

Topic checklist for selection of case study sites

Date of interview / /

A. RESPONDENT INFORMATION

Last name _____ First name _____

Position in village _____

Address _____

Village _____

District _____

Province _____

B. LIVELIHOODS ACTIVITIES AND ROLE OF GROUPER CULTURE

1. How many households are there in the village? _____
 2. How many of these households raise grouper? _____
 3. When did the first person in the village begin to raise grouper? _____ year/ years ago
 4. Why did people begin to raise grouper in the village? _____
-

5. What other activities do the villagers do to raise income? Please tick all that apply.

- | | |
|--------------------|--------------------|
| Fishing | Process fish |
| Factory work | Livestock |
| Labour | Rubber plantation |
| Shop trading | Neepa plantation |
| Food trading | Produce cigarettes |
| Fish trading | Grow food crops |
| Make food products | Restaurant |
| Fish culture | Shrimp culture |
| Culture – other | |
| Other _____ | |

6. Which are the five most important activities? (Rank 5 = most important) Please indicate on list above.

7. What is the average income of villagers? Express as proportion of total, or indicator i.e most, few.

- < 5000 B per month _____
- 5000-10000 B per month _____
- 10000-20000 B per month _____
- 20000-30000B per month _____
- 30000-50000 B per month _____
- > 50000B per month _____

8. In what type of culture system do villagers raise grouper? Cage _____ units
(Give approximate number of units in village) Pond _____ units
Net pen _____ units

9. If ponds are used, what is their origin?

- Shrimp farm
- Mud crab
- Grouper
- Other

10. Where are culture systems located?

- Lagoon _____
- Klong _____
- Open coast _____
- Inland (ponds) _____

11. What is the respondents opinion of the water quality of the culture environment ?

- Good
- Bad
- OK
- Don't know
- Variable

12. What is the average number of units per household? _____cages_____ponds

13. What is the largest number of units owned by one household?_____

14. Has the number of households raising grouper increased, decreased, shown no change since people began to raise grouper in the village?

- Increase
- Decrease
- No Change

15. When was the highest level of grouper production in the village? _____ cages/farms

16. If production has decreased, why has this happened?

1 _____

2 _____

3 _____

17. How important is grouper raising to the community? Agree or disagree with the following statements.

| | AGREE | DISAGREE |
|--|-------|----------|
| a. Raising grouper is important for the whole community | A | D |
| b. Most people in the community are able to participate in raising grouper | A | D |
| c. Most people in the community cannot participate in grouper culture | A | D |
| d. Raising grouper is an activity that only the wealthy people in the village can do | A | D |
| e. Poor people cannot raise grouper | A | D |
| f. Raising grouper provides a daily income | A | D |
| g. Raising grouper provides a form of saving | A | D |
| h. Other activities are more important to the community than raising grouper | A | D |

C. CULTURE PRACTICE

18. Which species do people raise in the village? Please indicate relative proportions of each species raised (%).

1 _____

2 _____

3 _____

19. Which species did the villagers raise when fish culture began? _____

20. What size of fish are stocked? _____

21. What size are fish harvested? _____

22. Where do farmers obtain feed for their fish? (eg in the village, another province)

1 _____

2 _____

3 _____

23. Price of feed (B/kg) Min _____ Max _____

24. Quantity of required per feed day (kg) _____

25. Where do farmers obtain grouper seed for culture?

1 _____

2 _____

3 _____

26. Which is the most common source of fry? _____

27. Cost of fry to buy (Indicate whether from fishermen or middleman)

Species _____

1 inch _____ B

4-5 inches _____ B

6-7 inches _____ B

8-9 inches _____ B

kilo fish _____ B

28. Value of fish at sale

Species _____ B/kg _____ per Fish _____

Species _____ B/kg _____ per Fish _____

Species _____ B/kg _____ per Fish _____

29. Who do farmers sell their fish to? _____

30. What are the main problems with grouper culture? (Most important first)

1 _____

2 _____

3 _____

4 _____

5 _____

31. What involvement does the DoF have in fish culture in the village? Please tick all that apply.

Give advice

Take water/fish samples

Provide materials for system construction

Provide fry

Loan

No assistance

32. Have villagers received loans to help them to invest in grouper culture?

33. What are the main constraints to participation in grouper culture in the village?

1 _____

2 _____

3 _____

4 _____

5 _____

D. FISHING ACTIVITY

34. Do people in the village fish for fry? Y/N

| | | |
|----------------------|------------------------------|-----|
| 35. Fry availability | Grouper fry are plentiful | Y/N |
| | We can catch grouper fry | Y/N |
| | Grouper fry are hard to find | Y/N |

36. Status of grouper fry stocks (Please tick one)

Grouper fry have decreased over the years

Grouper fry have increased over the years

There has been no change in the number of grouper fry

37. How many people in the village fish for grouper fry?

Most people in the village fish for fry

Some people in the village fish for fry

Few people in the village fish for fry

No one in the village fishes for fry

38. People who fish for fry do so:

Primarily to stock their own cages

To sell to people in the village

To sell to middlemen

39. Grouper fry fisher livelihoods

Fry fishing is the most important source of income for many fishers

Fry fishing is a supplementary income for most fishers

Fry fishing is not an important source of income for most fishers

40. Type of fishing gears used for all target species by villagers (please list most common first)

1 _____

2 _____

3 _____

4 _____

41. Do any of these gears catch live grouper _____

(size, species?)

Dead grouper _____

trash fish _____

42. What is the most common species of grouper caught? _____

43. What is the most common size of grouper caught? _____