**Aidanosagitta neglecta**
(Aida, 1897)

**Phylum**  
Chaetognatha

**Order**  
Aphragmophora

**Family**  
Sagittidae

**Synonyms**  
*Sagitta neglecta* Aida, 1897

**Size**  
• Maximum adult body length 8 mm, tail 26-30% of body length

**Genus notes**  
• Lateral fins completely rayed, rays almost at right angles to body wall  
• Intestinal diverticula present, but hard to see  
• Seminal vesicles generally situated behind posterior fins, usually apart from tail fin  
• Tail segment relatively long

**Species notes**  
• Body firm, opaque, slender  
• Head narrow but rounded  
• Hooks not serrated  
• Fin bridge absent  
• Anterior fins start close to the ventral ganglion; of medium length, fully rayed, rounded  
• Posterior fins of medium length, fully rayed, rounded  
• Long, narrow collarette  
• Large eyes, with star-shaped pigment spot  
• Seminal vesicles with knob and trunk touching; or close to posterior fins but separated from tail fin  
• Ovaries long, reaching to neck region  
• Ova large

**Distribution**  
• Epipelagic  
• Indo-Pacific between 30°S and 30°N

**Ecology**  
• Opportunistic predators that detect prey by sensing their movement, e.g. beating motions of larvaceans  
• Will feed on other chaetognath species  
• Exhibits diel vertical migratory behaviour

**Source**  
Alvarino (1967)  
Conway (2003)  
Gibbons pers. comms. (2012)  
Lie et al. (2012)  
Marine species identification portal (2011)

(Full reference available at http://www.imas.utas.edu.au/zooplankton/references)
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- **Phylum**: Chaetognatha
- **Order**: Aphragmophora
- **Family**: Sagittidae

Preserved specimen
Yongala
Queensland

**Key Features**
- **Eyes**
- **Gut diverticula**
- **Collarette**

Compiled: C. H. Davies & A. S. Slotwinski 2012
Verified: M. J. Gibbons 2013 (preliminary)