

Supplementary material

Supplementary material 1: Certificate of loss of the *Squatina armata* Philippi, 1887 holotype issued by the Chilean National Museum of Natural History.



CERTIFICATE

MNHN/ZOOL_VERT/001/2023

Santiago, November 27, 2023

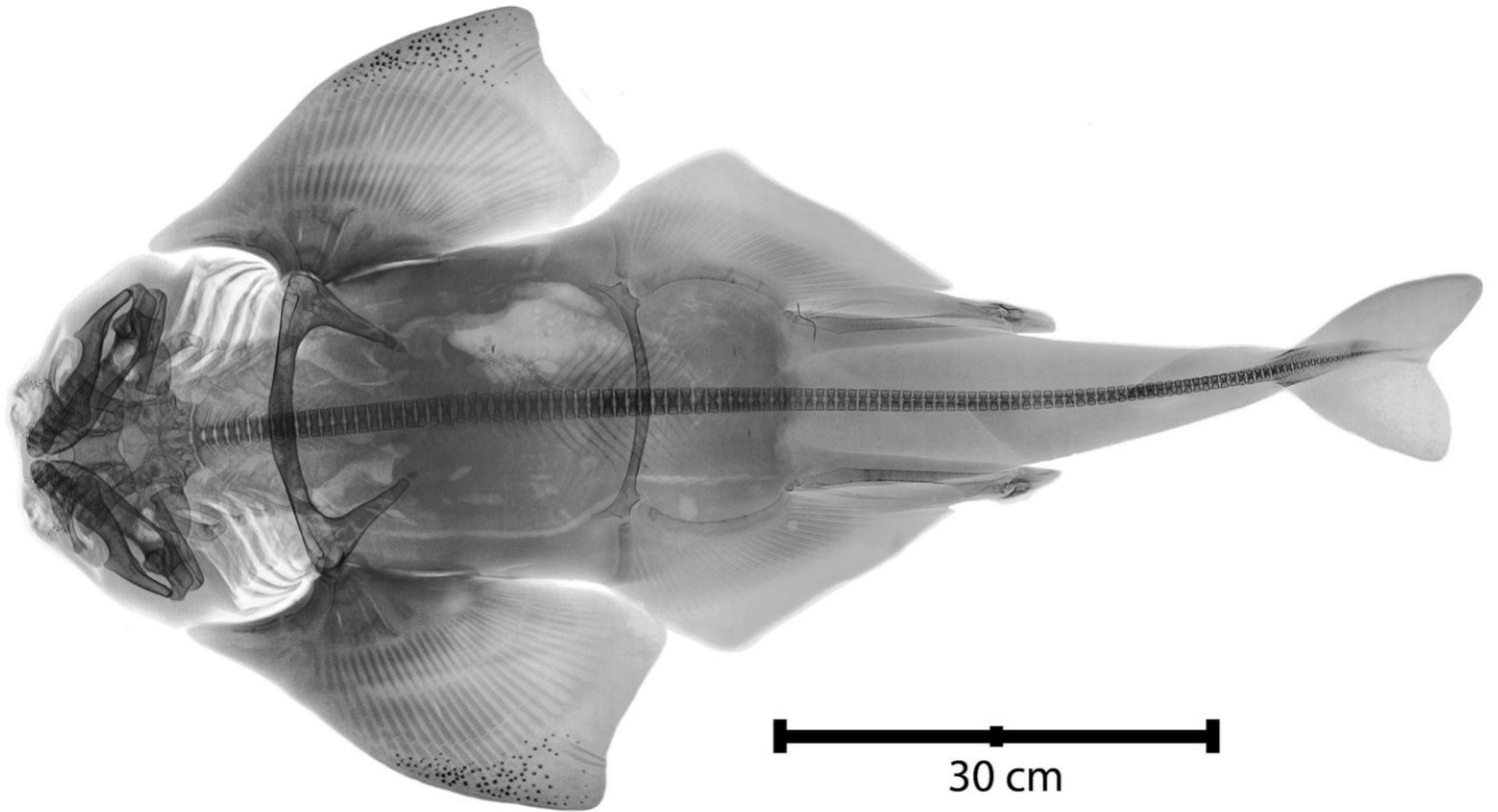
To whom it may concern

Through this document, I certify that our records indicate that the Holotype of the species *Squatina armata* (Philippi 1887) Catalog Number MNHN P. 5323, is listed as “loan specimen”. However, the referred specimen was destroyed during a fire in the laboratories of the Faculty of Sciences, at Universidad Austral de Chile, where it was temporarily stored for further taxonomic examination.

The total loss of the **Holotype of *Squatina armata* MNHN P. 5323** is certified.


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Jefe Área Zoología Vertebrados
Editor Boletín del Museo Nacional de Historia Natural
Santiago, Chile





Supplementary material 2: Composite dorsal X-ray image of the fresh *Squatina armata* Philippi, 1887 MNHNCL ICT 7625. Image was created based on several close-ups to the body, and because of constraints during radiography the left pectoral fin had to be mirrored.

Supplementary material 3: Table detailing the gene markers that were found for each of the *Squatina* Duméril, 1806 species and outgroup included in the molecular analyses. Respective Genbank accession numbers are provided.

Species	CO1	16S	NADH2	
<i>Squatina aculeata</i>	FN431671.1	FN431790.1	JQ518985.1	Pi56
<i>Squatina africana</i>	FN431686.1	FN431806.1	-	Pi96
<i>Squatina albipunctata</i>	FN431693.1	FN431813.1	JQ518981.1	Pi72
<i>Squatina armata</i> neotype	This study	This study	This study	
<i>Squatina armata</i>	FN431696.1	FN431816.1	-	Pi23
<i>Squatina australis</i>	FN431698.1	FN431818.1	-	Pi68
<i>Squatina californica</i>	FN431733.1	FN431852.1	JQ518984.1	Pi50
<i>Squatina dumeril</i>	FN431740.1	FN431859.1	JQ518983.1	Pi52
<i>Squatina formosa</i>	NC_025328.1	NC_025328.1	NC_025328.1	Mitogenome
<i>Squatina guggenheim</i>	FN431746.1	FN431865.1	-	Pi33
<i>Squatina japonica</i>	NC_024276.1	NC_024276.1	NC_024276.1	Mitogenome
<i>Squatina legnota</i>	FN431751.1	FN431870.1	-	Pi76
<i>Squatina nebulosa</i>	NC_025578.1	NC_025578.1	NC_025578.1	Mitogenome
<i>Squatina occulta</i>	FN431753.1	FN431872.1	-	Pi35
<i>Squatina oculata</i>	FN431754.1	FN431873.1	JQ518986.1	Pi58
<i>Squatina pseudocellata</i>	FN431756.1	FN431875.1	-	Pi74
<i>Squatina squatina</i>	NC_035057.1	NC_035057.1	NC_035057.1	Mitogenome
<i>Squatina tergocellata</i>	FN431763.1	FN431763.1	-	Pi77
<i>Squatina tergocellatoides</i>	FN431766.1	JQ518982.1	FN431885.1	