

# Actinopyga mauritiana - EMAE-COOK-REEF\_2014-05

The selected data includes **34 habitat zone(s)** of the study area ( **16.23 km<sup>2</sup>**). The field census occurred from 13/05/2014 to 17/05/2014. **207 transects** are considered in the results below.

Zones : Z001 ; Z002 ; Z003 ; Z004 ; Z005 ; Z006 ; Z007 ; Z010 ; Z011 ; Z016 ; Z017 ; Z018 ; Z019 ; Z020 ; Z021 ; Z022 ; Z023 ; Z024 ; Z025 ; Z026 ; Z027 ; Z028 ; Z029 ; Z030 ; Z031 ; Z032 ; Z033 ; Z034 ; Z035 ; Z036 ; Z038 ; Z039 ; Z041 ; Z042 ;

## Reference indicators for all individuals

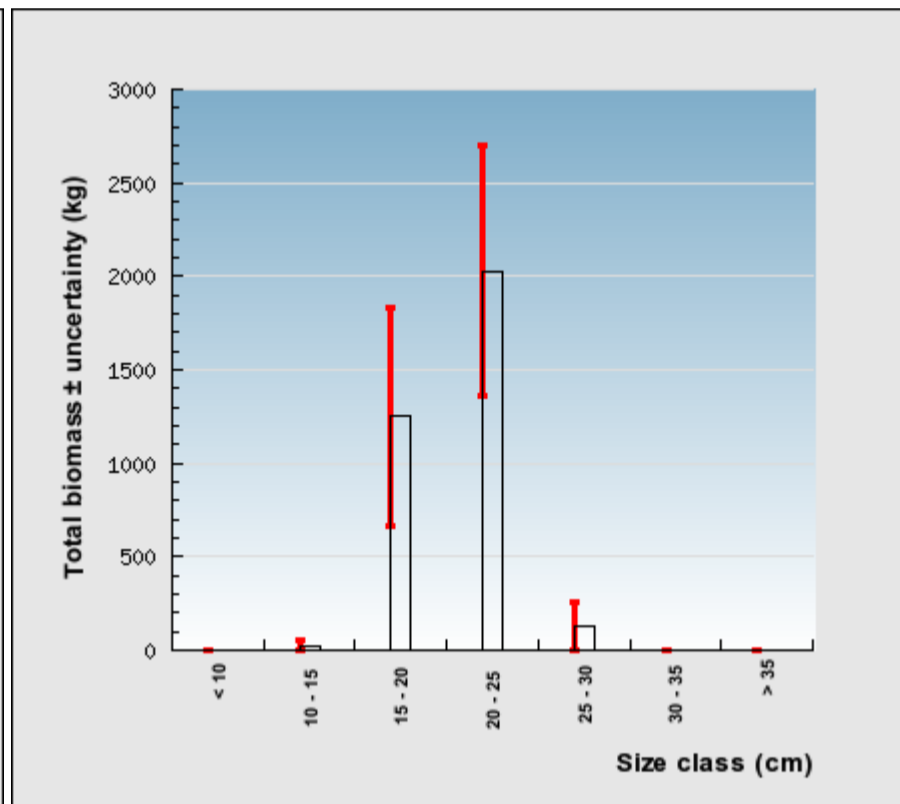
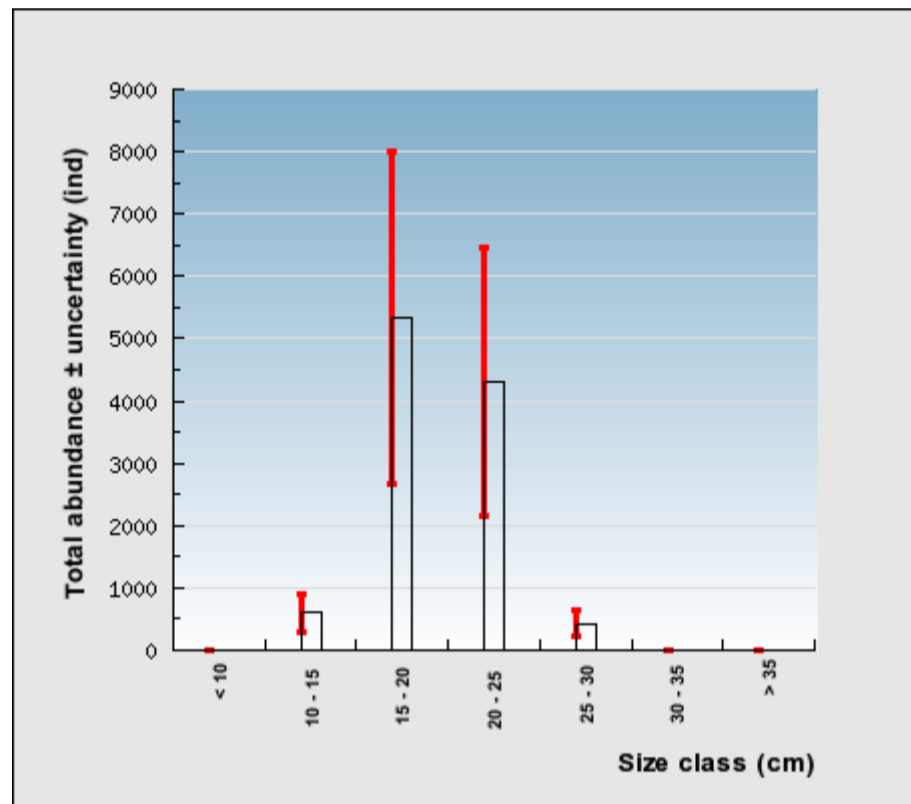
Reference indicators include biomass, abundance and density estimates.

The conservative stock biomass of all individuals is **1084 kg** (wet) and the conservative total abundance is **3577 individual(s)**. This wet biomass is equivalent to **542 kg** of gutted and salted products, and **65 kg** of dried products (bêche-de-mer).

The conservative mean density estimate of all individuals is **2 individual/ha** and **0.7 kg/ha** over the selected habitat zones .

The above estimates incorporate measure uncertainty that is attributable to survey method and heterogeneous resource distribution over the survey site.

## Size structure of the whole stock of Actinopyga mauritiana



## Size distribution of observed sea cucumbers (n=44)

