

## **Final Report**

### **Distribution Pelagic Seabirds Survey in Java Island: Sunda Straits**

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#### **Proposed objectives**

There are several objective of the two phases of activity:

1. The first stage: Collect up date the latest information about seabirds species in Java Island
  - Literature review of recent data on species and flyways of seabirds in Java Island
  - Awareness to birdwatchers through its participation in field surveys at each location
  - Distribute the awareness materials : poster and calendar
2. The second stage : Make a field guide of seabirds
  - As a reference to the birdwatcher for survey seabirds in Indonesia and increase the numbers of birdwatcher

#### **Proposed Activities/Action**

Collect information about the species of seabirds around Java, both from literature and through field surveys conducted at each location. By doing so this will develop awareness of seabirds and their conservation needs amongs birdwatchers who will participate the activity. By leading the way it is hoped seabird monitoring will become a routine activity

#### **Actual activities/actions**

- Literature review of recent data on species and flyways of seabirds in Java Island:  
We have some literated review of recent data on species and flyways of seabird in Java Island, but still ongoing to search until now
- Awareness to birdwatchers through its participation in field surveys at each location:  
The field survey activities was conducted from 28-30 November 2016, on the first day (28 November 2016) team traveled from Binuangen to Peucang, the second day (29 November 2016) from Peucang to Krakatoa, and the third day (30 November 2016) from Krakatoa to Tanjung Lesung (Figure 1). Every day the team did the observations from 6.00 am until 18.00 pm. The team used transect method, where the boat will sail to the destination location, and during in the boat, team will surveyed the bird species and number of individuals seen at a distance of 3 meters until 1 km. Bird species that are not identified because the distance.

Two volunteer from Jakarta and Central Java joined this survey, they will used this experienced for monitoring in their place and will contribute for seabird data compile for Indonesia

- For distribute the awareness materials : poster and calendar; make a field guide of Seabirds  
We still find the funding for this objectives.

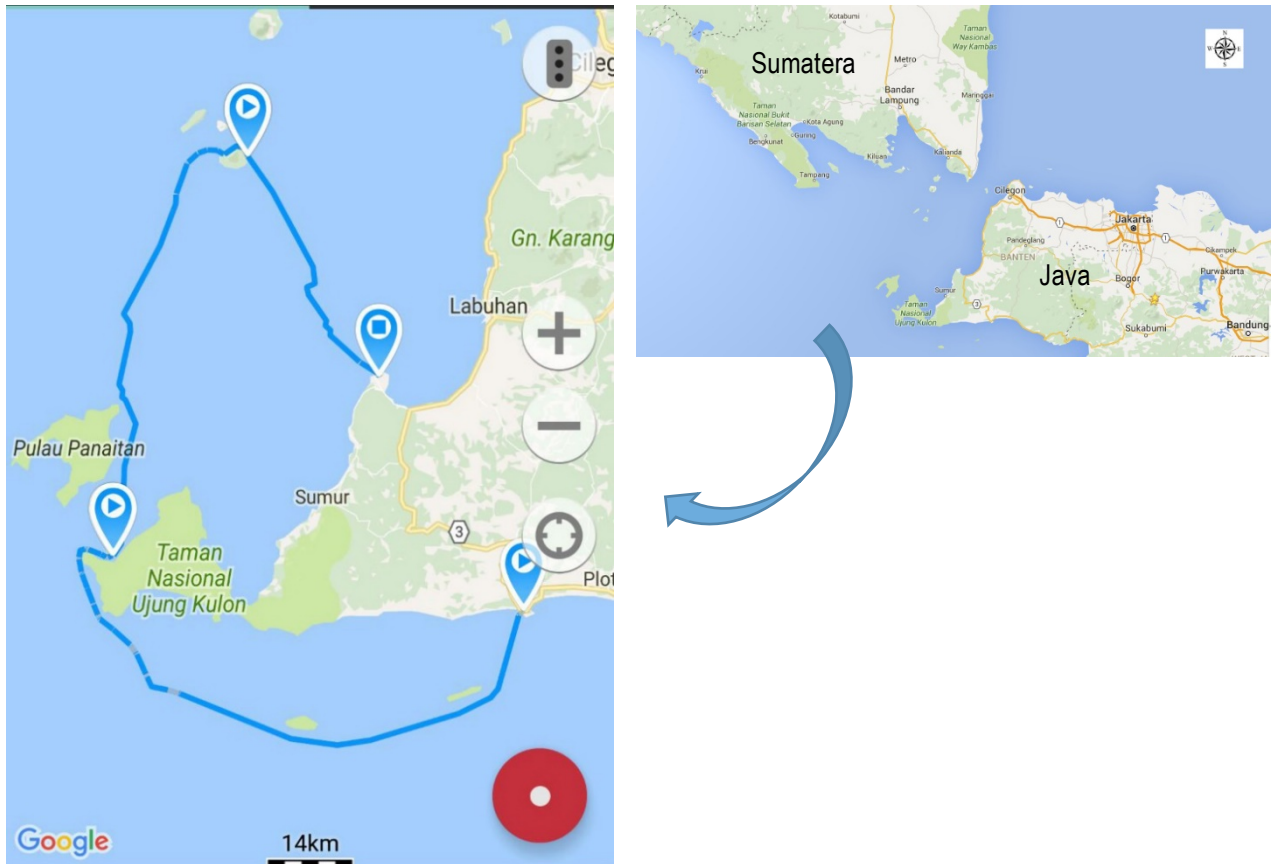


Figure 1. The maps of seabird observation in Sunda Straits

### Subjective/Objective evaluation of the effectiveness Action in Conserving seabird

In 2011, we saw the Brown Booby near Tanjung Layar, but in this year we didn't see that colony in the same place. We only seen a colony of terns which consisted of Great Crested Tern, Lesser Crested Tern, and Little Tern and approximately 18 km from Tanjung Lesung on November 30, 2016.

Bird species and number of seabird can be seen in Table 1 and the pictures can be seen in Figure 2 and Figure 3.

Tabel 1. The seabird species found in Sunda Straits from 28-30 November 2016

Species	Total
Aleutian Tern ( <i>Onychoprion aleuticus</i> )	6
Arctic Skua ( <i>Stercorarius parasiticus</i> )	2
Brown Booby ( <i>Sula leucogaster</i> )	3
Brown Noddy ( <i>Anous stolidus</i> )	2
Christmas Island Frigatebird ( <i>Fregata andrewsi</i> )	4
Common Tern ( <i>Sterna hirundo</i> )	4
Great Frigatebird ( <i>Fregata minor</i> )	1
Greater Crested Tern ( <i>Thalasseus bergii</i> )	39
Lesser Crested Tern ( <i>Thalasseus bengalensis</i> )	3

Lesser Frigatebird ( <i>Fregata ariel</i> )	9
Little Tern ( <i>Sterna albifrons</i> )	145
Streaked Shearwater ( <i>Calonectris leucomelas</i> )	5
Swinhoe Storm-Petrel ( <i>Hydrobates monorhis</i> )	4
Wedge-tailed Shearwater ( <i>Ardenna pacifica</i> )	1
Wilson's storm petrel ( <i>Oceanites oceanicus</i> )	1
Unidentified Frigatebird	26
Unidentified Shearwater	4
Unidentified tern	13
<hr/> Total	<hr/> 272



Arctic Skua (*Stercorarius parasiticus*)



Brown Noddy (*Anous stolidus*)



Streaked Shearwater (*Calonectris leucomelas*)



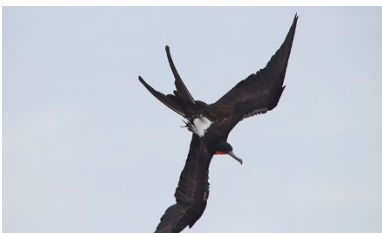
Wilson's Storm-Petrel (*Oceanites oceanicus*)



Brown Booby (*Sula leucogaster*)



Wedge-tailed Shearwater





Greater Crested Tern (*Thalasseus bergii*)



Little Tern (*Sterna albifrons*)



Aleutian Tern (*Onychoprion aleuticus*)

Figure 2. The seabirds in Sunda Straits



Preparation training



Observing the seabirds



Observing the seabirds



Taking picture of Terns

Figure 3. The team activities during field survey

**Comparison proposed and actual expenditures of money/use of donated materials**

Itemized Expenses (in Rp)	Detail	Pacific Sea Bird Grup (US\$)	The actual budget (US\$)
<b>Project Preparation</b>			
Communications (telephone/internet/postage)			7.34
Medical supplies	Inclusive for all team members		14.69
<b>Project Implementation</b>			
Accommodation for team members	(2 nights @Rp. 600.000)		88.15
Food for team members and local guides		176.30	186.59
Travel and local transportation	Boat hire: Sunda Straits (3 days field survey @ Rp. 7.000.000/day); Car rental: Sunda Straits (@ Rp. 3.000.000/return trip).	1,880.56	1763.02
Other	Bird attractants (chum) for Sunda Straits (@ Rp. 500.000/unit)	73.46	36.73
<b>Project Total</b>		2,130.32	2096.53

**Suggestion for further work**

Seabird data collection activities in the Sunda Strait rarely did, and the intense activity should be made to collect data as much as possible when the migration season in the September until October.

**Publication**

We published our activity to the public for the awareness:

<http://readersblog.mongabay.co.id/rb/2016/12/15/serunya-mengintip-burung-laut-di-selat-sunda/>

<http://regional.liputan6.com/read/2682780/burung-burung-laut-di-selat-sunda>