

*Xiphophorus xiphidium*, San Carlos



Female



Male

Stock code: Sc

Phenotypes scored: Tail pattern: cut crescent (ct)

Introduction:

These fish were collected from a small spring in the Sierra San Carlos, Tamaulipas, Mexico. This stock is fixed for the allele encoding the cut crescent (ct) tail pattern. Two spots comprise this pattern: the more ventral spot appears fainter than a spot located on the dorsal edge of the tail fin. No other color patterns are scored. Occasionally, exophidic, 3-dimensional growths are associated with the tail pattern.

Sexing:

Individuals of this stock mature at a later age, about 4 to 6 months, than those of the RP strain. Fish are sexed at about 2 months of age; sex designation is then verified 2 to 4 weeks later.

Scoring:

This stock is fixed for the tail pattern ct, but presence for this pattern is scored and confirmed in fish at maturity.

Stock maintenance:

The Sc fish are maintained as a separate stock from the Ps stock. Three to four reciprocal crosses are set up to propagate each generation. The Sc fish, however, are used to maintain the Ps stock. Enough offspring must be produced (about 40 to 50 offspring) from two or more pedigrees to maintain both stocks. Sc is only used to maintain Ps every other generation and numbers can be adjusted accordingly.

Stock source:

Prof. Klaus Kallman, the New York Aquarium, 5/12/93.