

## Appendix 1.

Table A1.1 Indicator species values for trees recorded inside and on boundaries of fields. The table is sorted according to the difference in indicator value, implying that species which are found more inside fields have a positive value, and species found at the boundaries have a negative value.

Scientific name	Local name/s	No. of fields contained the species		Indicator value (IV)		p- value	Difference (a-b)
		Inside	On boundary	Inside (a)	Boundary (b)		
<i>Sesbania sesban</i>	Sasbenia	7	0	67	0	0.060	67
<i>Ficus sur</i>	Harbu	11	1	61	1	0.099	60
<i>Ricinus communis</i>	Qobo	7	2	65	7	0.170	58
<i>Milletia ferruginea</i>	Askira	57	23	71	29	0.036	42
<i>Bersama abyssinica</i>	Lolchissa	17	5	52	11	0.306	41
<i>Schefflera abyssinica</i>	Botto	5	1	42	3	0.420	39
<i>Acacia lahai</i>	Sondi	9	2	41	3	0.426	38
<i>Maytenus arbutifolia</i>	Kombolicha	15	8	54	17	0.357	37
<i>Brucea antidysenterica</i>	Boqo	2	0	33	0	0.455	33
<i>Cassipourea malosana</i>	Barsadi	2	0	33	0	0.464	33
<i>Albizia gummifera</i>	Hambabessa	39	20	55	23	0.398	32
<i>Vernonia amygdalina</i>	Ibicha	21	10	56	27	0.434	29
<i>Acacia abyssinica</i>	Lafto	19	2	30	3	0.577	27
<i>Apodytes dimidiata</i>	Wandabiyo	7	1	29	2	0.455	27
<i>Phoenix reclinata</i>	Mexi	5	1	28	3	0.455	25
<i>Cordia africana</i> (n)	Wadessa	8	2	27	3	0.728	24
<i>Syzygium guineense</i> ssp. <i>guineense</i>	Badessa	14	8	42	18	0.494	24
<i>Croton macrostachyus</i>	Bakenisa	38	24	61	39	0.267	22
<i>Hagenia abyssinica</i>	Heto	4	2	33	11	0.685	22
<i>Polyscias fulva</i> (n)	Kariyoo	7	2	26	4	0.717	22
<i>Macaranga capensis</i>	Wango	3	1	25	4	0.734	21
<i>Alangium chinense</i> (n)	Halale	1	0	17	0	1	17
<i>Allophylus macrobotrys</i> (n)	Seyo	1	0	17	0	1	17
<i>Diospyros abyssinica</i> (f)	Loko	1	0	17	0	1	17
<i>Olinia rochetiana</i> (n)	Sole/qeye	1	0	17	0	1	17
<i>Salix subserrata</i> (n)	Aleltu	1	0	17	0	1	17
<i>Clerodendrum myricoides</i>	Qorasuma	2	2	17	8	1	9
<i>Arundinaria alpina</i>	Leman	9	7	28	22	0.912	6
<i>Maesa lanceolata</i>	Abayi	13	8	31	25	0.935	6
<i>Grevillea robusta</i> (f)	Gravilla	1	1	8	8	1	0
<i>Pouteria adolfi-friederici</i> (f)	Qararo	2	2	8	8	1	0
<i>Sapium ellipticum</i> (n)	Bosoqu/Bosoqa	2	2	8	8	1	0
<i>Spathodia nilotica</i> (f)	Spatodia	1	1	8	8	1	0
<i>Dombeya torrida</i> (f)	Danisa	5	8	13	21	0.846	-8
<i>Prunus africana</i>	Omo	10	12	30	45	0.701	-15
<i>Ekebergia capensis</i>	Hororo/sombo	3	6	17	33	0.841	-16
<i>Dracaena</i> sp. (n)	Emo	0	1	0	17	1	-17
<i>Fagaropsis angolensis</i> (n)	Sigilu	0	1	0	17	1	-17
<i>Ficus thonningii</i> (n)	Qilxuu	0	1	0	17	1	-17
<i>Pinus patula</i> (n)	Pinus	0	2	0	17	1	-17
<i>Cupressus lusitanica</i>	Xid	9	14	33	51	0.596	-18
<i>Olea welwitschii</i> (f)	Baya	1	3	4	25	0.723	-21
<i>Eucalyptus</i> sp.	Bargamo/Barzef	31	51	38	62	0.257	-24
<i>Pterolobium stellatum</i> (n)	Gora Faranji	0	2	0	33	0.447	-33
<i>Euphorbia cotinifolia</i>	Ababa dima	1	4	3	40	0.425	-37
<i>Vernonia auriculifera</i>	Reji	14	33	25	70	0.133	-45
<i>Justicia schimperiana</i>	Dhumuga	0	7	0	50	0.183	-50
<i>Erythrina</i> sp.	Bero/welenisu	6	132	2	96	0.002	-94
<i>Euphorbia ampliphylla</i>	Adami	5	133	2	96	0.003	-94

n: Refers to tree species only recorded in the fields owned by farmers living in villages along forest edges (12 in total);

f: Refers to tree species only recorded in the fields owned by farmers living in villages located away from forest edges (6 in total). All other trees species were recorded both in fields used by farmers living in villages close to and away from forest edges (31 in total).

- A total of 49 (43 in fields used by farmers living close to and 37 in fields away from forest edges) tree species were recorded in the lands used by the sample households.
- Fruit trees that are common in the home gardens of most of the interviewed farmers, in all villages, are not included in this list.