



What are marine  
mammals?

Why important to  
study?

How to study  
them?

Field trip  
tomorrow

**Data  
processing**

## Data Processing and Field Errors



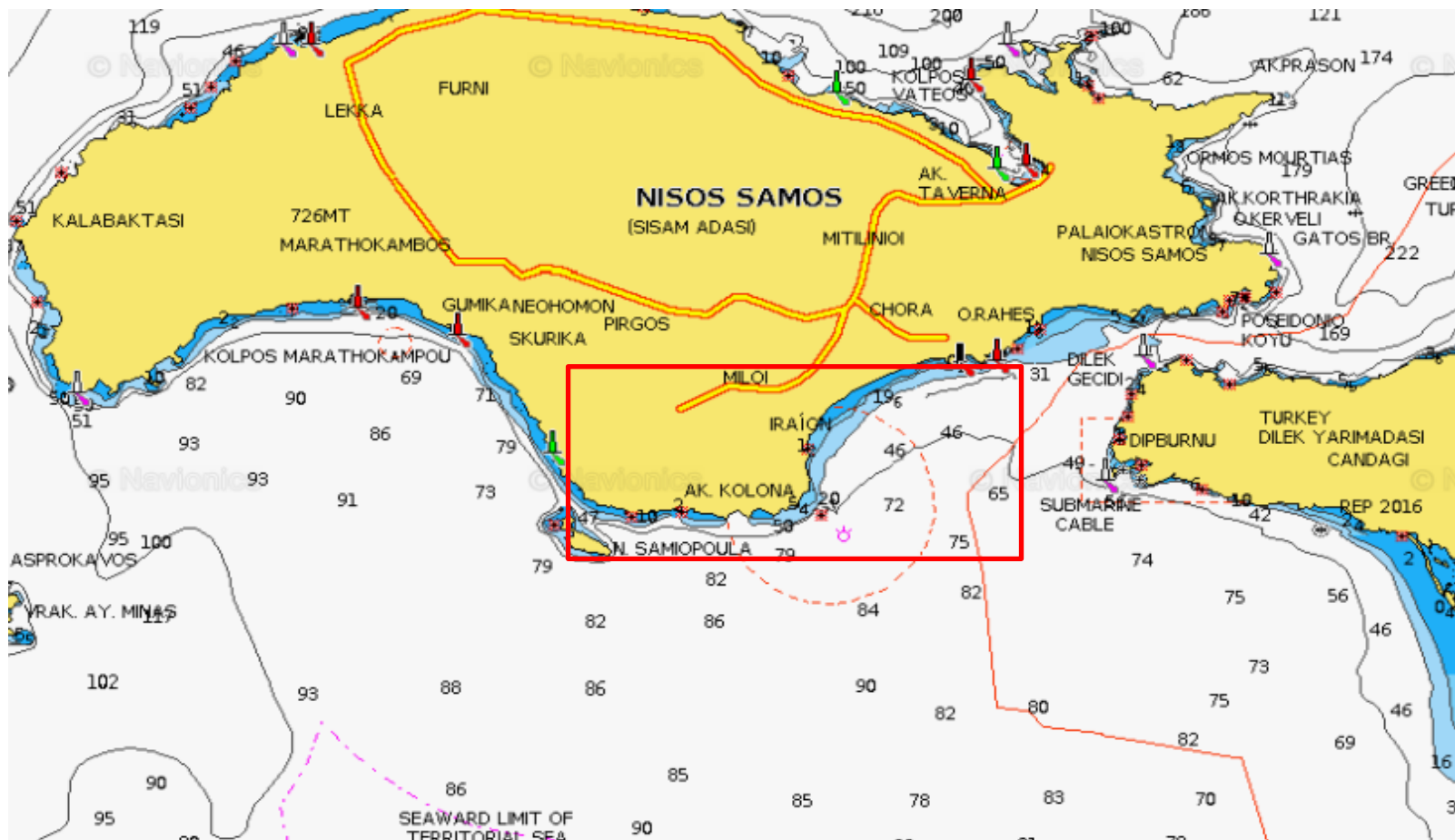
What are marine mammals?	Why important to study?	How to study them?	Field trip tomorrow	Data processing
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Saturday, Sep 23

07 h	08 h	09 h	10 h	11 h	12 h	13 h	14 h	15 h	16 h	17 h	18 h	19 h	20 h	21 h
6	5	5	7	11	13	12	12	13	15	14	14	13	14	16
7	7	9	12	15	16	15	14	14	15	15	15	16	15	18
17	19	20	21	22	23	23	24	23	23	23	22	21	21	21
17	19	20	21	22	23	23	24	23	23	23	22	21	21	21
80	72	65	56	49	46	43	43	46	50	53	56	58	61	67
1017	1017	1017	1018	1018	1018	1018	1018	1017	1017	1017	1017	1017	1017	1018
0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8
2	2	2	2	2	3	3	3	3	3	3	3	3	3	3



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- track length = 42 km

- Effort = 4:19 hours



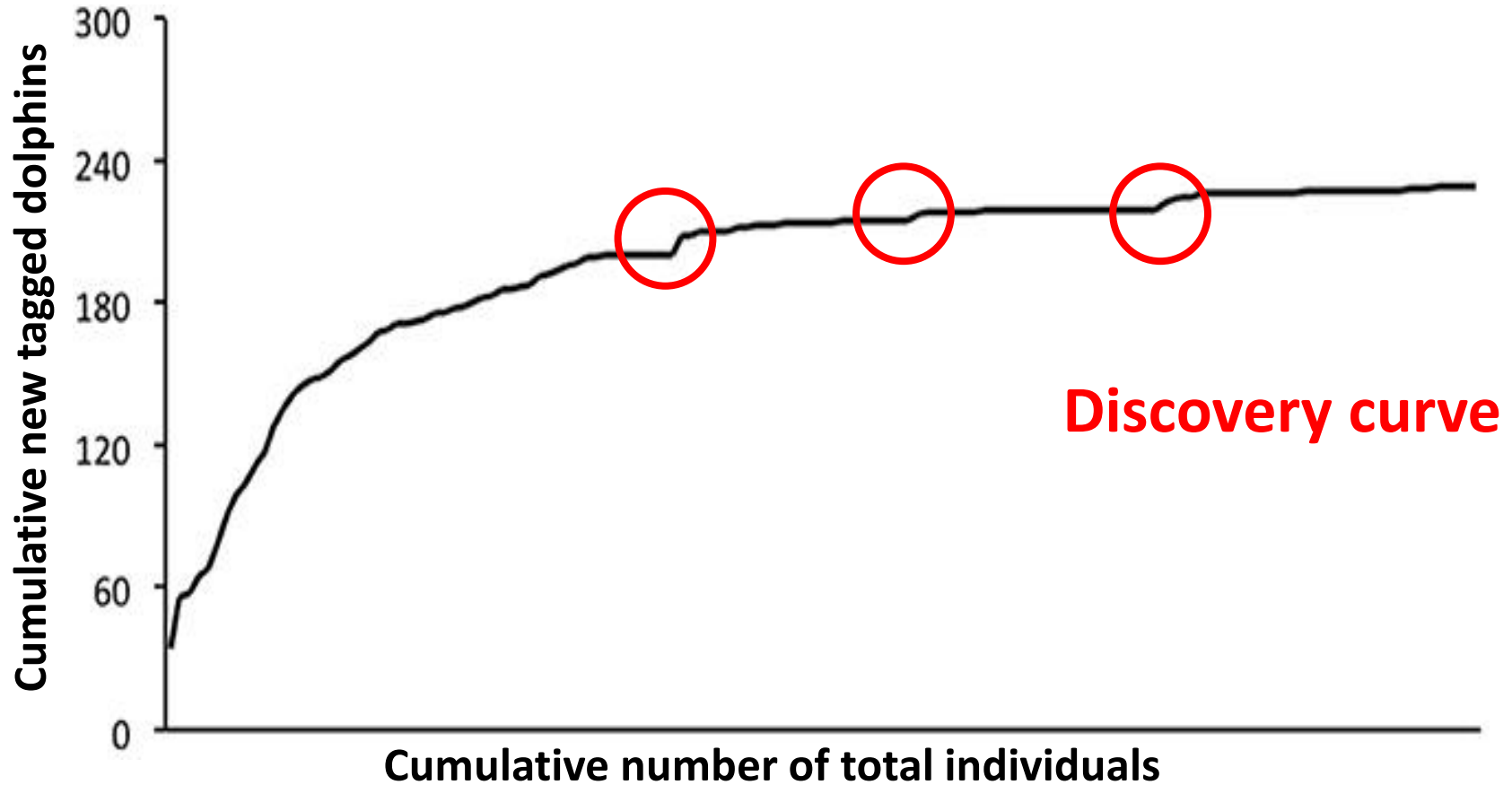


## Errors in photography:



What are Whales and Dolphins?	Why important to study?	How to study them?	Field trip tomorrow	Data processing
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## How to know when you have enough data?:



## Assisting fin sorting software:

**FinBase Catalog Browser**

ID: 1000  
 Alias: MUTT  
 FB: 841  
 Age: 32  
 YOB: 1981  
 Sex: Female  
 Alive: No  
 Hom:

CatalogID: 1000  
 Alias:

Associate	Frequency
13038	3
7027	2
7098	2
7105	2
2105	1
2165	1
3005	1
6005	1

Number of Sightings: 3  
 First Sighting: 2/20/2004  
 Last Sighting: 5/11/2004

Image	Date	Survey	Sighting	CatalogStatus
4.JPG	4/21/2004	466	7	No

Image	Date	Survey	Sighting	CatalogStatus
5.JPG	5/11/2004	472	13	No
1.JPG	2/20/2004	426	5	No



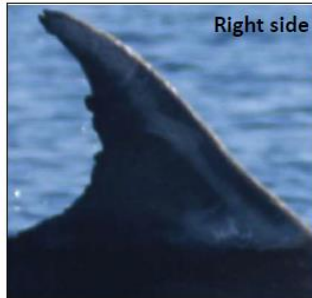
Survey	Sighting	Date	Survey Type	Survey Area	Confirmation	DolphinClass	Distinctiveness	Obstruction
472	13	5/11/2004	Photo-id	SRE	Verified	Other	High	None
466	7	4/21/2004	Photo-id	OHS	Verified	Other	High	None
426	5	2/20/2004	Photo-id	OHS	Verified	Other	High	None

<http://www.nmfs.noaa.gov/pr/species/finbase.htm>





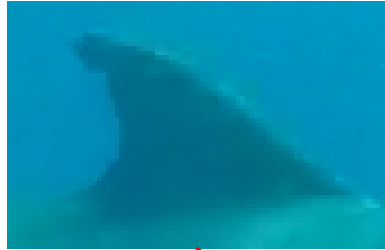
## Creating the catalogue:

Code: Biz017			
Name: Shark	Code: Biz036		
Gender:	Name:	Code: Biz020	Whole body
First sighted: 06/07/2015	Gender: Female	Name:	
Last sighted: 04/08/2016	First sighted: 22/07/2015	Gender: Female (?)	
N. of times sightings: 2	Last sighted: 22/07/2015	First sighted: 06/06/2015	
Mark rank: 4	N. of sightings: 1	Last sighted: 06/06/2016	
	Mark rank: 4	N. of times sightings: 1	 
		Mark rank: 4	
		Code: Biz024	
		Name: Scar	
		Gender: Male?	
		First sighted: 06/07/2015	
		Last sighted: 08/07/2016	
		N. of times sightings: 2	
		Mark rank: 5	



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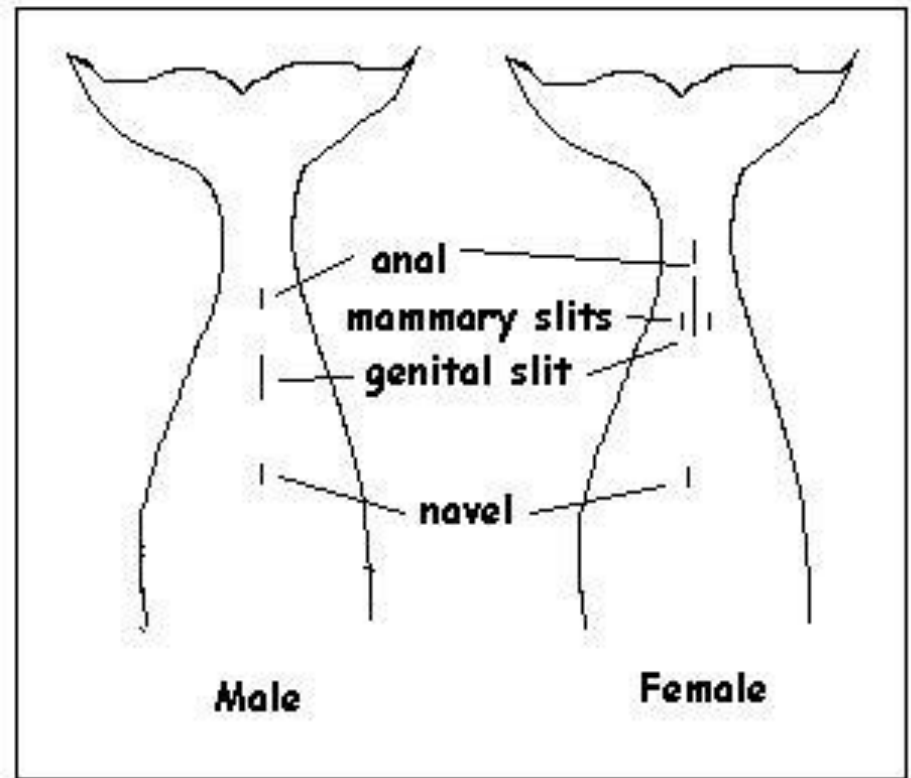
## Creating the catalogue: Gender?





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## Creating the catalogue: Gender?



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## Other sightings:

- Birds
- Pelagic fish species
- Jelly fish
- Pollution hotspot
- Marine debris







*Thank you very much*

