

MARINE GIANT BLACK TIGER SHRIMP (*PENAEUS MONODON*): IMPORTANCE OF AQUACULTURE, PROBLEMS AND IMMEDIATE REMEDIES

KUNTAL MUKHERJEE* AND NRIPENDRANATH MANDAL*#

*Shrimp aquaculture is one of the most economically important industries all over the world, including India. White spot disease caused by white spot syndrome virus (WSSV) possesses major problems that result in huge economic losses world wide in shrimp aquaculture. Despite serious efforts to control it the disease continues to damage the industry. It is a big challenge for the researcher to overcome the problems that finally hamper the industry. Very little information is known about the genome sequences and the molecular genetics of the shrimp. For the first time we have developed a microsatellite DNA marker to identify disease resistant *Penaeus monodon* that will be very useful to generate disease free brooders for this aquaculture. Finally this will prevent the huge economic destruction of the industry.*
