

**Appendix 1:** Questionnaire to collect data on historical and present utilization of fishery resources.

**GENERAL BIO-DATA**

Code\_\_\_\_\_ Date\_\_\_\_\_ Location\_\_\_\_\_

1. Age/date of birth\_\_\_\_\_ 2. Gender: F  M

3. Place of birth \_\_\_\_\_ Current place of residence \_\_\_\_\_

When did you move?\_\_\_\_\_

4. Occupation: Boat owner  Skipper  Crew  Retired/when\_\_\_\_\_

Other\_\_\_\_\_

Did you change occupation? Yes  No

Do you do other jobs besides fishing? \_\_\_\_\_

Education (formal) level\_\_\_\_\_

How long have you been in fishing (start - end?)\_\_\_\_\_

How many generations has your family been in fishery? (Circle one) 1 2 3 4 >4

Number of family members involved in fishing?\_\_\_\_\_

Any interruption in your fishing career, when and for how long?\_\_\_\_\_

Interviewer's remarks
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**EFFORT DATA**

Code\_\_\_\_\_

Crew size\_\_\_\_\_

Boat: Type: Sambuk  Huri  Other\_\_\_\_\_

Size\_\_\_\_\_

Engine: Inboard  Outboard  HP\_\_\_\_\_

Gears: Gill net

Gill net dimensions\_\_\_\_\_ Mesh size\_\_\_\_\_

Average No. of nets used per setting:\_\_\_\_\_

Hook and line

No. of hooks per line?\_\_\_\_\_ Hook size\_\_\_\_\_

Do you use circle hooks: Yes  No

How many people are directly involved in handlining?\_\_\_\_\_

What bait do you use?\_\_\_\_\_

How do you get the bait?\_\_\_\_\_

How long, on average, did it take you to go to the fishing ground?

Present\_\_\_\_\_ Past\_\_\_\_\_

*How long was a single trip (average or range in days?)*\_\_\_\_\_

Anything else you would like to tell?

Interviewer's remarks
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**CATCH DATA**

Code \_\_\_\_\_

The best catch ever you recall:

Kg \_\_\_\_\_

Boxes \_\_\_\_\_ Size of box (kg) \_\_\_\_\_

Sacks \_\_\_\_\_ Size of sack (kg) \_\_\_\_\_

Number: Species 1 \_\_\_\_\_ Length (average or range in cm) \_\_\_\_\_

Species 2 \_\_\_\_\_ Length (average or range in cm) \_\_\_\_\_

Species 3 \_\_\_\_\_ Length (average or range in cm) \_\_\_\_\_

Species 4 \_\_\_\_\_ Length (average or range in cm) \_\_\_\_\_

Estimate of all other minor species (kg) \_\_\_\_\_

Other units \_\_\_\_\_

Size of largest fish ever caught (cm) \_\_\_\_\_ Species \_\_\_\_\_

Effort of best catch recalled:

Crew size: \_\_\_\_\_ Trip length (days) \_\_\_\_\_

Average/typical catch rate when you started fishing \_\_\_\_\_

Average/typical catch rate at the moment (in the same unit as previous question) \_\_\_\_\_

Anything else you would like to tell?

Interviewer's remarks
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