

THE EFFECT OF TAR ON SETTLING OF THE BARNACLE *BALANUS AMPHRITRITE*

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CONTENTS

	Page
Abstract	1
I. Introduction	1
II. Materials and Methods	2
III. Results	2
IV. Discussion	6
V. Conclusions	7
Acknowledgements	7
References	7

ABSTRACT

The present experiment was to determine the antifouling property of fresh tar on *Balanus amphirrite* (Darwin) settlement. Wood panels treated and untreated with tar were suspended at an intertidal level, similar experiment was conducted at a subtidal level. The number of *B. amphirrite* settled on these panels were counted weekly. The results showed that fresh tar covered wood surface reduced the settlement of *B. amphirrite* by 40-60% over a four-month experimental period. The experiment was conducted during the southwest and northeast monsoons. The factors of tidal level, the variation in density and the size diversity were also tested.