

**Appendix I.** Tree- crop integration in their farmlands along transects of different distances to the forest. The mean frequency shows how often the trees and crop types appeared per homegardens.

Scientific Name	Farm Plot		Family	Mean frequency (%) at Near to forests	Mean frequency (%) at Far from forests	P-Value
	Amharic Name	Local Name				
<i>Pittosporum viridiflorum</i>	Weyil	Shollo	Pittosporaceae	53.1	32.4	0.36
<i>Cordia africana</i>	Wanza	Di'o	Boraginaceae	37.6	25.1	0.07
<i>Ficus vasta</i>	Warka	Melo	Moraceae	41.9	38.2	0.66
<i>Millettia ferruginea</i>	Birbira	Bibero	Fabaceae	74.2	78.7	1
<i>Sapium ellipticum</i>	Arboji	Shedo	Euphorbiaceae	36	17.3	0.17
<i>Croton macrostachyus</i>	Bisana	Wago	Euphorbiaceae	44.3	22.8	0.23
<i>Ficus sycomorus</i>	Shola/Hemba	Chapero	Moraceae	28.5	23.6	0.49
<i>Albizia gummifera</i>	Sesa	Chato	Fabaceae	58.3	61.2	0.8
<i>Prunus africana</i>	Tikur inchet	Ommo	Rosaceae	11.6	5.3	0.5
<i>Phoenix reclinata</i>	Zembaba	Yebo	Arecaceae	8.3	1.3	1
<i>Olea welwitschii</i>	Yedamat weyra	Yaho	Oleaceae	34.1	11.7	0.47
<i>Schefflera abyssinica</i>	Getema	Buto	Araliaceae	64.9	24.1	0.63
<i>Ficus sur</i>	Shola	Charo	Moraceae	13.1	6.4	1
<i>Vernonia amygdalina</i>	Grawa	Grawo	Asteraceae	8.3	14.6	0.06
<i>Erythrina brucei</i>	Korch	Kolacho	Fabaceae	5.7	18.3	0.35
<i>Maesa lanceolata</i>	Qelewa	Chago	Myrsinaceae	32.7	2.3	0.09
<i>Vernonia auriculifera</i>	Gujo/Birawa	Dengirato	Asteraceae	27.3	24.3	0.9
<i>Polyscias fulva</i>	Yezinjero wenber	Karesho	Araliaceae	35.1	8.4	0.41
<i>Brucea antidysenterica</i>	Omme	Nuqasho	Simaraubaceae	17.3	15.3	0.65
<i>Bersama abyssinica</i>	Afajeshign	Boqqo	Francoaceae	9.2	7.3	1
<i>pinus radiata</i>	Pinus	Chido	Pinaceae	1.3	37.5	0.65
<i>Pinus patual</i>	Pinus	Chido	Pinaceae	1.6	21.2	0.17
<i>Schefflera volkensii</i>		Komo	Araliaceae	6.9	3.1	0.28
<i>Lepidotrichilia volkensis</i>	Trichilia	Shahiyo	Meliaceae	32.3	2.7	0.4
<i>Hagenia abyssinica</i>	Koso	Kosho	Rosaceae	26.2	1.1	0.45
<i>Galinira coffeoides</i>	Buna mesay	Dido	Rubiaceae	12.6	0	1
<i>Allophylus Abyssinicus</i>	Embisi	She'o	Sapindaceae	37.1	0	0.23
<i>Pouteria adolphi-friederici</i>	Qerero	Shongo	Sapotaceae	27.3	1.8	0.22
<i>Syzygium guineense</i>	Dokima	Yino	Myrtaceae	21.4	4.7	0.94
<i>Ricinus communis</i>	Gulo	Qobo	Euphorbiaceae	17.5	9.4	1
<i>Ilex mitis</i>	Yemisir qefo	Ketto	Aquifoliaceae	8.6	2.4	0.24
<i>Podocarpus falcatus</i>	Zigiba	Tido	Podocarpaceae	13.4	1.6	0.15
<i>Trilepisium madagascariense</i>	Juya	Gebo	Moraceae	23.8	4.1	0.37
<i>Celtis africana</i>	Qawut	Ufo	Ulmaceae	9.4	0	1
<i>Ocotea kenyesis</i>	Derersa	Najo	Lamiaceae	17.4	3.9	0.68
<i>Eucalaptus globulus</i>	Nech bahir zaf	Nech barzafo	Myrtaceae	56.8	59.4	1

<i>Eucalaptus camaldalensis</i>	Key bahir zaf	Chele barzafo	Myrtaceae	43.1	52.3	0.21
<i>Eucalyptus citriodora</i>	Yeshito bahirzaf	barzafo	Myrtaceae	27.3	37.4	0.74
<i>Juniperus procera</i>	Tsid	Chido	Cupressaceae	54.7	57.3	1
<i>Coffea arabica</i>	Buna	Buno	Rubiaceae	83.7	64.4	0.43
<i>Mangifera indica</i>	Mango	Mango	Anacardiaceae	33.9	32.1	0.21
<i>Persea americana</i>	Avocado	Abokato	Lauraceae	71.5	64.2	0.01
<i>Annona senegalensis</i>	Gishixa	Gishxo	Annonaceae	8.4	11.3	0.68
<i>Rhamnus prenoides</i>	Gesho	Gesho	Rhamnaceae	24.2	5.7	0.59
<i>Justicia schimperiana</i>	Sensel	Gilbano	Acanthaceae	9.1	14.7	0.17
<i>Euphorbia abyssinica</i>	Qulqual	Qakero	Euphorbiaceae	37.4	39.1	0.61
<i>Sesbania sesban</i>	Sesibania	Sasibaniyo	Fabaceae	14.1	24.8	1
<i>Arundinaria alpina</i>	Qerkeha	Shinato	Poaceae	32.6	28.5	0.49
<i>Citrus sinensis</i>	Birtukan	Birtukano	Rutaceae	27.2	32.6	0.02
<i>Citrus aurantiifolia</i>	Lomi	Lomo	Rutaceae	8.4	17.3	0.41
<i>Eragrostis tef</i>	Tef	Gaasho	Poaceae	29.6	31.4	0.36
<i>Vicia faba</i>	Baqela	Ato	Fabaceae	48.2	53.9	0.19
<i>Zea mays</i>	Beqolo	Baaro	Poaceae	67.3	71.4	0.28
<i>Phaseolus vulgaris</i>	Adengware	Gobo	Fabaceae	39.1	36.8	0.31
<i>Pisum sativum</i>	Ater	Atero	Fabaceae	47.4	51.3	0.62
<i>Sorghum bicolor</i>	Mashila	Yango	Poaceae	32.7	37.4	0.37
<i>Hordeum vulgare</i>	Gebs	Sheqo	Poaceae	38.4	46.3	0.19
<i>Brassica oleracea</i>	Gomen	Shano	Brassicaceae	69.4	72.1	0.27
<i>Daucus carota</i>	Karot	Karoto	Apiaceae	7.2	11.5	0.68
<i>Manihot esculenta</i>	Kasava	Qiido	Euphorbiaceae	53.1	57.6	0.03
<i>Catha edulis</i>	Chat	chato	Celastraceae	33.6	36.5	0.27
<i>Fromomum corrorima</i>	Kororma	Ogio	Zingiberaceae	41.1	17.6	0.22
<i>Allium sativum</i>	Nech Shinkurt	Duqusho	Alliaceae	38.6	37.4	1
<i>Allium cepa</i>	Key Shinkurt	Amarto	Alliaceae	29.5	32.1	0.38
<i>Cucurbita pepo</i>	Dubba	Buqo	Cucurbitaceae	35.2	37.7	0.53
<i>Lycopersicon esculentum</i>	Timatim	Timatimo	Solanaceae	21.5	34.5	0.84
<i>Solanum tuberosum</i>	Dinich	Doqo	Solanaceae	27.6	41.8	0.03
<i>Ensete ventricosum</i>	Enset	Uxo	Musaceae	69.3	89.4	0.36
<i>Musa spp.</i>	Muz	Muzo	Musaceae	37.5	39.3	0.25
<i>Ananas comosus</i>	Ananas	Ananaso	Bromeliaceae	10.2	17.5	0.16
<i>Saccharum officinarum</i>	Shenkora	Agedo	Poaceae	8.5	21.8	0.27