

Circumpolar Cephalopod dataset

Dataset description

The Circumpolar Cephalopod dataset included on ESODAP was originally a product of a project undertaken at BAS which resulted in an atlas of Cephalopod distribution in the Southern Ocean (Xavier et al., 1999). The dataset is a synthesis of various publications and covers the period 1902-1990. Prior to rescue the data had become unavailable as it was only stored on personal drives of BAS employees and was thus not available to the wider scientific community.

Circumpolar Cephalopod database

Data were collated from a variety of sources which resulted from the original project including Arc GIS shapefiles and data tables. Along with correspondence with the individuals responsible for the original data collation a number of references for the dataset were also found.

Caveats of the Cephalopod data set

The data contained in the Cephalopod database must be used with caution. In order to use the BIOMASS database it is important to know its problems that were recognised during the data rescue phase for ESODAP. Despite extensive error checking do not assume that this document details all errors. It is the responsibility of the user to recognise the problems and limitations associated with the dataset. If any problems are encountered please email Philip Martin at phrt@bas.ac.uk.

Liability

Use by the recipient of the Cephalopod data set provided by the British Antarctic Survey is at the recipients own risk. Although every effort is made to ensure the accuracy of the data, BAS does not warrant the accuracy of any data supplied and has no responsibility for determining the fitness of the data for their intended use by the recipient. The provision of such data carries no liability for its accuracy or reliability and neither BAS nor its employees can be held accountable for any loss, damage, injury or any other occurrence arising from the use of these data.

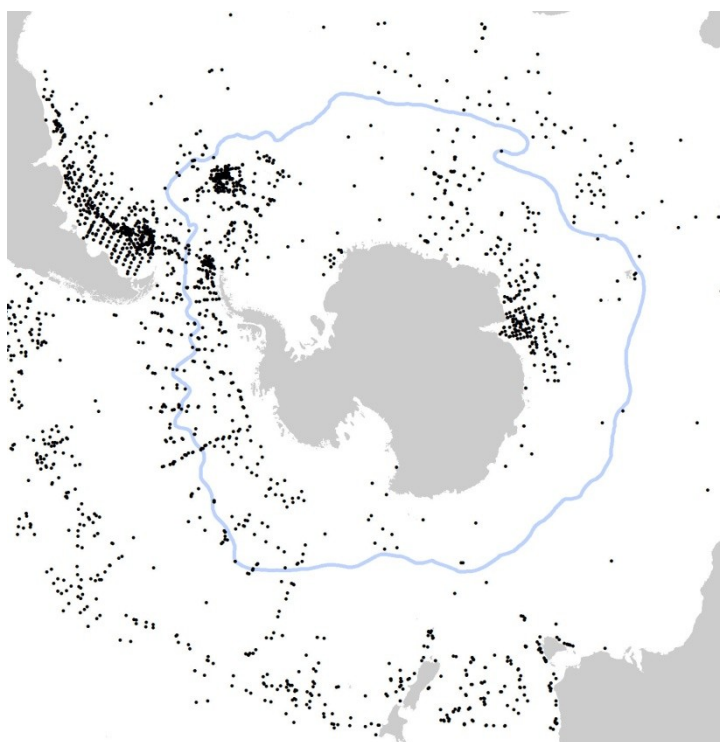


Figure 10 – Distribution of squid observations contained within Squid atlas dataset.

References

Squid atlas

Data on cephalopod species catches detailed in Xavier et al (1999) supplied to the data centre by the lead author.

Column	Data type	Remarks
FID	Char(3)	Unique Identifier
Longitude	Num (3,4)	Decimal longitude
Latitude	Num (3,4)	Decimal latitude
Species	Char	Latin species name
Depth_Min	Num(3)	Minimum depth of trawl (m)
Depth_Max	Num(3)	Maximum depth of trawl (m)
Min_Mantle_Length	Num(3)	Minimum mantle length of specimens collected (mm)
Max_Mantle_Length	Num(3)	Maximum mantle length of specimens collected (mm)
Date	Date	Date of trawl
Gear	Char	Gear type used during trawl
Count	Num	Number of specimens recorded
Cruise	Char	Cruise name
Reference	Char	Reference to original data source

References

Xavier, J.C., Rodhouse, P.G., Trathan, P.N. & Wood, A.G. (1999) A Geographical Information System (GIS) Atlas of cephalopod distribution in the Southern Ocean. *Antarctic Science*, **11**(01), 61-62