



Australian Government

Department of the Environment and Water Resources

Supplementary Form C —

- Threatened species & Ecological Communities
- Migratory species
- Listed marine species

(use Form A for Cetaceans)

Use this supplementary form if you are applying for a permit to kill, injure, take, trade, keep or move a listed species or ecological community, a listed migratory species, or a listed marine species in a Commonwealth Area. You will also need to complete "The General Permit Application Form".

If you are proposing to take or send specimens out of Australia it is likely that you will also need an export permit. Import permits may also be necessary for taking specimens into an overseas country. For more information on imports and exports contact the Wildlife Trade Assessments Section on 02 6274 2880.

Please note that it is a requirement under subsection 200(3) of the Environment Protection and Biodiversity Conservation Act 1999 that details of this application (which may include the applicant's name) be provided to persons or bodies registered with the Department of the Environment and Water Resources under section 266A of the Act, and to whom notice of applications is to be given, for the purpose of inviting submissions from those persons or bodies regarding permit applications.

1 Under which section(s) of the EPBC Act are you applying for this permit?

It will help you complete your application if you know which list in the EPBC Act the affected species/ecological community appears on. Search the lists at: www.environment.gov.au/cgi-bin/sprat/public/sprat.pl

Please note some species appear on more than one list. For example the Green Turtle *Chelonia mydas* is a listed threatened species, a listed migratory species, and a listed marine species.

Select all that apply

Section 201 — Listed threatened species and ecological communities

Section 216 — Listed migratory species

Section 258 — Listed marine species

2 On the next page list details of species or ecological communities that will be affected by the action. Use the following codes to enter details in columns 3, 4 and 5.

Column 3 Conservation status of threatened species or ecological communities under EPBC Act

- EW Extinct in the wild
- EX Extinct
- CE Critically endangered
- EN Endangered
- VU Vulnerable
- CD Conservation dependent

Column 5 Type of effect

- DE Death
- IN Injury
- TR Trading
- TA Taking
- KE Keeping
- MO Moving

Details of species or ecological communities that will be affected by the action.

Common name of listed species/ecological communities, listed migratory species, or listed marine species.	Scientific name of species Common and scientific names are available at the Department's website: www.environment.gov.au/cgi-bin/sprat/public/sprat.pl	Conservation status under EPBC Act	Estimated number that will be affected. For ecological communities, provide estimate of the affected area	Type of effect
Brown Booby	<i>Sula leucogaster</i>	N/A	300 Individuals	MO
Red-footed Booby	<i>Sula sula</i>	N/A	300 Individuals	MO
Common Noddy	<i>Anous stolidus</i>	N/A	300 Individuals	MO
Greater Frigatebird	<i>Fregata minor</i>	N/A	300 Individuals	MO
Lesser Frigatebird	<i>Fregata ariel</i>	N/A	300 Individuals	MO
White-tailed Tropicbird	<i>Phaethon lepturus</i>	N/A	300 Individuals	MO

Where the project is of less than 1 km² in size, provide the location as a single pair of latitude and longitude references. Latitude and longitude references should be used instead of AMG and/or digital coordinates.

Locality: Christmas Island, Indian Ocean

Latitude: 10 degrees: 29 minute: 00 seconds:

Longitude 105 degrees: 37 minutes 00 seconds:

:

Where the project area is greater than 1 km², or any dimension is greater than 1 km, provide additional coordinates to enable accurate identification of the location of the project area.

Projects will take place all over Christmas Island.

Attach a map to show the boundaries of the area in which the action will be conducted.

3 Provide an attachment describing the action addressing the following points.

- A. The objectives and purposes of the action;
- B. The equipment and methods used;

4 What are the likely short and long term impacts of the proposed action on the species or the ecological community?

There will be some temporary disruption to normal daily activity when birds are captured. No long term impacts are anticipated. Birds are not held longer than 1 hour for processing. Bird banding has been used worldwide for over 100 years and is widely accepted as the most efficient, cost effective and least harmful technique to study birds and their life histories.

5 Describe the steps that will be taken to minimise impacts on the listed species/ecological community, including contingency plans in the case of events that may adversely affect members of the species/ecological community.

No attempts of capture or handling during adverse conditions (e.g. high temperature or wind).

No repeat tracking of the same individuals (ie once tracked via satellite, the same individual will not be targeted again during the study).

Banding is employed for several reasons, which include to check for transmitter loss and to monitor any longer term adverse responses once transmitter has been removed.

Any birds that show signs of stress will be released immediately without banding/markings taking place as per normal banding protocols. Birds showing serious signs of an adverse reaction will be taken in veterinarian care.

- 6 Attach a description of any research relevant to the affected species or communities that will be carried out in the course of or in conjunction with the proposed action, including:
- A. a copy of the research proposal;
 - B. the names of the researchers and institutions involved in or supporting the research; and
 - C. relationship of the researchers to the permit applicant, including any funding being provided by the permit applicant.

7 Will the action involve invasive techniques?

No **Go to next question**

Yes If permit relates to mammals, birds, reptiles or amphibians, attach evidence that the proposed methods have been approved by an independent Animal Ethics Committee (this may include a State or Territory ethics committee, even if the action is conducted in a Commonwealth area).

A permit can only be issued under one of the following criteria: the action

- *will contribute significantly to the conservation of a listed species/ecological community (go to Question 8); or*
- *will be incidental to, and not the purpose of the action (go to Question 12); or*
- *is of particular significance to indigenous tradition (go to Question 15); or*
- *is necessary to control pathogen(s) (go to Question 18).*

8 Are you applying on the basis that the action will contribute significantly to the conservation of a listed species/ecological community?

No Go to 12

Yes Go to next question

9 Why do you believe that the action will contribute significantly to the conservation of listed species/ecological communities, listed migratory species or listed marine species?

Basic biological information on these species is lacking (e.g. fecundity, survival, movements). These data are critical to develop and implement any conservation measures. Without these data, we simply do not know what may contribute the species decline so therefore cannot take action to remedy.

10 Will the proposed action implement the recommendations of any recovery plan or wildlife conservation plan in force for the species or ecological community that may be affected by the action?

Commonwealth recovery plans that are in force are available at

www.environment.gov.au/biodiversity/threatened/recovery/list-common.html

Commonwealth wildlife conservation plans that are in force are available at

www.environment.gov.au/biodiversity/migratory/waterbirds/shorebird-plan/plan.html

State and territory recovery plans are available from state and territory environmental agencies.

No Go to next question

Yes Describe how this will be implemented.

There are no recovery plans for these species.

11 Will the proposed action respond directly or indirectly to recommendations of any national or international organisation responsible for management of the affected species?

No Go to next question

Yes Describe how the proposed action will respond.

N/A

12 Are you applying on the basis that the impact of the action will be incidental to, and not the purpose of, the action?

No Go to 15

Yes Go to next question

13 Why do you believe that the impact of the action will be incidental to and not the purpose of the action?

The impact of the action is negligible, as the birds are caught using standard techniques that have been used for over 100 years. The birds are held for the minimum time possible and released at the point of capture unharmed. The purpose of the action is collection of biological data, and the impact of the action is that the birds are disrupted in their daily routine for a short time. No long term impacts are anticipated.

14 Why do you believe that the taking of the action will not adversely affect the:

- survival or recovery in nature of the species or ecological community?
- conservation status of a listed species or ecological community?

As the birds are held for the minimum time possible (1 hour max), their survival is not effected, and the collection of basic biological data on these species will aid the recovery of them.

Temporary handling and placing a mark on a bird does not effect survival, recovery or the conservation status of any species of bird.

The techniques to be used have been utilised worldwide for over 100 years and are accepted as safe and harmless.

Only a small sample of the total population will be targeted, so most of the population will not be affected in any way by the proposed research.

15 Are you applying on the basis that the action is of particular significance to indigenous tradition?

No **Go to 18**

Yes **Go to next question**

16 Explain why do you believe that the proposed action will be of particular significance to indigenous tradition?

N/A

17 Why do you believe that the proposed action will not adversely affect the:

- survival or recovery in nature of the listed species or ecological community; or
- conservation status of the listed species or ecological community.

N/A

18 Are you applying on the basis that the action is necessary to control a pathogen(s), and is conducted in a way that will, as far as is practicable, keep to a minimum any impact on listed species/ecological communities, listed migratory species or listed marine species?

No **Continue to Payment Section**

Yes **Go to next question**

19 Why do you believe that the action is necessary for the control of pathogen(s)?

N/A

20 Explain how the action will be conducted in a way to minimise impacts on the species/communities affected.

N/A

If you have answered NO to Questions 8, 12, 15 and 18, it is unlikely that a permit can be issued under the EPBC Act.

21 Fees

The following fees apply:

- permits relating to listed threatened species or ecological communities - \$100
- permits relating to listed migratory species - nil
- permits relating to listed marine species – nil

Please note that exemption from fee payment may apply under circumstances as set out in EPBC Regulation 18.04.

22 Are you paying by credit card

No Go to 23

Yes Complete the following details

Card: Visa Bankcard MasterCard

Card number

Four empty boxes for card number digits

Expiry date (month/year)

Empty box for expiry date

Card holder's name as shown on card

Empty box for card holder's name

Amount

Empty box for amount

Cardholder's signature

Empty box for cardholder's signature

23 Attachments

Indicate below which documents are attached.

Description of proposed action

See question 3

Description of relevant research

See question 6

Evidence of approval of invasive techniques

See question 7

Cheque for payment of fee

See question 21

24 Declaration

I declare that the information contained in this supplementary form is correct to the best of my knowledge.

Signature of applicant

Handwritten signature of David Drynan

Name of person signing

David Drynan, Senior Project Officer

Date

18 July 2008

Send this application and fee to:

Wildlife Trade Assessments
Department of the Environment and Water Resources
Australian Government
GPO Box 787
CANBERRA ACT 2601

Fax: 02 6274 1921
Email: wta@environment.gov.au