


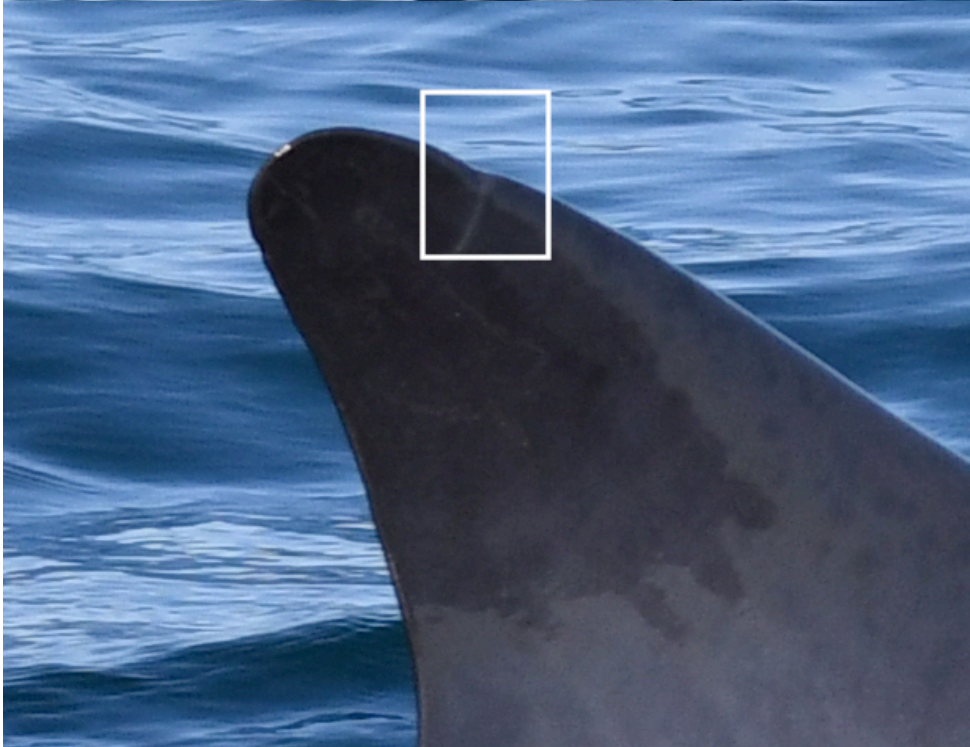


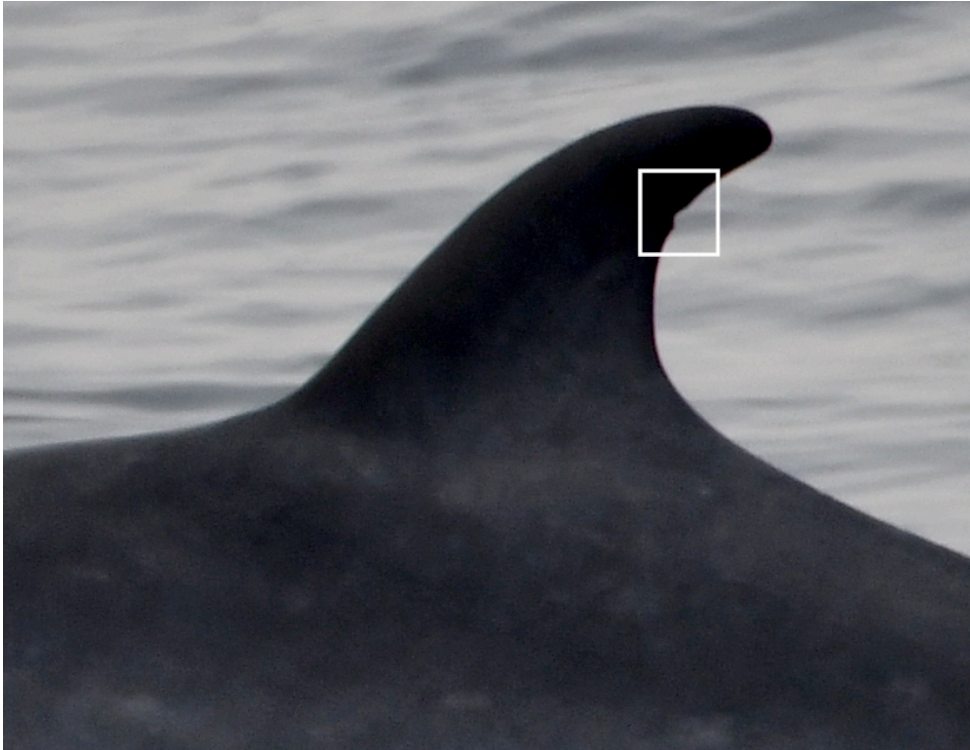
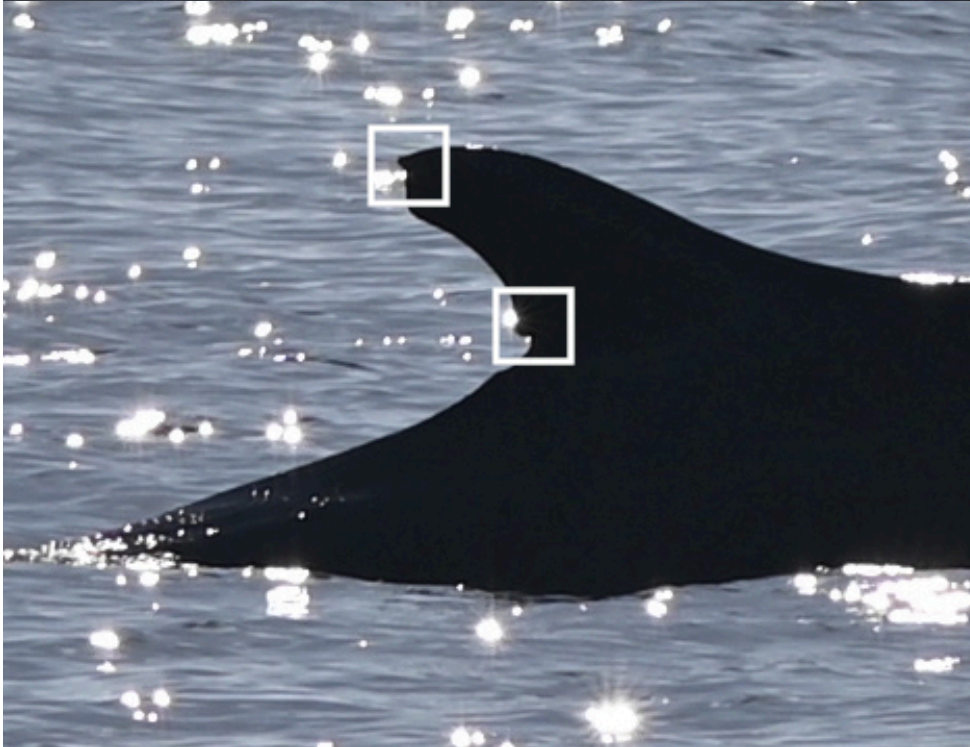
## Supplement

Table S1. Examples of all skin conditions found during the study.



Skin condition category Subcategory	Photograph
<b>1- Injuries</b> 1a) Amputation	
1b) Back indentation	

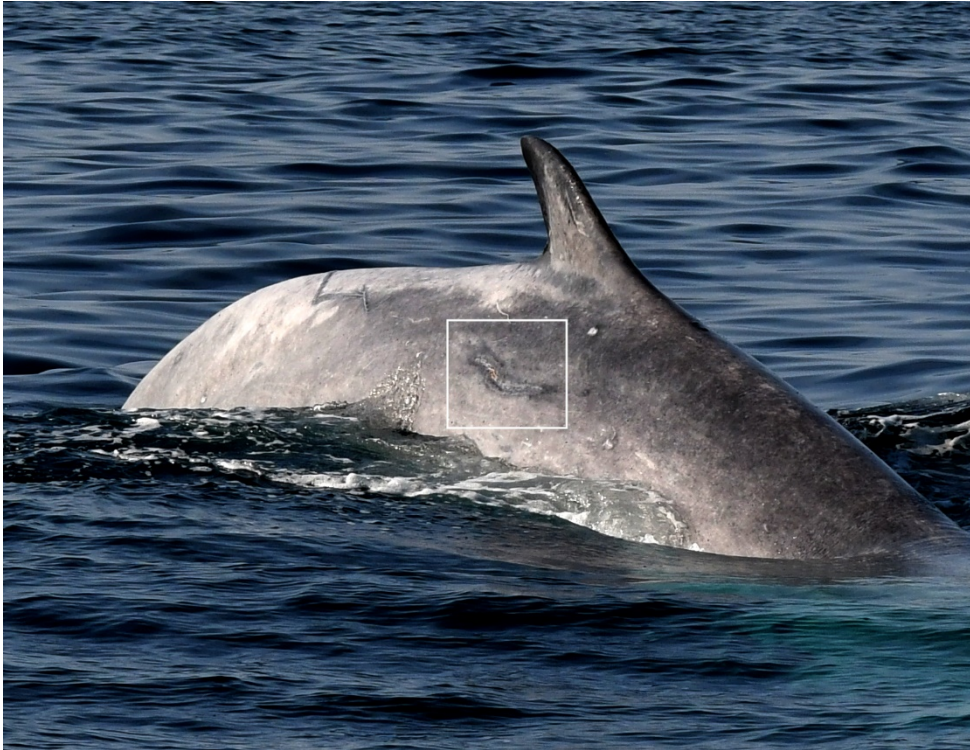

Skin condition category Subcategory	Photograph
1c) Fine scrape	
1d) Hole	

Skin condition category Subcategory	Photograph
1e) Medium scrape	 A close-up photograph of a whale's dark, wet skin on its back. A white rectangular box highlights a specific area on the skin, showing a medium scrape characterized by several parallel, light-colored, slightly raised lines.
1f) Notch Leading Edge	 A close-up photograph of the leading edge of a whale's dorsal fin. A white rectangular box highlights a notch or indentation in the skin at the very tip of the fin.

Skin condition category Subcategory	Photograph
1g) Notch Trailing Edge	
1h) Protruding piece	

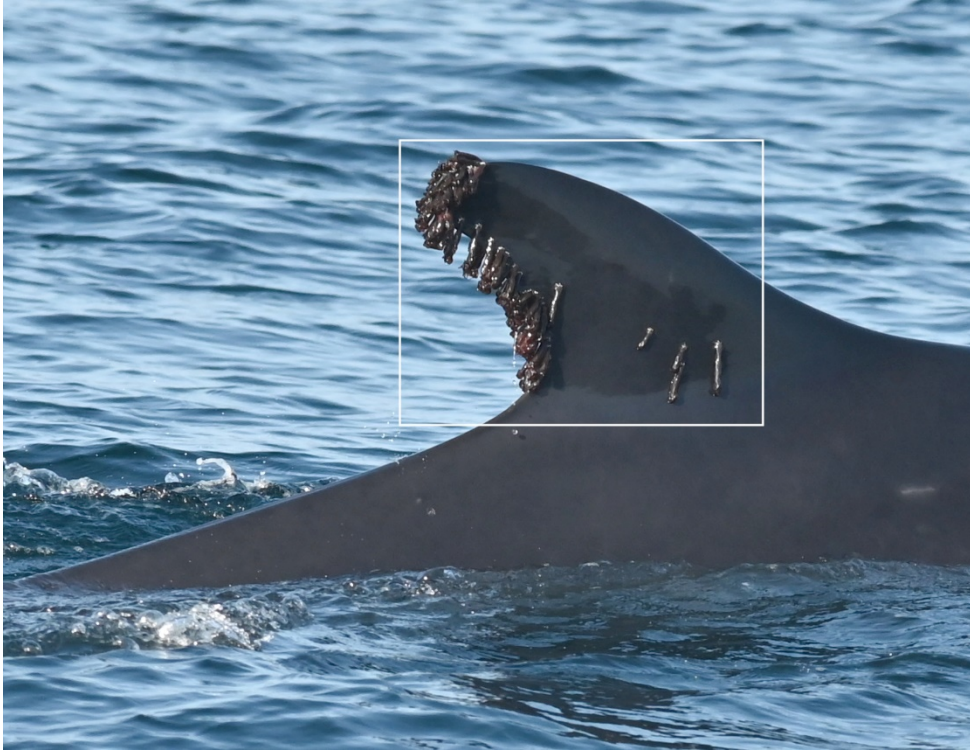

Skin condition category Subcategory	Photograph
1i) Scars	
1j) Scratch patch	

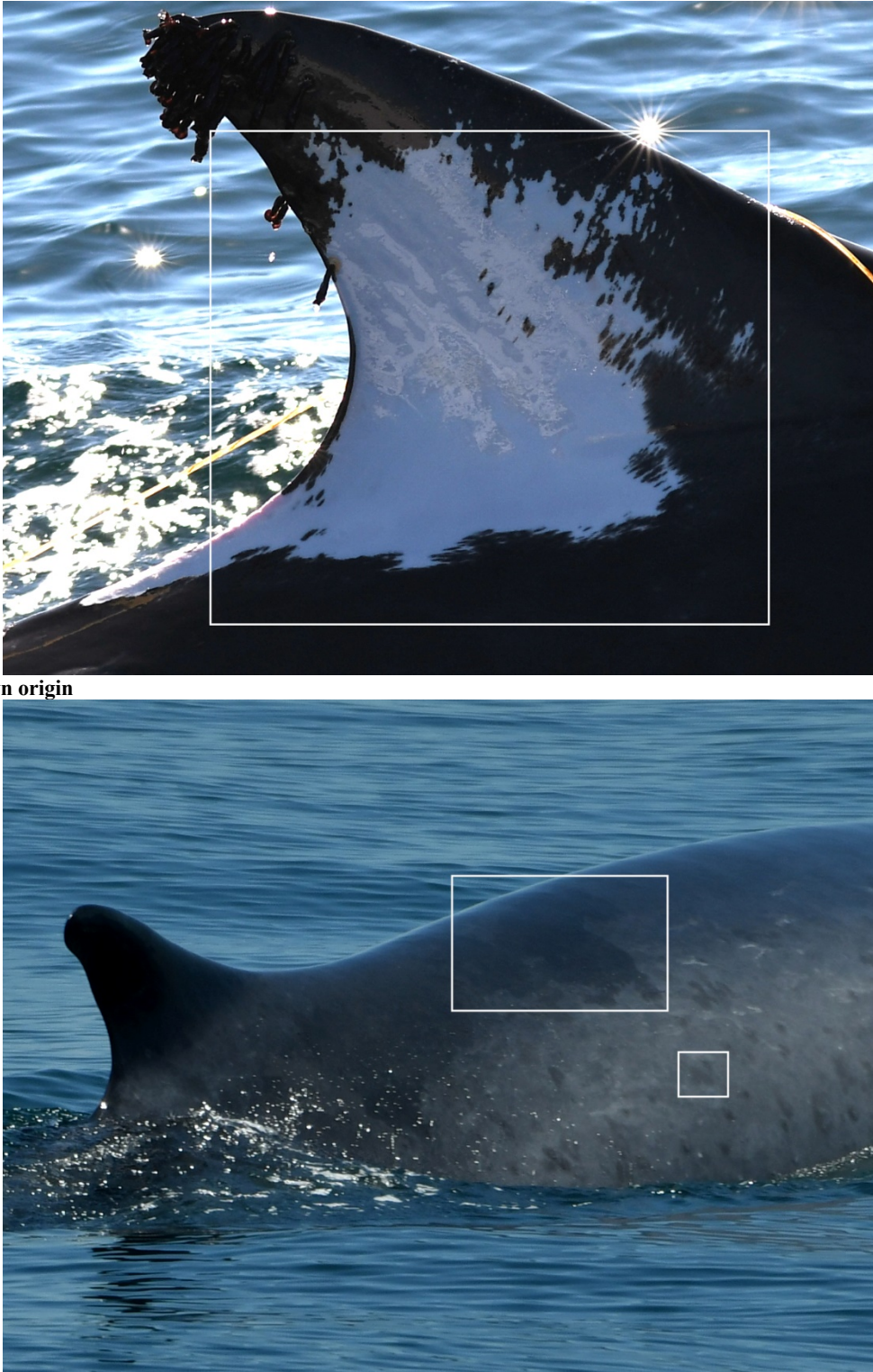
Skin condition category Subcategory	Photograph
1k) Skidding	
1l) Tooth-rake	

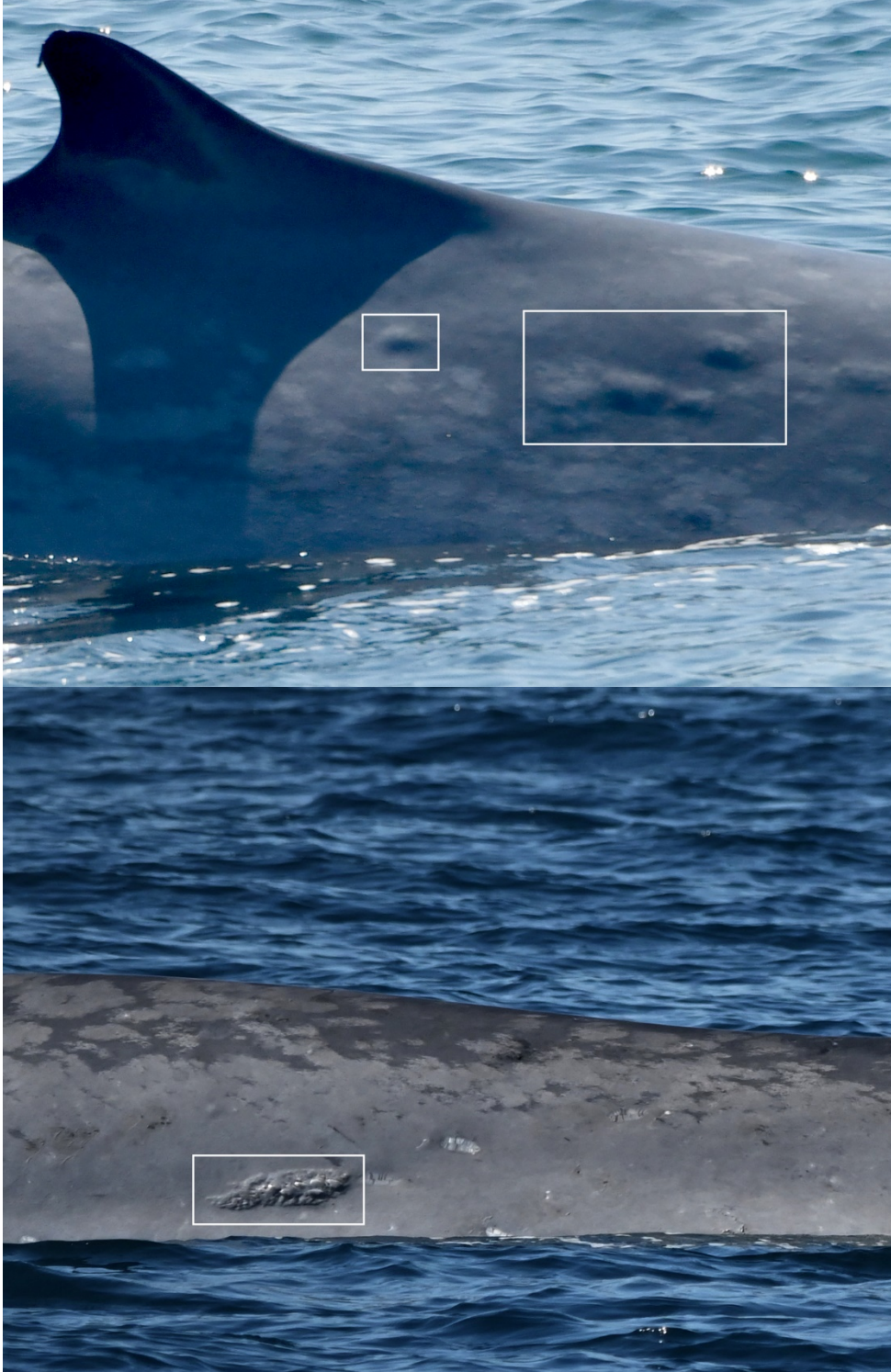
Skin condition category Subcategory	Photograph
1m) Wounds	
<b>2- Epizootics and ectoparasites</b> 2a) Cookie-cutter bite	



Skin condition category Subcategory	Photograph
2b) Fish	 A photograph showing the dorsal side of a whale's back in blue ocean water. A white rectangular box highlights a circular, fish-like lesion on the skin.
2c) <i>Pennella balaenopterae</i>	 A photograph showing the dorsal side of a whale's back in greyish water. Three white rectangular boxes highlight dark, elongated lesions characteristic of Pennella balaenopterae.


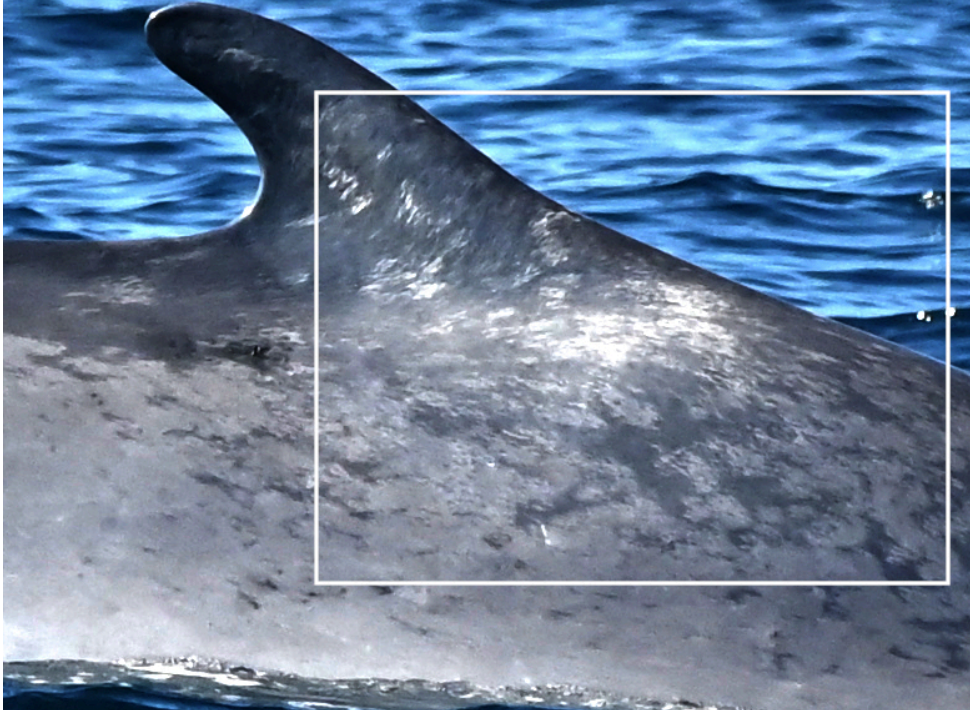



Skin condition category Subcategory	Photograph
2d) <i>Xenobalanus globicipitis</i>	
<b>3- Pigmentation disorders</b>	
3a) Hypo-pigmentation	

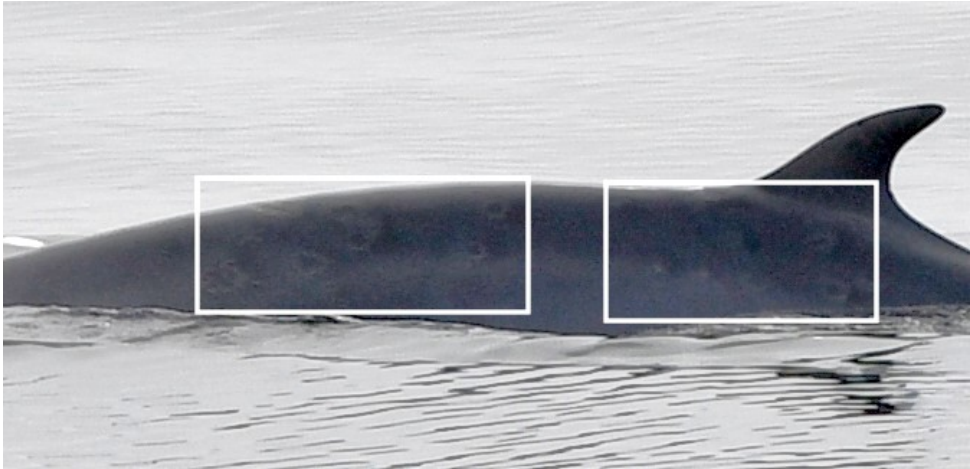
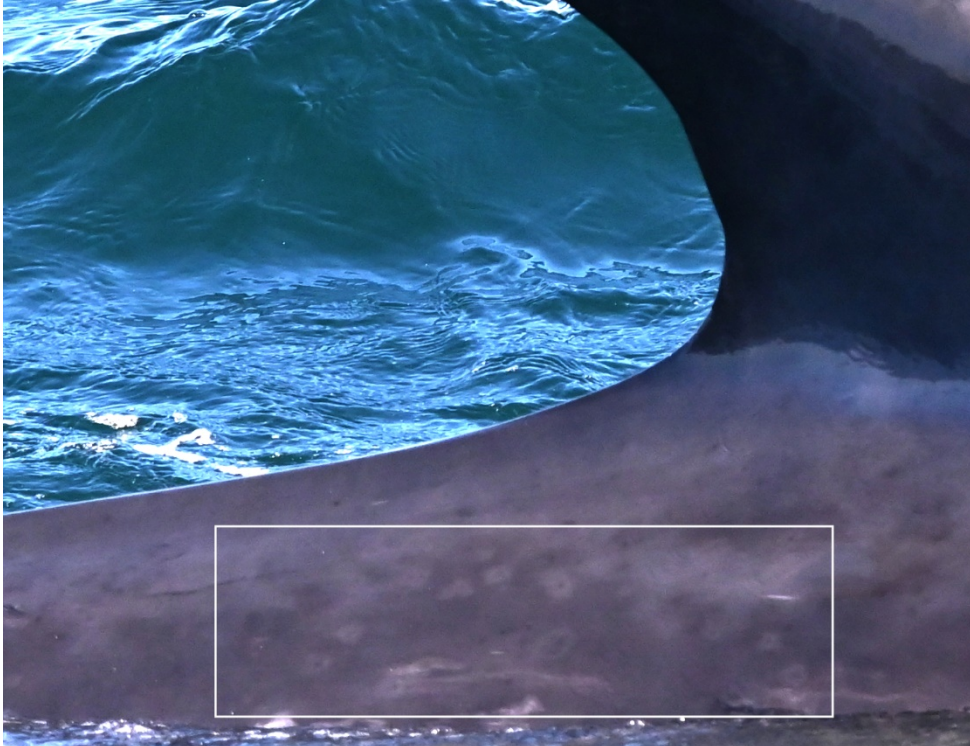
Skin condition category Subcategory	Photograph
<b>4- Skin lesions of unknown origin</b> 4a) Black marks	 <p>The top photograph is a close-up of the dorsal fin of a whale, showing a dark, irregular mark on the skin. A white box highlights this mark. The bottom photograph shows a wider view of the whale's back, with two white boxes highlighting dark marks on the skin.</p>

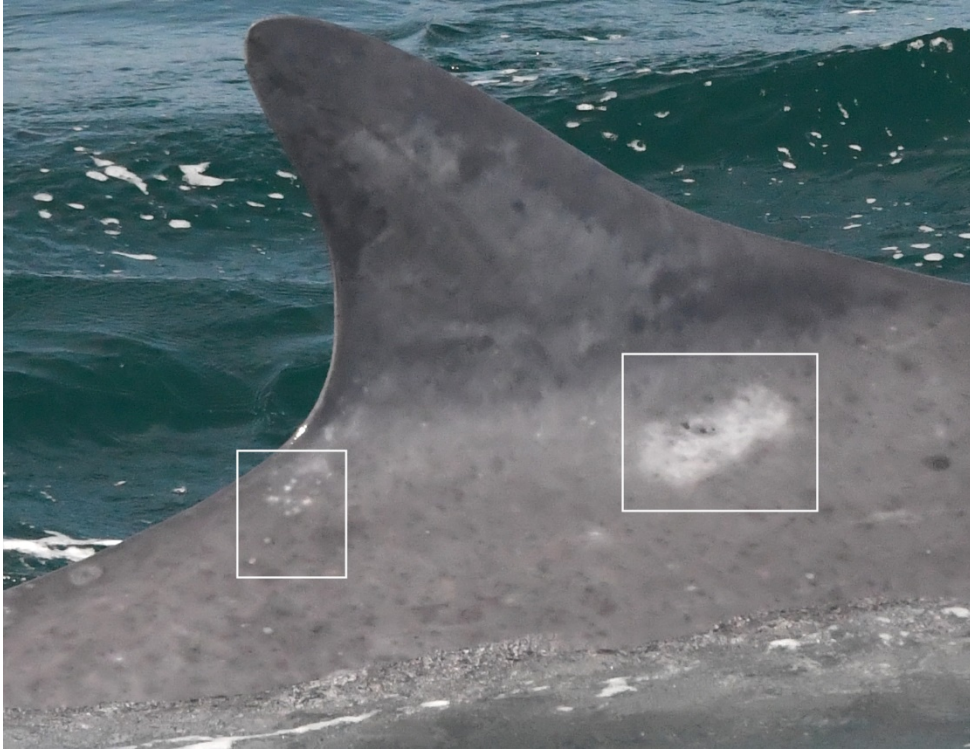
Skin condition category Subcategory	Photograph
4b) Blisters	

Skin condition category Subcategory	Photograph
4c) Dark fringe	
4d) Focal skin disease	

Skin condition category Subcategory	Photograph
4e) Mottling	 A photograph of a whale's back in the ocean. The skin is dark grey with irregular, lighter patches of mottling. A white rectangular box highlights a specific area of mottling on the right side of the whale's back. There are also two small red marks on the skin, one on the left and one on the right.
4f) Starburst	 A photograph of a whale's back in the ocean. The skin is dark grey with a starburst pattern of lighter, radiating lines. A white rectangular box highlights a specific area of starburst on the right side of the whale's back.

Skin condition category Subcategory	Photograph
4g) Tattoo-like	

Skin condition category Subcategory	Photograph
4h) Wart-like	 A photograph of a whale's back and dorsal fin in a greyish, overcast sea. Two white rectangular boxes are overlaid on the whale's back, highlighting areas of skin that appear thickened and irregular, characteristic of wart-like conditions.
4i) White fringe	 A close-up photograph of a whale's skin, showing a distinct white fringe along the edge of the skin. A white rectangular box highlights a section of the skin below the fringe, showing a mottled, textured appearance.

Skin condition category Subcategory	Photograph
4j) White marks	 A photograph of a shark's dorsal fin protruding from the water. The fin is dark grey and shows two distinct white marks. One mark is a small, irregular white patch on the lower part of the fin. The other is a larger, more diffuse white area on the upper part of the fin. Both marks are enclosed in white rectangular boxes. The water is a deep teal color with some white foam from waves.
<b>5- Anatomical malformation</b>	




Skin condition category Subcategory	Photograph
5a) Deformation	

Table S2. Body condition percentage (%) per species.

Body condition	Blue whale (%)	Fin whale (%)	Minke whale (%)	Total (%)
<b>Poor</b>	14.29	15.32	18.18	13.33
<b>Good</b>	85.71	84.68	81.82	86.67