Sphyrna lewini</i>		X	Cornuda barrosa

### 5. Shallow Sets (<15 HPB/HBF or <100m max hook depth)

#### 5.1 Period Covered & Area Fished

Please enter information in the following formats:

**Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy

**Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Shallow sets
Period Covered	01/01/2020 - 12/31/2020
Area Fished	From 106°W to 116°W and from 021°N to 031°N

#### 2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

#### Codes

IATTC Hook codes (<https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf>) Bait

codes: SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

– artificial lure (e.g. plastic jig) O-

other, and specify.

	Total Fleet	Observed	% Observed
No. of vessels that fished	3	30	10%
Predominant bait type	M	M- O (LISA)	
Predominant hook type/size	J-20	J-20	

No. of hooks (in thousands)	137,669	997 anz/lance	
Number of sets	138	2,288	
No. of effective fishing days	193	3,128	6%
No. of trips	10	176	5.7%

#### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-**Offset:** Yes or No

>>> Eagle Claw 2048 16/0 non-offset

#### 2.3a Sea Turtle Species – Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

	Released Alive	Released Dead	Released Condition Unknown
<i>Lepidochelys olivacea</i>	0	0	0
<i>Lepidochelys kempii</i>	0	0	0
<i>Dermochelys coriacea</i>	0	0	0
<i>Eretmochelys imbricata</i>	0	0	0
<i>Chelonia mydas</i>	0	0	0
<i>Caretta caretta</i>	0	0	0

#### 2.3b Notes (e.g. Tagged turtles, etc.)

>>>

## 6. Deep Sets (≥15 HPB/HBF or ≥100m max hook depth)

### 6.1 Period Covered & Area Fished

Please enter information in the following formats:

**Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy

**Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Deep sets
Period Covered	
Area Fished	

### 6.2 Fleet Information – Deep Sets

#### 6.3 Please read the instructions before filling out this form

#### Codes

IATTC Hook codes (<https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf>) Bait

codes:

SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

– artificial lure (e.g. plastic jig) O-

other, and specify.

	Total Fleet	Observed	% Observed
No. of vessels that fished			
Predominant bait type			
Predominant hook type/size			
No. of hooks (in thousands)			
Number of sets			
No. of effective fishing days			
No. of trips			

#### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-**Offset:** Yes or No

>>> Eagle Claw 2048 16/0 non-offset

### 6.4 a Sea Turtle Species – Deep sets

Please read the instructions before filling out this form

	Released Alive	Released Dead	Released Condition Unknown
<i>Lepidochelys olivacea</i>			
<i>Lepidochelys kempii</i>			
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Chelonia mydas</i>			
<i>Caretta caretta</i>			

3.3b Notes (e.g. Tagged turtles, etc.)

>>>

### **Thank you!**

Thank you, you have completed the IAC Online Report questionnaire.

We are very appreciative of the time you have taken to answer all of the questions. The PDF of this document will be published on the Annual Reports section of the IAC

website <http://www.iacseaturtle.org/informes-eng.htm>