

*Xiphophorus hellerii*, Cd



Female



Male

Strain code: Cd

Phenotypes scored: None.

Introduction:

The Cd stock was originally collected in the Rio Jamapa near Cordoba, Veracruz, Mexico. This stock has been maintained in the Stock Center by inbreeding for over 50 generations. Individuals of this strain are characterized by the presence of a dark brown lateral stripe, which extends from the eye to the base of the caudal fin. Cd males possess a yellow / green sword, and also display a brilliantly colored yellow dorsal fin. The gonopodium in males is also yellow.

Sexing:

The Cd stock differs from any other *X. hellerii* stocks in the unusually long time required to reach sexual maturity. Individuals in this stock may take anywhere from 6 months to one year to reach maturity. Males should be kept at low densities to expedite maturation. Individuals can be sexed at around 4 to 5 months of age.

Scoring:

No phenotypically variable traits are scored in this stock.

Maintenance:

The Cd stock has been maintained by using reciprocal crosses between pedigrees of the same generation. At least six matings should be set up for each generation since this stock has a history of low production. Fish are to be mated as soon as they become mature because they may already be one year old by this time. This stock is infamous for producing biased sex ratios. Matings should be maintained long enough to ensure production of sufficient

numbers of both sexes. Also at least one tank of males and one tank of females should be retained from the previous generation until males and females in the new generation have been positively identified.

Stock source:

Prof. Klaus Kallman, the New York Aquarium, 2/18/93.