

**L-Ovothiol A: The Egg Release Pheromone
of the Marine Polychaete *Platynereis
Dumerilii*: Annelida: Polychaeta**

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Sex pheromones, released with the coelomic fluid by male *Platynereis dumerilii* initiate egg release in swarming females. The egg release pheromone, isolated from the coelomic fluid of sexually mature males, was identified as L-Ovothiol A, which was found in male marine invertebrates for the first time. Isolation was obtained by reversed-phase high-performance liquid chromatography in the biologically inactive disulfide form.