AGALYCHNIS CALIDRYAS DEVELOPMENTAL STAGES
(Gosner 1960, Pyburn 1963)

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GS 6-7. IRREGULAR EARLY CLEAVAGE
(0 D, MORNING)

GS 8-9. MID TO LATE CLEAVAGE (0 D)

GS 12. YOLK PLUG (1 D, MORNING)
GS 13. NEURAL PLATE
Dorsal flattening.

GS 14. NEURAL FOLDS

GS 15. CILIARY CURRENT
Neural folds closer, body elongates.

GS 16. NEURAL TUBE
Neural folds closed, gill plates distinct.

GS 17. TAIL BUD (1 D, EVENING)
Optical protruberances, body axis straight.
**GS 18. MUSCULAR RESPONSE (2 D)**
Embryo arched sideways.

**GS 19. HEART BEAT (2 D)**
Anterior gills hooked, posterior gills nubs.

**GS 20. GILL CIRCULATION (2 D)**
Gill arches extended, short branches present, scattered melanophores on head, body and tail musculature, tail fins translucent, blood pale.
GS 21.
CORNEA TRANSPARENT
(3 D)

Gills elongated, melanophores on tail fins and halfway down belly. Melanophores on iris, circle not complete, lens cloudy. No pigmentation over heart. Blood pale red.

GS 22.
TAIL FIN CIRCULATION
(3 D)

Scattered melanophores across venter at heart level, iris dark, blood red.
GS 23. Operculum formed (4 d)

Scattered melanophores on sides and belly, melanophores and a few iridophores over heart and in iris, conspicuous blood vessels in yolk sac, yolk sac rounded.
GS 23. Operculum formed (5 d)

Melanophores on sides & across belly, melanophores & dense iridophores over heart and in iris, yolk sac streamlined but undivided with blood vessels inconspicuous, some keratinization of beaks.

GS 23. Operculum formed (6 d)

Gut coils forming.