Abalone *Haliotis asinina* collection and trading in Palawan, Philippines

Lota A. Creencia, Adzel Adrian G. Baldevieso, Jay Ann B. Tisoy, Janice T. Gabuco, Gina Lodonia and Norman C. Sala

College of Fisheries and Aquatic Sciences
Western Philippines University
Puerto Princesa City, Palawan, Philippines 5300
e-mail: lotacreencia@gmail.com; adzelbaldevieso@gmail.com
INTRODUCTION

Abalone (*Haliotis asinina*)

- High value seafood
- Shell implements, decoration
- Medicine - “Tambalan” communities in Sangat Island, Palawan
INTRODUCTION

- Philippines
  - one of the principal producers of wild caught abalone in the world market

- Palawan
  - Among top producing province
OBJECTIVES

1. **Describe the demographic profile** of the collectors and traders

2. **Describe the history** of collection and trading

3. **Estimate the volume** of collected and traded abalone in:
   - Bgy Tagbueros, Puerto Princesa City,
   - Johnson Island
   - Green Island, Roxas, Palawan.
METHODOLOGY

- Survey method
- Personal interview
RESULTS
Collectors

- 37 individuals in JI
- 21 individuals in GI
- 32 individuals in TS

- Almost all were males (96.67%)
- 21-30 years old (56.67%)

Educational attainment

- elementary (56.67%)
- high school (41.11%)
HISTORY OF COLLECTION

• TS - started in 1990
• JI – 1999
• GI - 2005
• *Haliotis asinina* – *sp* collected
TRADING PROFILE

Traders

• 12 in TS
• 5 in RS
• Majority was female (64.71%)
• married
• 21-40 years old

Educational attainment

– high school (52.94%)
– college (29.41%) levels
Trading started on

• 1990s for TS
• 2009 for RS
Volume of collection

Year

Kg/day

1990-1995
1996-2000
2001-2005
2006-2013
2011-2012
Wold’s Abalone production

Cook and Gordon 2010
Johnson island
Green island
Tagburos

kg/day

Catch volume

Area
Number of traders

- 2001-2005: Bgy. Tagburoos
- 2006-2010: Bgy. Tagburoos, Roxas
- 2011-2012: Bgy. Tagburoos, Roxas
Pricing of abalone meat

• Steamed:
  – large (6.60 cm and above) - Php 540/kg,
  – medium (6.35 - 6.59 cm) - Php 470/kg
  – small (4.80 – 6.34 cm) - Php 440/kg

• Fresh:
  – large (6.35 cm and above) - Php 320/kg
  – small (4.80 – 6.34 cm) - Php 200/kg
Live and dried abalone product shipments from Palawan
• There are indications that the collection and trading of abalone *Haliotis asinina* in Puerto Princesa City and Roxas Palawan has reached crucial level with decreasing catch per unit effort.
RECOMMENDATIONS

• Establishment of closed seasons for abalone collection

• Dissemination of knowledge on ecology of abalone
  – to manage, protect, and conserve abalone population in the wild.

• Production through mariculture
THANK YOU