***Ahlstrom, E. H. and H. G. Moser. Distributional atlas of fish larvae in the California current region: flatfishes, 1955-1960. Published June 1975.***

* Newly hatched larvae are 2.8 mm long
* Yolk sac larvae until 4.0 mm
* Larvae are ***slender***
* Pigment
  + outline myomeres on the tail portion of body below lateral line
  + distributed on anal pterygiophores
  + ventral margin of head and gut
  + base of caudal fin

A drawing of fish with different sizes and sizes

Description automatically generated with medium confidence

***Development of the eggs and early larvae of six California fishes- Paul L Budd 1940***

***California Department of Fish and Game Fisheries Bulletin 56***

* Four days after hatching, 3.8 mm SL (see 17).
  + Head angular, slightly pointed snout, jaws developed
  + Yolk-sac almost completely absorbed
  + **Pupils are black and pigmented.**
  + Head almost opaque
  + Melanophores are concentrated on ventral side of body, few dorsally, other scattered.
  + (bands in drawings are from chromatophores in \*live\* samples, not preserved and are probably not going to be observed.
* Drawing of 9 day larvae (18) was not fed and emaciated.
  + Shrinkage of eye in drawing is likely due to being unfed
  + Lower jaw lengthened
  + Melanophores concentrated on ventral side

A diagram of a fish

Description automatically generated with medium confidence**Fig 16**- 2.8mm right after hatching

**Fig 17**- four days old, 3.8mm

**Fig 18**- nine days old, 4.0 mm (\*\*not fed\*\*)