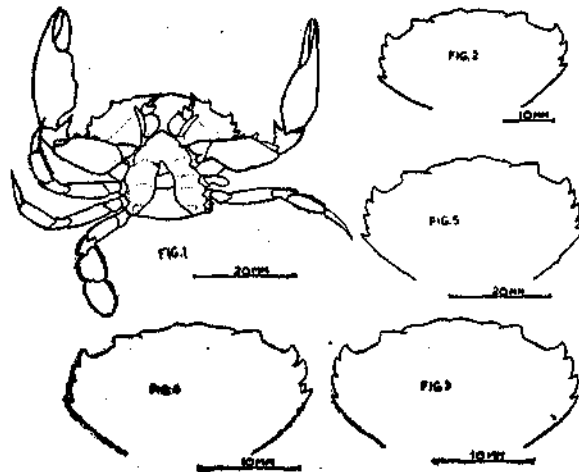


**A NOTE ON THE ABNORMALITIES IN *THALAMITA INTEGRATA*  
DANA**

Among a large number of specimens of the above species collected from Paik Bay, near Mandapam, some showed abnormalities, most important among them being the total absence of a walking leg from the right side (Fig. 1).



The study of the number of hairs on the different walking legs has given the clue for fixing the missing leg as the second.

The segment of the chelipeds and that of natatory legs lie almost symmetrically, whereas thoracic segments of the right side are broader than those of the left to compensate for the loss of one segment on the right side. The penultimate segment of the abdomen of the same specimen has unequal sides (right side shorter than the left), hence the tip of the end segment is directed towards the right side. Further a triangular depression is seen on the sternum on the right hand side of the middle of the end segment of the abdomen.

The total absence of one leg from the right side appears to be congenital.

Another abnormality noted in some specimens was the absence of some of the antero-lateral teeth. They are shown in Figures 2, 3 & 4. Figure 5 represents the carapace of a normal animal.

*Central Marine Fisheries Research Station,  
Mandapam Camp.*

C. SANKARANKUTTY