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**-RESUMO-**

O presente artigo resume um período de 15 anos de investigação e cooperação sobre recursos haliéuticos, desenvolvido em Cabo Verde desde 2003 até a data e nos próximos três anos.

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## Deep-sea fishery resources and biodiversity from Cabo Verde

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**The present work summarises a 15-year period of research and cooperation projects on fishery resources developed in Cabo Verde since 2003 to date and to the next three years.**

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*Plesionika edwardsii*



*Coloconger cadenati*



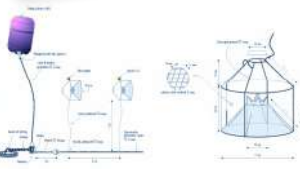
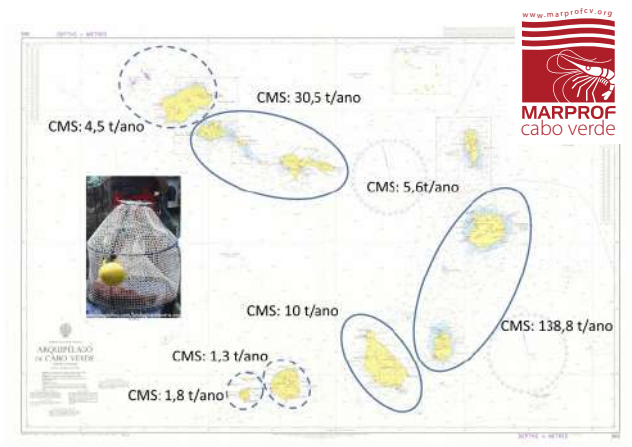
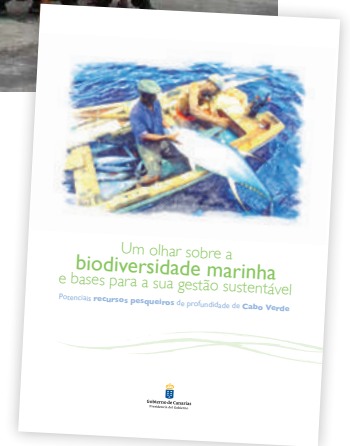
*Chaceon affinis*

### HYDROCARPO

(MAC/4.2/C5, 2003-2005) first conducted an extensive trapping prospection at 150-1000 m of depth around Boa Vista and Santiago islands. Three “new” fishery resources of commercial interest resulted: some pandalid shrimps (*Pandalidae*) (100-1000 m), the black conger (*Coloconger cadenati*) (400-650 m), and the deep-sea red crab (*Chaceon affinis*) (550-1000 m).

### BIOVERDE

(A-261/2008, 2008-2009) established some bases for the sustainability of both littoral and deep-sea Cabo Verdean fishery resources, taking into account a biodiversity-based ecosystem approach.



### PROACTIVA & PROACTIVA 2

(A-51/2009, 2009-2010) assessed the fishing potential of the striped soldier shrimp (*Plesionika edwardsii*) around São Vicente and Santa Luzia islands.

(A-44/2010, 2010-2012) executed some actions of technology transfer for the exploitation of *P. edwardsii*.

### MARPROF-CV

(MAC/3/C124, 2010-2015) focused on the evaluation of *P. edwardsii* off the islands of the Cabo Verde archipelago: a maximum sustainable yield of 192.5 tons per year was preliminary estimated for more than 1900 km<sup>2</sup> of Cabo Verdean fishing grounds between 90 and 220 m of depth. Recommendations for the official regulation of an industrial fishery were also done.





### BIOTECMAR & BIOVAL

(MAC/3/C156, 2010-2014) and BIOVAL (MAC/3/C216, 2013-2015) implemented some methodological protocols for the sustainable management of the Cabo Verdean marine biodiversity.

### MACAROFOOD & MARISCOMAC

The recently approved projects MACAROFOOD (MAC/2.3d/015, 2017-2019) and MARISCOMAC (MAC/2.3d/097, 2017-2019) are focussing on the gastronomic valorisation of Cabo Verdean, Canary and Madeiran fish products, including studies, technology transfer, prospection cruises, workshops and other promotional events for strengthening SMEs.

As a result of this corpus of research, many technical reports, contributions for congresses, and scientific, technological or informative books and peer-reviewed papers have been published.

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