Fishery and Growth of Aphia minuta off Majorca Island

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Aphia minuta or "jonquillo" is a pelagic neritic species, belonging to the family Gobiidae, captured around Majorca Island during the months of December through March by the artisanal fishery fleet. Its importance is based on the fact that it has a great acceptance on the market together with the price it reaches, and because it is one of the few specific fisheries of the winter season for the coastal fleet. The "jonquillo" is captured with a fishing-net ("jonquillero") which combines purse-seine and trawling. This species meets during the winter months forming shoals for reproductive purposes. Its pelagical habits during this period allow finding them easily using the echo sounder. They are basically found inside the bays (Palma, Pollensa and Alcudia), at bottoms between 20 and 70 meters of depth, above sand and seaweed areas (*Posidonia occanica*). In figure 1 the importance of captures of 'jonquillo' from Majorca Island in the last ten years can be observed, with

last ten years can be observe amounts that lay between 20 can be observed, with and 80



The growth parameters determined are :



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