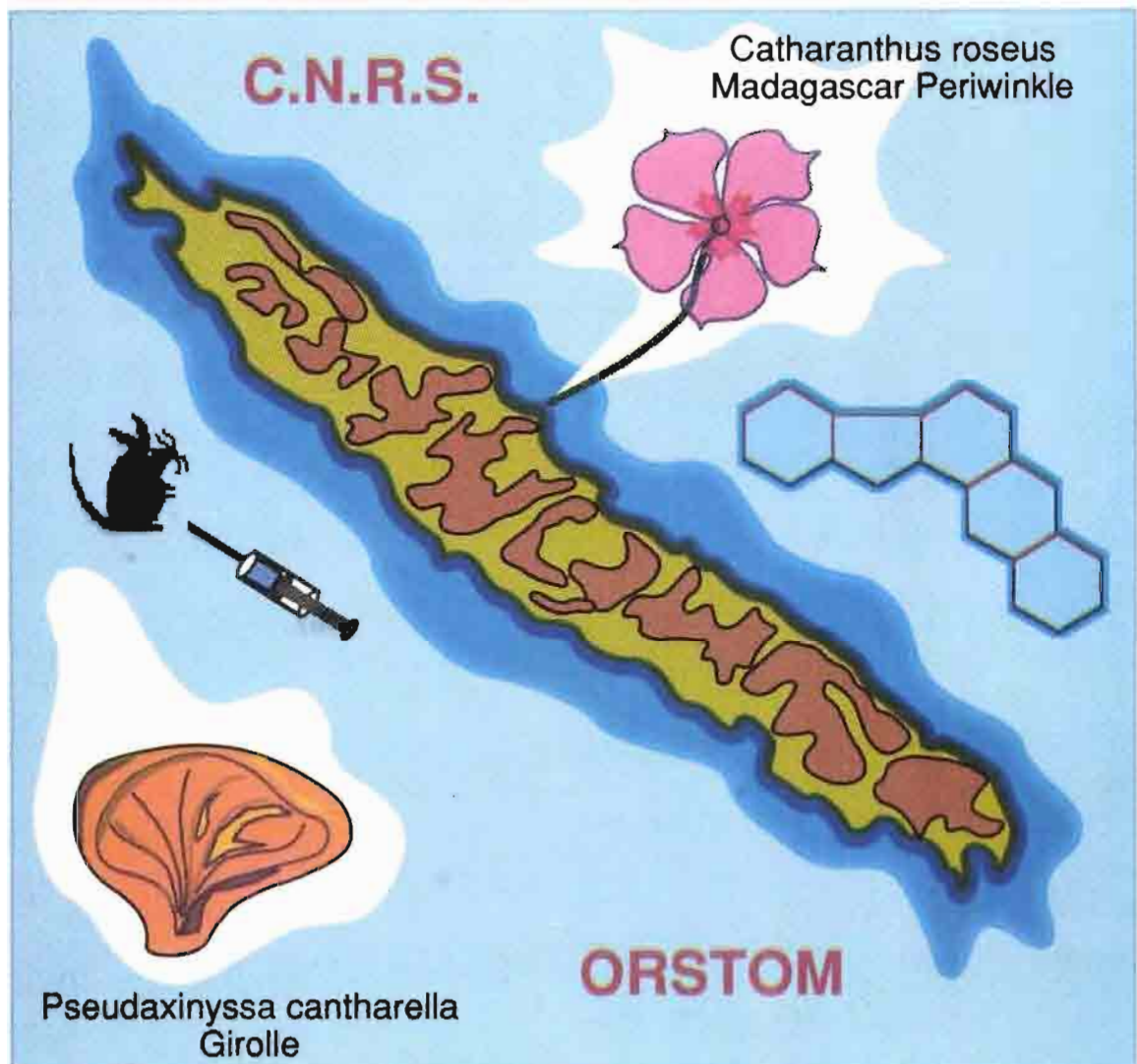


A method for the evaluation of marine extracts toxicity for the coffee berry borer : *Hypothenemus hampei*

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Hypothenemus hampei is the major pest of coffee worldwide. It is a pest exclusively of coffee berries. Apart from dispersive flight by adult females, all the life cycle of *H. hampei* is passed inside the coffee bean. Very few insecticides are available for the control of this pest due to the cryptic nature of its life cycle. High level of endosulfan (the most active synthetic pesticide) resistance in *H. hampei* was discovered in New Caledonia (Brun et Ruiz, 1987) following outbreak of the pest in all major coffee growing regions of the East Coast of the island. The recent development of an artificial media for rearing this pest has allow preliminary investigations of toxicity of extracts of marine organisms collected during SMIB program (Substances Marines d'intérêt Biologique) oceanographic campaigns.



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