Five steps to aging your squid.

Following Lipinski and Underhill, 1995; adapted for Dosidicus gigas.

I  Juveniles: Cannot tell male or female.  
    Nidamental glands hard or impossible to see.  
    Can tell testes (compact) from ovary (sack of grapes).

II Females: Nidamental glands, translucent or white.  
           Oviduct is not distended  
           Males: Spermatophoric sack is small.

III Females: Nidamental gland white and broad.  
            Oviducal gland is tiny  
            Oviducts have no eggs  
            Ovary is transparent -> getting yellow  
            Males: no spermatophores in spermatophoric complex, but can differentiate all parts.

IV Females: few eggs in oviducts of yellow-brown ovary  
           Orange ripe eggs in oviducts  
           Males: few sperm in spermatophoric complex

V Females: Oviduct is full of orange eggs  
           Ovary is yellow  
           Males: spermatophoric complex full of spermatophores

VI Spent, Unai has never seen this