

Resolution of the taxonomic status of Chilean and Californian jack mackerels using mitochondrial DNA sequence

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Phylogeographic reconstructions using mitochondrial DNA sequences from both the control region and the cytochrome b gene demonstrated that two disjunct populations be recognized as *Trachurus murphyi* and *Trachurus symmetricus*. The species have been isolated for at least 250 000 years. © 2004 The Fisheries Society of the British Isles.