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Current status of sharpsnout sea bream (*Diplodus puntazzo*) production; 1.3.5.1 Main species characteristics; 1.3.5.2 Production cycle; 1.3.5.3 Sharpsnout sea bream current production 1.3.6 Current status of common dentex (*D. dentex*) production 1.3.6.1 Main species characteristics; 1.3.6.2 Production cycle; 1.3.6.3 Common dentex current production; 1.3.7 Current status of red porgy (*Pagrus pagrus*) production; 1.3.7.1 Main species characteristics; 1.3.7.2 Production cycle; 1.3.7.3 Red porgy current production; 1.3.8 A comparative economic analysis on the ongrowing of blackspot sea bream, common dentex, redbanded sea bream, red porgy and sharpsnout sea bream; 1.4 Aquaculture status of Indo-Pacific species; 1.4.1 Current status of the red sea bream (*P. major*) production 1.4.1.1 Main species characteristics 1.4.1.2 Production cycle; 1.4.1.3 Red sea bream current production; 1.4.1.4 Red sea bream aquaculture in Japan; 1.4.1.5 Red sea bream restocking programmes; 1.4.2 Current status of blackhead sea bream (*A. schlegeli*) production; 1.4.2.1 Main species characteristics; 1.4.2.2 Production cycle; 1.4.2.3 Blackhead sea bream current production; 1.4.2.4 Blackhead sea bream restocking programmes; 1.4.3 Current status of sobaity sea bream (*S. hasta*) production; 1.4.3.1 Main species characteristics; 1.4.3.2 Production cycle 1.4.3.3 Sobaity sea bream current production 1.4.4 Current status of goldlined sea bream (*Rhabdosargus sarba*) production; 1.4.4.1 Main species characteristics; 1.4.4.2 Production cycle; 1.4.4.3 Goldlined sea bream current production; References; Chapter 2 Phylogeny, evolution and taxonomy of sparids with some notes on their ecology and biology; 2.1 The position of the Sparidae in the fish tree of life; 2.2 Fossil record; 2.3 The monophyly of the Sparidae; 2.4 Intrafamilial relationships; 2.5 Larval taxonomy and systematics; 2.6 Biogeography; 2.7 Biology; 2.7.1 Habitat choice 2.7.2 Reproduction

Sommario/riassunto

The Sparidae, commonly known as breams and porgies, is a family of fishes of the order Perciformes, and includes about 115 species of mainly marine coastal fish of high economic value, exploited and farmed for human consumption, as well as for recreational purposes. This landmark publication brings together a huge wealth of information on the biology and culture of gilthead sea bream and other Sparidae species. Commencing with an overview of the current status of aquaculture of Sparidae, the book continues with comprehensive coverage of the family's phylogeny, evolution and taxonomy, stress