

Table S1. Questionnaire for direct interview and online questionnaire

No	Variable	Direct interview	Online questionnaire
1.	Name of beekeeper	√	√
2.	Gender	√	√
3.	Address	√	√
4.	Email	√	√
5.	Phone number	√	√
6.	Age	√	√
7.	Education	√	√
8.	Coordinate and altitude	√	√
9.	When did you start beekeeping?	√	√
10.	Who teach the beekeeping method?	√	√
11.	What types of bees are cultivated?	√	√
12.	How many boxes of bees (hives) do you have at the beginning?	√	√
13.	How many boxes of bees do you currently have?	√	√
14.	What are the types of land use around where the bees are cultivated?	√	√
15.	Is there any actual death or loss of individual honey bees or stingless bees?	√	√
16.	If there is a decrease of bee population, how do you know?	√	√
17.	If there is a decrease of bee population, what percentage is the estimated decrease in bee population?	√	√
18.	If there is a decrease of bee populations, when is the estimate for the decrease in bee population?	√	√
19.	What were the factors that influenced the stingless or honey bee death?	√	√
20.	Are there any obstacles and problems in raising honey bees or stingless bees?	√	√
21.	If there is a pest or bee parasite attack, what are the pests or parasites that attack the bee?	√	√
22.	Is there any use of pesticides around the farm?	√	√
23.	If there is use of pesticides around the farm, what is the name of the pesticide used? and what plant is it used for?	√	√
24.	If there is use of a pesticide, how many times is it used in a week?	√	√
25.	Have there been any changes in the types of bees raised in the last 10 years?	√	