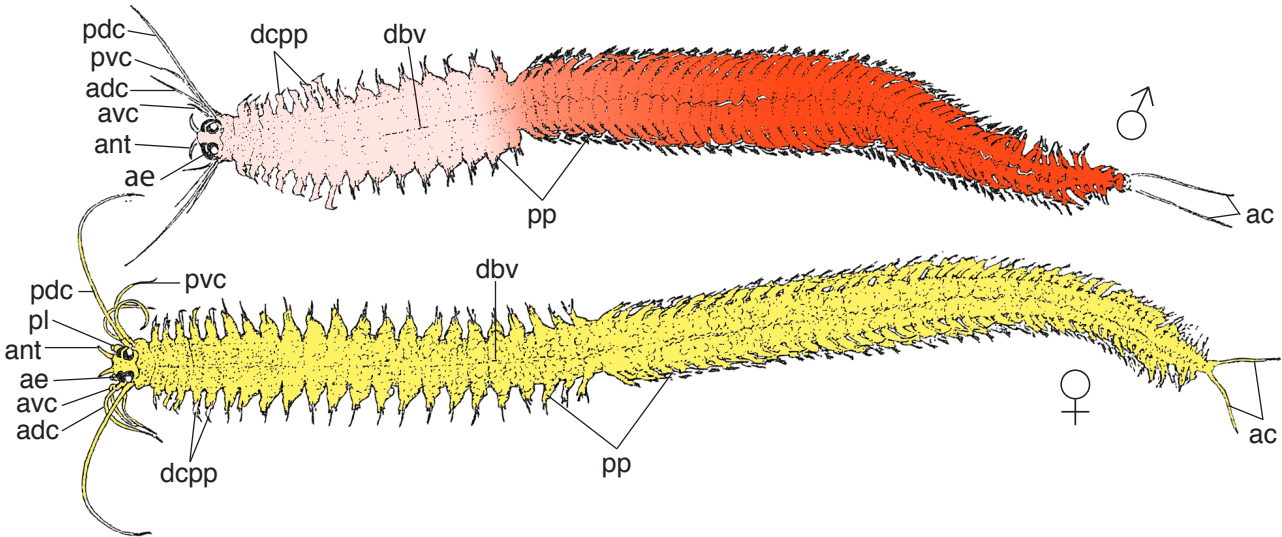




Sexual metamorphosis (from the stop of food uptake until animals are ready to leave their tubes and start swarming)

Animals stop food uptake. Increased eye size. Subdivision of the trunk into two parts with different shapes of parapodia and change body colour. The worms still remain in their tubes.

Part of the chromatophores degenerates inside the body. Maturing females yellow and maturing males white (anterior) and red (posterior). Posterior parapodia flattened and develop paddle-like chaetae. Major parts of the musculature degenerate and new muscle type for rapid swimming develops.

(drawings modified after Hauenschild & Fischer 1969).