

**Human Social Dynamics Project: Household Demography and Census 2012**

1. Date (mm/dd/yyyy): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Interview #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. HH Code:
4. GPS Wpt: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Interviewer Name (Code): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I. Household Membership**

1. Head of household male (HoHM) name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Head of household female (HoHF) name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Marital Status/History *(include previous marriages)*:

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | HoHM | HoHF |
| **8a** | Single |  |  |
| **8b** | Union/Engaged (date) |  |  |
| **8c** | Married (date) |  |  |
| **8d** | Divorced/Separated (date) |  |  |
| **8e** | Remarried (date) |  |  |
| **8f** | Widowed (date) |  |  |

1. Persons that form part of the household *(****include deceased****)*:

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9a, b** | **9c** | **9d** | **9e** | **9f** | **9g** | **9h** | **9i** | **9j** | **9k** | **9l** | **9m** |
| **Name**  **(M or F)** | **Date of birth** | **Place of birth** | **Date of death** | **Relation to HoHM** | **Religion** | **Marital status** | **Ethnic background** | **Employment** | **Currently helping with farm work**  **(Y or N)** | **Languages you speak** | **Level of Edu** |
| HoHM |  |  |  | ………… |  | …………. |  |  |  |  |  |
| HoHF |  |  |  |  |  | …………. |  |  |  |  |  |
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**(Codes)**

**Relationship to HoHM:** Mo-mother, Fa-father, Br-brother, Z-sister, S-son, D-daughter, MB-mother’s brother, MZ-mother’s sister, FB-father’s brother, FZ-father’s sister. FBS-father’s brother’s son, FBD-father’s brother’s daughter, FZS-father’s sister’s son, FZD-Father’s sister’s daughter, MBS-mother’s brother’s son, MZS-mother’s sister’s son, MBS-mother’s brother’s son. MBD-mother’s brother’s daughter. Other: W-wife, H-husband (e.g. SW-son’s wife, DH-daughter’s husband). ADOP-adopted. NR-not related (friend, acquaintance).

**Employment (in the last year):** FWSC (farm work in Santa Cruz), FWO (farm work outside the village), CONST (construction), CRNMLL (corn mill rotations), ARC (Archeology), TOUR (Tourism)

**Language:** MOP-Mopan, KEQ-Keqchi, ENG-English, SPA-Spanish, O-other (number by maiden language and those used most often).

**Place of Birth:** SC-Santa Cruz, GUAT-Guatemala, SANANT-San Antonio, TOLE-Another village in Toledo, STNCRK-another village in the Stann Creek district, CYO-Cayo, CORZ-Corozal…

**Religion:** CAT-catholic, BAP-Baptist

**Education:** PRIM-primary, HS-high school, SEC-secondary, NONE-no schooling

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**10.** Do you or any member of your household have a disability or illness that makes it difficult to work or attend school?

**II. Migration and Emigration**

1. Has anyone in your household left Santa Cruz: Yes or No *(If yes proceed to filling out table below)*

|  |  |  |  |
| --- | --- | --- | --- |
| **11a Name** | **11b Purpose** | **11c Departure Date (mo:yr)** | **11d Destination** |
|  |  |  |  |
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|  |  |  |  |
| **11a Name** | **11b Purpose** | **11c Departure Date (mo:yr)** | **11d Destination** |
|  |  |  |  |
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**(Codes)**

**Purpose:** W-wage, I-illness, M-marry, LS-legal status, S-study, O-other

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1. Have they returned to Santa Cruz to stay permanently: Yes or No

12a. Date of return (mo:yr):

12b. Duration (*from above response*):

*(Only ask if family was not born in Santa Cruz village)*

1. When did you or your family come to Santa Cruz:

13a. Date of arrival (mo:yr)

*(Only ask the oldest family of each main family)*

1. From your family what sisters or brothers left Santa Cruz village?

|  |  |
| --- | --- |
| **14a, b (M or F)** | **14c** |
| **Name** | **Date of departure (mo:yr)** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. Do you or any member of your household plant to leave Santa Cruz village in the next year? Yes or No

**15a.** When (mo:yr):

**15b.** Destination:

**15c.** Purpose: W-wage, I-illness, M-marry, LS-legal status, S-study, O-other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Education**

1. Is anyone in the household currently enrolled in primary, secondary (high school), or University? Yes or No

|  |  |  |  |
| --- | --- | --- | --- |
| **16a** | **16b** | **16c** | **16d** |
| **Name** | **Level** | **School Name** | **Funding Type** |
|  |  |  |  |
|  |  |  |  |
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**Funding Type:** GOV (sponsored by the government), FAM (family sponsored), PRVDN (private donor), OTHR (other)

**IV. Household Wealth**

1. Where do you get your water *(check more than one if necessary)*:

**17a.** \_\_\_\_\_ Pipe

**17b.** \_\_\_\_\_ Water pump

**17c.** \_\_\_\_\_ Kuxlin ha (natural spring)

**17d.** \_\_\_\_\_ Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Does your household have a latrine? Yes No

**18**. Do you share? Yes No

1. **Do you own any of the following animals or items:**

(*Ask how many of the following domestic animals each household owns at the time of the survey, how many have died, have been consumed for home use or special events, or have been sold in the last 6 months.)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **19a** | **19b & 19c** | | | **19d-f** | | | **19g** |
| **Animals** | **Current Amount** | | | **In the last 6 months what is the number of animals that have…** | | | **Additional Notes** |
| **Total** | **Female** | **Male** | **Died** | **Consumed** | **Sold** |
| Dogs (if any complete section IV) |  |  |  |  | …………… |  |  |
| Horses |  |  |  |  | ……………. |  |  |
| Pigs |  |  |  |  |  |  |  |
| Chicken |  |  |  |  |  |  |  |
| Chicks |  |  |  |  |  |  |  |
| Turkey |  |  |  |  |  |  |  |
| Cats |  |  |  |  | X………… |  |  |
| Ducks |  |  |  |  |  |  |  |
| Bee hives |  | …………. | ……………. |  | ………….. |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19h** | **19i** | | | | **19j** | | | |
| **Durable Goods** | **Amount** | | | | **Additional Notes:** | | | |
| Solar panel |  | | | |  | | | |
| Generator |  | | | |  | | | |
| Radio |  | | | |  | | | |
| Cell phone |  | | | |  | | | |
| Computer |  | | | |  | | | |
| Television |  | | | |  | | | |
| Cement floors |  | | | |  | | | |
| Zinc house |  | | | |  | | | |
| Chemical pump |  | | | |  | | | |
| Vehicles *(bikes and car)* |  | | | |  | | | |
| Gas stove |  | | | |  | | | |
| Machete |  | | | |  | | | |
| Machete File |  | | | |  | | | |
| Chemicals/Herbicides | **(# of bottles)** | | | | *If he used or still have* | | | |
| Beds |  | | | |  | | | |
| Hammocks |  | | | |  | | | |
| Car battery |  | | | |  | | | |
| Aluminum cooking pots |  | | | | *To whom she ask borrow?* | | | |
| Number of houses |  | | | |  | | | |
| Axe |  | | | |  | | | |
| Other: Tools |  | | | | *Hammer, shovel, pick, screwdrivers, (coded), hole maker* | | | |
|  |  | | | |  | | | |
|  | | | | | | | | |
| **Business and Services** | | | | | | | | |
| Business/Shop | **20a. Amount:** | | | | | | | **20d.** Top items for sale (list): |
| **20b.** Start date: | **20c.** End date: | | | | | |
| Chain saw | **21. Amount:** | | | | | | |  |
| **21a.** During the last 6 months did you hire someone to cut lumber for you? | | | **21b. How many times:** | | | |
| **21c.** During the last 6 months did anyone hire you to chop lumber? | | | **21d. How many times:** | | | |
| Gun | **22a. Amount:** | | | | | | |  |
| **22b**. In the last month did you pay anyone to borrow their gun? | | **22c. How many times:** | | | | |
| **22d.** Did anyone pay you to borrow your gun? | | | **22e. How many times:** | | | |
| Corn mill | **23. Do or did you work in the corn mill? Yes or No** | | | | | | |  |
| **23a.** Start date: | **23b.** End date: | | | | | |
| Charter | *(If the respondent indicated that they do not have a vehicle skip question 24a and go to question 24b)*  **24a**. **In the last year how many times was your vehicle chartered for the following:**   |  |  | | --- | --- | | 1. Hospital |  | | 1. PG town (Trade/Marketing) |  | | 1. Collection   Natural Resource |  | | 1. Moving service |  | | 1. Visit to another village |  | | | | | | | |  |
| **24b. In the last year how many times did you charter a vehicle for the following reasons:**   |  |  | | --- | --- | | 1. Hospital |  | | 1. PG town (Trade/Marketing) |  | | 1. Collection   Natural Resource |  | | 1. Moving service |  | | 1. Visit to another village |  | | | | | | | |  |
| Government, NGO, or private subsidies for education or agriculture | **26. Amount $/mo.:** | | | **26a. Institution:** | | | |  |
| Do you get funds (remittances) from family members outside of Santa Cruz | **27. Amount per month:**  *(If they don’t indicate zero here)* | | | | | | |  |
| Agricultural Labor | **28. In the last year did you pay anyone for the following types of labor:** *(Mark a zero for each if they have not paid anyone and give number of exchange labor men if they did)* | | | | | | |  |
| **Labor type:** | | | **Paid** | | **Exchange** | **Alone** |
| * 1. Chopping (tzotzil col) milpa | | |  | |  |  |
| 1. Planting (tzotzil col) milpa | | |  | |  |  |
| 1. Chopping yax k’in (matahambre) | | |  | |  |  |
| 1. Planting yax k’in (matahambre) | | |  | |  |  |
| 1. Chopping or planting another type of crop (non- maize) | | |  | |  |  |
| 1. House building | | |  | |  |  |
| Santa Cruz Road Construction | **29.** In the last year have you been hired in the construction of the road for any of the following: *(Indicate zero if they have not worked in the part of duration)*   |  |  | | --- | --- | | **Work type:** | **Duration:** | |  |  | | | | | | | | |  | | --- | | 1. Building the bridge (sub-contract) | | 1. Flag person | | 1. Working machinery | | 1. Watchmen of machinery | | 1. Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

1. In the last month how many times did you travel to Punta Gorda to but or sell items? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Items** | **Price** | **Sell or buy** |
| 30. a |  |  |
| 30.b |  |  |
| 30.c |  |  |
| 30.d |  |  |
| 30.e |  |  |

1. In the last harvest season how many times did you travel across to Guatemala for purchasing or selling items? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Items** | **Price** | **Sell or buy** |
| 31.a |  |  |
| 31.b |  |  |
| 31.c |  |  |
| 31.d |  |  |
| 31.e |  |  |

**V. Agriculture and Land Use**

1. At what age did you first begin to work in your parent’s (father’s) milpa? \_\_\_\_\_\_\_\_\_\_\_\_\_
2. At what age did your children first began to help you in the milpa *(i.e. for chopping, planting, weeding, scarring off pests, harvesting)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. At what age did you start your first milpa *(could be rice, maize, or beans*): \_\_\_\_\_\_\_\_\_\_\_\_

***Land Use***

1. How many bush fields *(katok)* do you own: \_\_\_\_\_\_\_\_\_\_\_\_\_ *(Total number)*

35a. How many acres or manzana in total \_\_\_\_\_\_

36. For each of your fields

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **36a** | **36b** | **36d** | **36e** | **36f** | **36g & 36h** | | **36i** | **36j** |
| **Katok’s**  *(Fields)* | **Farm type** | **Field Size** *(Indicate unit: manzana, tasks, quarts, or acres.)* | **Location**  *(Maya name)* | **Do you share it with others?**  *(Y or N)* | **Whom do you share it with?** | | **Field is owned due to the cutting of nuk che**  *(Y or N)* | **Field is owned due to another community member (non-family) leaving or dying**  *(Y or N)* |
| **Name** | **Relation** |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |

**Codes for farm type: TZOT-Tzotzil col maize (slash and burn), RIC-Rice (rainy season-burning), Y-Yax k’in men katok (low bush) maize (matahambre dry season maize), VEGAYAX-Yax k’in vega/sajal field (dry season matahambre), Yax k’in mucuna field maize field (dry season matahambre), 6-Yax k’in kudzu field for maize field (dry season matahambre), 7-Fields that are resting or fallowed for less than 5 years, 8-Fields that are resting or fallowed for 5-10 years, 9-Fields that are resting or fallowed for more than 10 years**

**Relationship: FAM-family, FRD-Friend, OTHR**

**Tzotzil col *(milpa-burning)***

1. How old was the bush before you chopped for your milpa (tzotzil col) this year 2012?

1. What was the previous use of your current tzotzil col (2012) site before it was left to rest?

\_\_\_\_\_ Tzotzil col (slash and burn-burning)

\_\_\_\_\_ Yax k’in (slash and mulch-matahambre)

\_\_\_\_\_ Other

1. After you harvest your current tzotzil col for (2012) what will happen to this field?

\_\_\_\_ Will use again *(prompt: for what type of land use will it be used next)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_ Will leave to rest completely

\_\_\_\_ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_ Don’t know

1. Is the bush where your tzotzil col for **this year** (2012)…

\_\_\_\_\_ Borrowed

\_\_\_\_\_ Owned passed down by another person who left the village or died

\_\_\_\_\_ Owned due to the cutting of primary forest (nuk che) by you our your family

\_\_\_\_\_ Other

**Yax K’in Col*(Matahambre)***

41. How old is the bush where you will or have already chopped for your yax k’in (matahambre 2012)? \_\_\_\_\_\_\_\_\_\_

42. How many consecutive years have you used your yax k’in (matahambre) field? *(The one they will use this year)* \_\_\_\_

43. Is the bush where your yax k’in matahambre **this year** (2012) located:

\_\_\_\_ Borrowed

\_\_\_\_ Owned passed down by another person who left the village or died

\_\_\_\_ Owned due to the cutting of primary forest (nuk che) by you our your family

\_\_\_\_ Other

44a. In the past 5 years have you borrowed land from another person in the village for either yax k’in *(matahambre)* or tzotzil col (*milpa)*?

\_\_\_\_ Yes

\_\_\_\_ No

44b. If yes, why and did you have to do something in return?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

45. Does your household currently have any of the following field types? *(Please indicate field size unit)*

|  |  |  |
| --- | --- | --- |
|  | **45b** | **45c** |
| **Land type** | **Field size (*tree number if not a field)*** | **Location (Maya name)** |
| Cacao |  |  |
| Coffee |  |  |
| Mixed: (i.e. cacao, coconut…) |  |  |
| Pasture |  |  |
| Other: |  |  |

***Agricultural Production and Sale***

46. How many bags of corn did you harvest for yax k’in col last year (2011)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

46a. How many bags did you sell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

46b. How many bags did you let others in the village borrow:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

47. What types of fruits or vegetables did your household grow in the last 12 months?

*(Prompt: What about any other crops …)*

48. From this list which ones did you sell in the following places? (*List the vegetable or grains that were sold in either of these locations)*

|  |  |  |
| --- | --- | --- |
| **48a**  **In the Village** | **48b**  **In Punta Gorda** | **48c**  **In Guatemala** |
|  |  |  |
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|  |  |  |

***Management***

**Tzotzil Col**

49a. In the last year did you or any other member of your household use chemicals (herbicides) for your corn, beans, or rice?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ Don’t know

***If yes…***

49b. What is the brand name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

49c. Did you use herbicide to:

\_\_\_\_\_\_ decrease the amount of bush (small trees, shrubs, or vines) from growing back

\_\_\_\_\_\_ to control or eliminate grasses

\_\_\_\_\_\_ both

\_\_\_\_\_\_ other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***If respondent used herbicide to control grasses for either tzozil col ask the following question:***

49d. Where you successful in decreasing or eliminating the grasses in your field?

\_\_\_\_\_ Yes Notes:

\_\_\_\_\_ No

\_\_\_\_\_ Don’t know

**Yax K’in (Matahambre)**

50a. In the last year did you or any other member of your household use chemicals (herbicide) in your yax k’in for your corn or beans?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ Don’t know

***If yes…***

50b. What is the brand name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

50c. Why did you use chemicals (herbicide)?

\_\_\_\_\_\_ decrease the amount of bush (small trees, shrubs, or vines) from growing back

\_\_\_\_\_\_ to control or eliminate grasses

\_\_\_\_\_\_ both

\_\_\_\_\_\_ other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***If respondent used herbicide to control grasses for either yax k’in ask the following question:***

50d. Where you successful in decreasing or eliminating the grasses in your field?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ Don’t know

51. Did you or any other member of your household use any of the following field amended sites for yax k’in col this year or last year?

\_\_\_\_\_\_ Abona (mucuna)

\_\_\_\_\_\_ Kudzu

\_\_\_\_\_\_ *Vega* site

52. What was the major weed (pokche) problem in your tzotzil col this year (2012)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

53. What was the major weed (pokche) problem in your yax k’in col last year (2011)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Maize variety***

54. What type of corn do you use? (ask specifically the variety)

*Shaninul (box holoch and sic holoch)*

*Homoninul*

*Bejuco*

*Seleccion*

*Campeche*

***Perceptions on Sustainability of Field Use***

55. How many years can you use the following types of fields *(consecutively using the same method of clearing 1.) burning for tzotzil col 2.) chopping and mulching for yax k’in col)*….

|  |  |  |
| --- | --- | --- |
| **Field type** | **55a. Number of years** | **55b. How many years do you have to wait to be able to use it again?** |
| Tzotzil col (slash and burn-rainy season) |  |  |
| Yax k’in col (matahambre-dry season) |  |  |

56. After you leave your matahambre can you use this site for tzotzil col the following year or any year after?

57. In the last 10 years did the amount of grasses in your katok (bush) (*circle one)*:

increased decreased stayed the same

58a. Did the amount of high bush areas in your katok in the last 10 years *(circle one)*:

increased decreased stayed the same

58b. How certain are you of your answer? *(circle one)*: 100% 75% 50% 25% less than 10%

59a. Will there be sufficient high bush in the next 10 years for you and your family?

\_\_\_\_ Yes

\_\_\_\_ No

\_\_\_\_ Don’t Know 59b. if not, why?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

59c. How certain are you of your answer? *(circle one)*: 100% 75% 50% 25% less than 10%

60a. Are there places in Santa Cruz that can no longer use for planting tzotzil col or yax k’in due to degradation of the soil or vegetation by other farmers or from yourself?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

60b. If so where: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

60c. Why:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Perceived Risk***

61a. Does the management of a milpa (tzotzil col) or matahambre (yax k’in) farm by another farmer matter to how you control or manage your farm now?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ Don’t know

61b. How certain are you of your answer? *(circle one)*: 100% 75% 50% 25% less than 10%

62a. How about in the next 10 years?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_\_Don’t know

62b. How certain are you of your answer? *(circle one)*: 100% 75% 50% 25% less than 10%

63a. Has the timing of the rainy season changed over the last 10 years? *(circle one)*: Yes No Don’t know

63b. If so, does the rainy season now come *(circle one)*: earlier later or it has not changed

**VI. DOGS & HUNTING**

***In the last year***

64a. How many puppies have your dogs had?

64b. How many of these have survived?

65a. How many years can a dog live? \_\_\_\_\_\_\_\_

65b. If hunter type: \_\_\_\_\_\_\_\_

***Cost of raising dogs***

66. Do you buy or grow your dogs? Buy Grow

67. Do you buy food for your dogs? Yes No

68. How many tortillas do you give your dogs per day? \_\_\_\_\_\_\_\_

69. Do you give medicine to your dogs (e.g. when they get sick or wounded)? Yes or No

70. Do you get vaccines for your dogs? Yes or No Which kind?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

71. What is the cost of the: injection \_\_\_\_\_\_\_\_ pill \_\_\_\_\_\_\_\_ vaccine \_\_\_\_\_\_\_\_?

***Source of protein***

72. Do you buy bush meat? Yes No

From who? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Times per: week \_\_\_\_\_\_\_\_ month \_\_\_\_\_\_\_ year \_\_\_\_\_\_\_\_

***Type of dogs***

73. Do you have hunting dogs? Yes No

***Hunting with dogs***

74a. Do you currently or in the past hunt with dogs? Yes No

74b. How frequently? Times per week \_\_\_\_\_\_\_\_ month \_\_\_\_\_\_\_ year \_\_\_\_\_\_\_\_

75a. Do you hunt alone? Yes No

76a. Do you hunt in group? Yes No with whom:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

77. Whether you use or not to hunt with dogs:

77a. Do you know how to set traps? Yes No

77b. For: Birds Ground mole Gibnut Other

77c. At what age did you start making traps? \_\_\_\_\_\_\_\_

77d. Who teach you? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***If you use to hunt with dogs***

78. What is the ideal number of dogs to take with you to hunt?

79a. How many of your dogs are of the type: leading \_\_\_\_\_\_\_\_ following \_\_\_\_\_\_\_\_

79b. If “leading” (*chabe’*) how many: males\_\_\_\_\_\_\_\_ females\_\_\_\_\_\_\_\_

79c. If “following” (*alca’*) how many: males\_\_\_\_\_\_\_\_ females\_\_\_\_\_\_\_\_

80a. What animal(s) do the leader(s) prefer to hunt?

81a. What animal(s) do you prefer to hunt?

82. How long does it take to train a dog to hunt?

84. Do you teach them what to hunt or do they have their own preference?

85. How often do your dogs get wounded while hunting?

Times per week \_\_\_\_\_\_\_\_ or month \_\_\_\_\_\_\_\_

***General hunting***

86. At what age did you begin to go to the bush to hunt?

87. Who taught you to how hunt?

88. Which area do you prefer to hunt? Name \_\_\_\_\_\_\_\_

89. Which months of the year are the best to hunt?

Kitam

Agouti

Halee

Wech

Keeh

90. What do you use to hunt? Gun \_\_\_ Machete \_\_\_ Dogs \_\_\_ Combinations \_\_\_\_\_\_\_\_

91a. If you use a gun to hunt is it:

Own? Yes No 91b. If borrowed, from who? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

92. How many cartridges do you buy per month? \_\_\_\_\_\_

93. How much a single cartridge cost? \_\_\_\_\_\_\_\_\_\_\_

**VII. Household Expectations, the Road, and Economic Aspirations**

95. How many children do you expect to have?

96. What are the advantages of having a large family?

97. What are the disadvantages of having a large family?

98. What level of schooling do you want your children to complete?

99a. Do you children know how to carry out farm including the following activities: *(check all that apply)*

\_\_\_\_ Chopping bush (field preparation)

\_\_\_\_ Planting of different crops (i.e. maize, beans, rice, ground food, greens etc…)

\_\_\_\_ How to locate the best field to get the best harvest for any type of crop (i.e. maize, beans, rice, ground foods etc…)

\_\_\_\_ Using pom che

99b. How certain are you that they know this information *(circle one)*:

100% 75% 50% 25% less than 10%

100. Do you teach your children how to farm?

\_\_\_\_ Yes

\_\_\_\_ No

101. How about using forest resources or bush food such as chikai, caleloo, culah, cahone cabage, maboi…etc.

\_\_\_\_ Yes

\_\_\_\_ No

102. In the next 10 years do you expect your children to know how to do agricultural activities and bush work?

***Road***

103a. What benefits will the road bring to the community?

103b. How certain are you of your answer? *(circle one)* 100% 75% 50% 25% less than 10%

104a. What disadvantages will the road bring to the community?

104b. How certain are you of your answer? *(Circle one)* 100% 75% 50% 25% less than 10%

105a. In the next 10 years will people still exchange labor *(anat bahil)* for agriculture, house building, or other community work?

\_\_\_\_ Yes

\_\_\_\_ No

\_\_\_\_ Don’t know

105b. How certain are you of your answer? *(circle one)*: 100% 75% 50% 25% less than 10%

106. What kind of jobs will there be for you or your family in Santa Cruz in the following 10 years? (i.e. farmer, construction, security, business, teacher, tourist guide, technician, employment from government, others)

***Economic Aspirations***

107. Is your family income now more, less or the same from the last 10 years? *(circle one)*

108. What kind of items do you buy now that you or your parents did not buy before? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

109. In the next year what crops do you expect to sale *(list them in order from the most to least amount they anticipate to sale):*

1.) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

2.) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

3.) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*