

Holothuria scabra - BAIE-DE-NOUMEA_2008-06

The selected data includes **7 habitat zone(s)** of the study area (**2.03 km²**). The field census occurred from 05/06/2008 to 05/06/2008. **21 transects** are considered in the results below.

Zones : Z001 ; Z002 ; Z003 ; Z004 ; Z005 ; Z006 ; Z010 ;

There are too few transects in the selected zones to accurately calculate estimate uncertainty due to the heterogeneous spatial distribution of the resources over the study site. It is therefore suggested to perform the statistical analysis using a larger sample size, i.e., including more habitat zones.

Assessment results are available in the CSV files. Great care should be taken to avoid misinterpretation given the above statistical issue.

Biological interpretation

Legal-sized individuals (200 mm) represent **29 % of the total stock biomass**. This low proportion is attributable to the common observation of small individuals in the survey compared to adults (see charts below) and is indicative of local recruitment. **Resources may be harvested following the recommended TAC (see table).**

Total stock estimates for Holothuria scabra

(all sizes)	24.066 t ± 13.871 t
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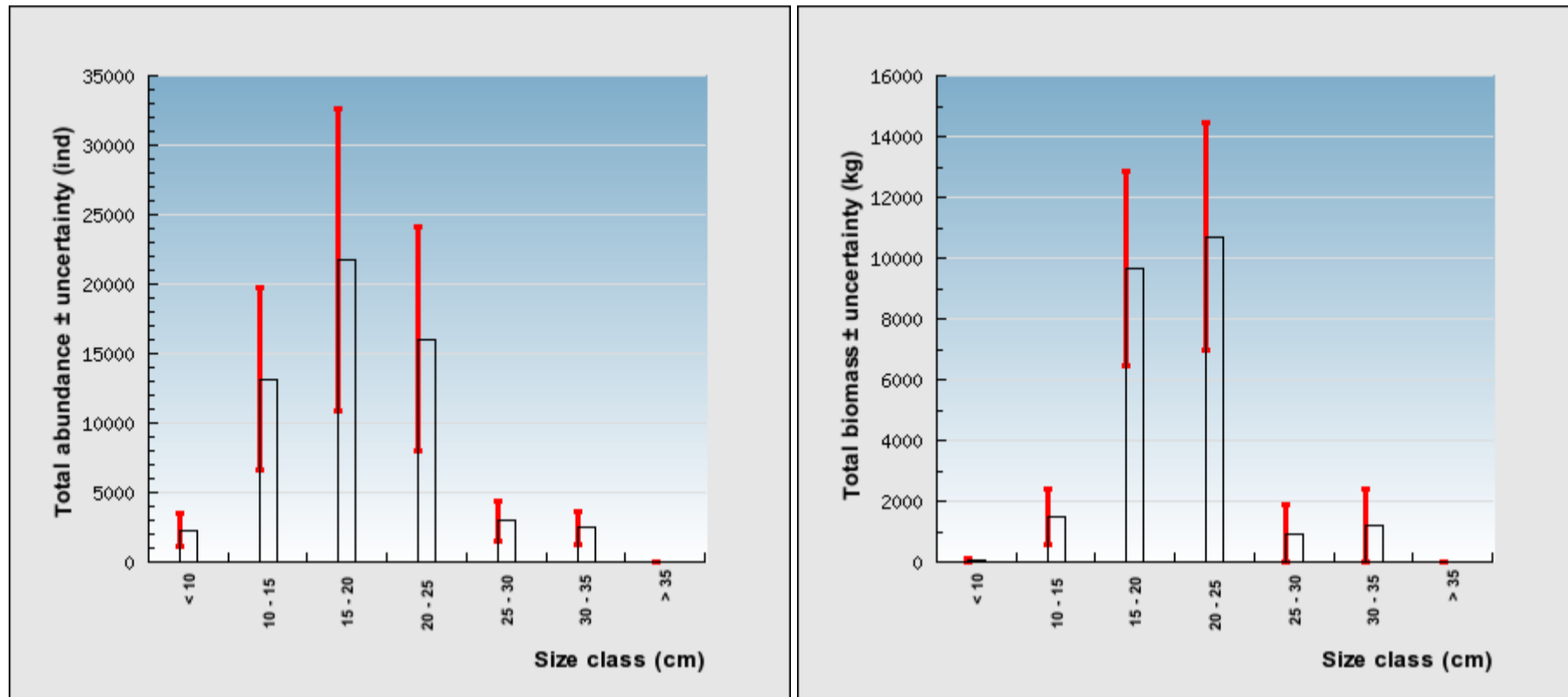
Recommended TAC (Total Allowable Catch, or quota) of legal-sized individuals (200 mm) :

Fresh/wet products	2.998 t
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Salted and gutted products	1.499 t
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Dried products (bêche-de-mer)	0.15 t
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Size structure of the whole stock of Holothuria scabra



Size distribution of observed sea cucumbers (n=153)

