

Blue lines indicate the area meeting the ISRA Criteria; dashed lines indicate the suggested buffer for use in the development of appropriate place-based conservation measures

## JANDÍA ISRA

### European Atlantic Region

#### SUMMARY

Jandía is situated on the southeast coast of Fuerteventura Island in the Canary Islands, Spain. This coastal area features benthic habitats characterised by permanently submerged sublittoral sandbanks. The area overlaps with the Oceanic Islands and Seamounts of the Canary Region Ecologically or Biologically Significant Marine Area. Within this area there are: **threatened species** and **undefined aggregations** (Angelshark *Squatina squatina*).

#### CRITERIA

**Criterion A - Vulnerability; Sub-criterion C5 - Undefined Aggregations**

—	—
<b>SPAIN</b>	—
—	—
<b>0-150 metres</b>	—
—	—
<b>7.72 km<sup>2</sup></b>	—
—	—





## DESCRIPTION OF HABITAT

Jandía is located on the southeast coast of Fuerteventura Island in the Canary Islands. The Canary Islands are a Spanish archipelago in the northeast Atlantic, consisting of eight main islands and five islets, situated ~100 km from the northwest African coastline. Benthic habitats in the area are characterised by permanently submerged sublittoral sandbanks.

The area is strongly influenced by the Eastern Boundary Upwelling System (EBUS), the Canary Current, and Calima events (Sahara Desert dust). The Azores High pressure system and trade winds drive complex patterns of seasonal upwelling, temperature fluctuation, and ocean stratification, leading to high productivity and nutrient richness along the West African continental shelf, which in turn influences environmental and biological conditions across the Canary Islands (Vázquez et al. 2024).

The area overlaps with the Oceanic Islands and Seamounts of the Canary Region Ecologically or Biologically Significant Marine Area (EBSA; CBD 2025).

This Important Shark and Ray Area is benthic and is delineated from inshore and surface waters (0 m) to 150 m based on the bathymetry of the area.

## ISRA CRITERIA

### CRITERION A - VULNERABILITY

One Qualifying Species considered threatened with extinction according to the IUCN Red List of Threatened Species regularly occurs in the area. This is the Critically Endangered Angelshark (Morey et al. 2019).

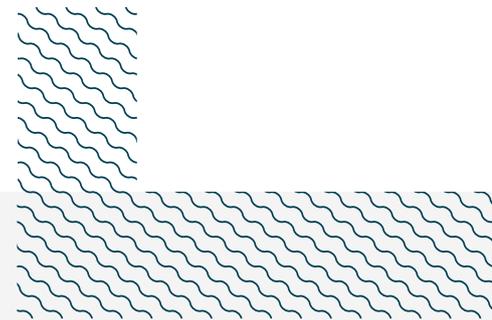
### SUB-CRITERION C5 - UNDEFINED AGGREGATIONS

Jandía is an important area for undefined aggregations of one shark species.

Since 2015, the Angel Shark Project has conducted a combination of underwater visual census (UVC) surveys, tagging, and citizen science data collection in the Canary Islands. Visual transects and tagging surveys were conducted across the Canary Islands in high suitability areas (Meyers et al. 2017), potential nursery areas (Jiménez-Alvarado et al. 2020), and locations where Angelsharks are commonly observed. Within this area, seven UVC campaigns (1-2 days each) were conducted between 2018–2025. Aggregations of 3–60 adults were recorded in five of the seven surveys (Angel Shark Project unpubl. data 2025). Two particularly large aggregations were recorded. In March 2019, 24 adult sharks were tagged during a single dive conducted in a ~400 m radius from an aggregation of >50 sharks observed over two days in the same location. Another large aggregation was recorded in 2025 with 60 sharks spotted in the same location with most of the individuals appearing to be females (Angel Shark Project unpubl. data 2025). These are the largest aggregations recorded globally for the species. In addition, citizen science data reported by local dive centres between 2019–2024 provided regular records of aggregations of 3–9 individuals every year in the area (Angel Shark Project unpubl. data 2025). Angelsharks are regularly seen individually and scattered almost year-round, but these aggregations have been recorded during the reported mating season in winter (November–March) for the Canary Islands (Meyers et al. 2017; Mead et al. 2023) and occasionally during other periods of the year. Mating events have been observed and recorded over multiple years, suggesting that this area may be used for reproductive purposes. Mating events are very rare



to observe and Jandía is one of the few locations across the archipelago where they have been regularly recorded. Neonate individuals were also observed in the area (Jiménez-Alvarado et al. 2020) including one neonate (<30 cm total length) tagged in 2020. Additional information is needed to confirm the nature and function of these aggregations.



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### **Acknowledgments**

Eva KM Meyers (Angel Shark Project; Leibniz Institute for the Analysis of Biodiversity Change), Héctor Toledo-Padilla (Angel Shark Project), Tomas Bañeras (Angel Shark Project), David Jiménez-Alvarado (Angel Shark Project; Universidad Las Palmas de Gran Canaria; Rays of Paradise), Caroline Bousquet (Angel Shark Project; Environment Agency of Corsica), and Emiliano García-Rodríguez (IUCN SSC Shark Specialist Group - ISRA Project) contributed and consolidated information included in this factsheet. We thank all participants of the 2025 ISRA Region 02 - European Atlantic workshop for their contributions to this process.

This factsheet has undergone review by the ISRA Independent Review Panel prior to its publication.

This project was funded by the Shark Conservation Fund, a philanthropic collaborative pooling expertise and resources to meet the threats facing the world's sharks and rays. The Shark Conservation Fund is a project of Rockefeller Philanthropy Advisors.

### **Suggested citation**

**IUCN SSC Shark Specialist Group. 2025.** Jandía ISRA Factsheet. Dubai: IUCN SSC Shark Specialist Group.

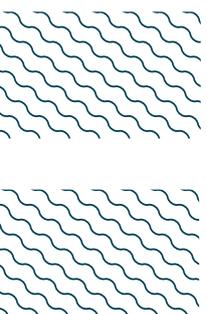
## QUALIFYING SPECIES

Scientific Name	Common Name	IUCN Red List Category	Global Depth Range (m)	ISRA Criteria/Sub-criteria Met									
				A	B	C1	C2	C3	C4	C5	D1	D2	
<b>SHARKS</b>													
<i>Squatina squatina</i>	Angelshark	CR	0-150	X							X		

## SUPPORTING SPECIES

Scientific Name	Common Name	IUCN Red List Category
<b>RAYS</b>		
<i>Aetomylaeus bovinus</i>	Duckbill Eagle Ray	CR
<i>Bathytoshia lata</i>	Brown Stingray	VU
<i>Dasyatis pastinaca</i>	Common Stingray	VU
<i>Gymnura altavela</i>	Spiny Butterfly Ray	EN
<i>Myliobatis aquila</i>	Common Eagle Ray	CR
<i>Taeniurops grabatus</i>	Round Fantail Stingray	NT
<i>Torpedo marmorata</i>	Marbled Torpedo Ray	VU

*IUCN Red List of Threatened Species Categories are available by searching species names at [www.iucnredlist.org](http://www.iucnredlist.org). Abbreviations refer to: CR, Critically Endangered; EN, Endangered; VU, Vulnerable; NT, Near Threatened; LC, Least Concern; DD, Data Deficient.*





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