

Bilan energetique de la population de coque (Cerastoderma edule) en baie de Saint-Brieuc, Manche Ouest



During one year, from March 1988 to June 1989, the intertidal population of *Cerastoderma edule* in the Bay of Saint-Brieuc, is investigated. Physiological measurements (ingestion, egestion, respiration and excretion) are monthly carried out in laboratory. We observe that reproductive metabolism influences the results. The energy budget of this cockle population, based on a biomass and production estimate for a 15 x 10 super(6) sq.m. area, is calculated and discussed.

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