

Electronic Supplementary Materials

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Table S1. Characteristics of respondents in each kebele by their average percentage of age, gender, family size, educational level, native to the area, ethnic group and sources they were engaged with for woody plant benefits.

Variable	Kebele						Averages %
	Borcho Deka	Kela Harari	Difo Mani	Gido Bere	Bere Weranigo	Kuda Kofi	
Average age of respondents (years $\pm$ SE 2.1 to 2.9)	46.7	46.3	48.3	43.5	45.1	49.4	46.6
Gender of respondents (%)							
Male	96.7	86.7	70.0	80.0	73.3	83.3	82
Female	3.3	13.3	30.0	20.0	26.7	16.7	18
Average household size (members $\pm$ SE 0 to 1)	6	7	6	7	6	6	6
Education level of respondents (%)							
Illiterate	40.0	56.7	60.0	40.0	53.3	40.0	48
Adult education	10.0	10.0	10.0	20.0	16.7	16.7	14
Formal education	50.0	33.3	30.0	36.7	30.0	43.3	37
Respondents native to the area (%)	83.3	86.7	60.0	83.3	83.3	80.0	79
Ethnic groups (%)							
Oromo	93.3	100	83.3	100	100	96.7	96
Others (Amhara, Kefficho and Tigre)	6.7	0	16.7	0	0	3.3	4
Respondents visiting the source (%)							
Arable land	93.3	93.3	93.3	96.7	93.3	96.7	94
Grazing land private	73.3	93.3	56.7	86.7	83.3	43.3	73
Grazing land communal	3.3	0	83.3	36.7	6.7	13.3	24
Homegarden	100.0	100.0	100.0	100.0	100.0	100.0	100
Coffee forest inherited	83.3	93.3	63.3	3.3	0	96.7	57
Coffee forest obtained legally	30.0	20.0	20.0	0	0	10.0	13
Forest without coffee inherited	13.3	76.7	0	0	0	0	15
Communal forest	43.3	76.7	76.7	76.7	0	36.7	52
Government plantation forest	0	0	0	0	0	3.3	1

Table S2. List of woody plant species benefiting local people; number of purposes that a species serves; list of uses of a species. Purpose: 1 = house construction, 2 = farm implements, 3 = fuelwood, 4 = honey production/beekeeping, 5 = fences, 6 = medicine, 7 = coffee shade, 8 = household utilities, 9 = soil fertilisation, 10 = animal fodder, 11 = poles and timber, and 12 = other uses (e.g. beehive smoking, walking stick, cleaning). “x” denotes a benefit, “-“ a lack thereof.

Species name	No. of uses of a species	Use											
		1	2	3	4	5	6	7	8	9	10	11	12
<i>Abutilon longicuspe</i>	3	x	x	-	x	-	-	-	-	-	-	-	-
<i>Acacia abyssinica</i>	6	x	-	x	x	-	-	x	-	x	x	-	-
<i>Acacia polyacantha</i>	4	x	-	x	x	-	-	x	-	-	-	-	-
<i>Albizia gummifera</i>	7	x	-	x	x	-	-	x	x	x	-	-	x
<i>Albizia schimperiana</i>	7	x	-	x	x	-	-	x	x	x	-	-	x
<i>Allophylus abyssinicus</i>	6	x	x	x	-	X	x	-	x	-	-	-	-
<i>Apodytes dimidiata</i>	4	x	x	-	x	-	-	-	x	-	-	-	-
<i>Aspilia africana</i>	1	-	-	x	-	-	-	-	-	-	-	-	-
<i>Bersama abyssinica</i>	3	x	-	x	-	-	x	-	-	-	-	-	-
<i>Bridelia micrantha</i>	2	-	-	-	-	X	x	-	-	-	-	-	-
<i>Brucea antidysenterica</i>	1	-	-	-	-	-	x	-	-	-	-	-	-
<i>Calpurnia aurea</i>	6	x	x	-	-	X	x	-	x	-	-	-	x
<i>Cassipourea malosana</i>	2	x	x	-	-	-	-	-	-	-	-	-	-
<i>Celtis africana</i>	6	-	x	x	-	X	x	-	x	-	x	-	-
<i>Chionanthus mildbraedii</i>	3	x	x	-	-	x	-	-	-	-	-	-	-
<i>Clausena anisata</i>	5	x	x	-	-	x	x	-	-	-	-	-	x
<i>Clerodendrum myricoides</i>	2	x	-	-	-	-	x	-	-	-	-	-	-
<i>Coffea arabica</i>	5	x	x	x	x	-	-	-	-	-	-	-	x
<i>Cordia africana</i>	8	x	x	x	x	-	-	x	x	x	-	x	-
<i>Croton macrostachyus</i>	9	x	x	x	x	x	x	x	x	x	-	-	-
<i>Cupressus lusitanica</i>	7	x	x	x	-	x	-	-	x	-	-	x	x
<i>Diospyros abyssinica</i>	2	x	x	-	-	-	-	-	-	-	-	-	-
<i>Dombeya torrida</i>	1	-	-	x	-	-	-	-	-	-	-	-	-
<i>Dracaena afromontana</i>	1	-	-	-	-	-	-	-	-	-	x	-	-
<i>Dracaena fragrans</i>	2	-	-	-	-	x	-	-	-	-	x	-	-
<i>Dracaena steudneri</i>	4	-	-	-	-	x	-	x	-	x	x	-	-
<i>Ehretia cymosa</i>	5	x	x	x	-	x	-	-	x	-	-	-	-
<i>Ekebergia capensis</i>	6	x	x	x	x	-	-	-	x	-	-	x	-
<i>Elaeodendron buchananii</i>	6	x	x	x	x	x	-	x	-	-	-	-	-
<i>Erythrina abyssinica</i>	4	-	-	x	x	x	-	-	x	-	-	-	-
<i>Erythrina brucei</i>	5	-	-	x	x	x	x	-	-	x	-	-	-
<i>Eucalyptus camaldulensis</i>	6	x	x	x	x	x	-	-	x	-	-	-	-
<i>Eucalyptus citriodora</i>	6	x	x	x	x	x	-	-	x	-	-	-	-
<i>Eucalyptus globulus</i>	6	x	x	x	x	x	-	-	x	-	-	-	-
<i>Euphorbia abyssinica</i>	4	x	-	-	x	x	-	-	x	-	-	-	-
<i>Fagaropsis angolensis</i>	3	x	-	-	x	-	x	-	-	-	-	-	-
<i>Ficus sur</i>	7	-	-	x	x	-	-	x	x	x	x	x	-
<i>Ficus vasta</i>	7	x	x	x	x	-	-	x	x	x	-	-	-
<i>Flacourtia indica</i>	4	x	x	x	-	-	x	-	-	-	-	-	-
<i>Galiniera saxifraga</i>	3	x	x	-	-	-	-	-	-	-	x	-	-
<i>Gardenia ternifolia</i>	2	-	x	-	-	-	-	-	x	-	-	-	-
<i>Grewia ferruginea</i>	2	-	-	-	-	x	-	-	-	-	x	-	-
<i>Hibiscus diversifolius</i>	1	-	-	-	-	-	-	-	-	-	x	-	-
<i>Ilex mitis</i>	1	-	x	-	-	-	-	-	-	-	-	-	-
<i>Indigofera arrecta</i>	1	-	-	-	-	-	x	-	-	-	-	-	-
<i>Justicia schimperiana</i>	3	x	-	-	-	x	x	-	-	-	-	-	-
<i>Lannea welwitschii</i>	2	-	-	x	-	-	x	-	-	-	-	-	-

<i>Macaranga capensis</i>	4	x	x	x	-	x	-	-	-	-	-	-	-
<i>Maesa lanceolata</i>	7	x	-	x	-	x	x	x	-	x	x	-	-
<i>Maytenus arbutifolia</i>	2	-	-	x	-	x	-	-	-	-	-	-	-
<i>Maytenus gracilipes</i>	1	-	x	-	-	-	-	-	-	-	-	-	-
<i>Millettia ferruginea</i>	8	x	x	x	x	x	-	x	-	x	x	-	-
<i>Mimusops kummel</i>	4	x	x	-	-	-	-	x	-	-	-	-	X
<i>Myrsine africana</i>	3	x	-	-	x	x	-	-	-	-	-	-	-
<i>Ocimum lamiiifolium</i>	1	-	-	-	-	-	x	-	-	-	-	-	-
<i>Olea welwitschii</i>	7	x	x	x	x	x	-	x	-	-	-	-	X
<i>Oxyanthus speciosus</i>	3	x	x	-	-	x	-	-	-	-	-	-	-
<i>Phoenix reclinata</i>	1	x	-	-	-	-	-	-	-	-	-	-	-
<i>Pittosporum viridiflorum</i>	2	x	-	-	-	-	-	-	-	-	-	-	X
<i>Podocarpus falcatus</i>	4	x	-	-	-	-	-	-	x	-	-	x	X
<i>Polyscias fulva</i>	4	x	x	-	x	-	-	-	-	-	-	x	-
<i>Pouteria adolfi-friederici</i>	8	x	x	x	x	-	-	x	x	x	-	x	-
<i>Premna schimperi</i>	1	x	-	-	-	-	-	-	-	-	-	-	-
<i>Prunus africana</i>	9	x	x	x	x	-	-	x	x	x	-	x	X
<i>Psychotria orophila</i>	3	x	-	-	-	x	-	-	-	-	x	-	-
<i>Rhamnus prinoides</i>	2	x	-	-	-	x	-	-	-	-	-	-	-
<i>Ritchiea albersii</i>	1	-	x	-	-	-	-	-	-	-	-	-	-
<i>Rothmannia urcelliformis</i>	2	-	x	-	-	x	-	-	-	-	-	-	-
<i>Rytigynia neglecta</i>	4	x	x	-	x	x	-	-	-	-	-	-	-
<i>Sapium ellipticum</i>	3	x	-	x	-	-	-	-	-	-	x	-	-
<i>Schefflera abyssinica</i>	4	-	x	-	x	-	-	x	-	x	-	-	-
<i>Senna petersiana</i>	1	-	-	-	-	x	-	-	-	-	-	-	-
<i>Sesbania sesban</i>	2	-	-	-	-	-	-	x	-	-	x	-	-
<i>Solanecio mannii</i>	1	-	-	-	-	-	x	-	-	-	-	-	-
<i>Stereospermum kunthianum</i>	2	-	x	-	x	-	-	-	-	-	-	-	-
<i>Syzygium guineense</i>	8	x	-	x	x	x	-	x	x	-	x	x	-
<i>Teclea nobilis</i>	2	-	x	-	-	-	-	-	-	-	-	-	X
<i>Terminalia laxitlora</i>	6	-	x	x	x	-	-	x	-	-	x	-	X
<i>Vepris dainellii</i>	1	-	x	-	-	-	-	-	-	-	-	-	-
<i>Vernonia amygdalina</i>	9	x	x	x	x	x	x	x	-	x	x	-	-
<i>Vernonia auriculifera</i>	8	x	x	x	x	x	x	x	-	x	-	-	-
<i>Vernonia hochstetteri</i>	1	-	-	-	x	-	-	-	-	-	-	-	-
<i>Vernonia thomsoniana</i>	6	x	-	x	x	x	x	-	-	x	-	-	-

Table S3. Correlation coefficient among potentially available ecosystem services across the landscape. Note that: hcw = house construction wood service; faimp = farm implements; fulw = fuelwood; honp = honey production; fenc = fence; medc = medicine; cofs = coffee shade; soilf = soil fertilisation; hhut = household utilities; potm = poles and timber; anfd = animal fodder potential supply.

	hcw	faimp	fulw	honp	fenc	medc	cofs	soilf	hhut	potm	anfd
Hcw	1.00	0.70	0.89	0.87	0.76	0.55	0.66	0.47	0.54	0.38	0.48
Faimp	0.70	1.00	0.61	0.58	0.51	0.18	0.71	0.20	0.59	0.43	0.53
Fulw	0.89	0.61	1.00	0.93	0.68	0.60	0.63	0.61	0.44	0.24	0.34
Honp	0.87	0.58	0.93	1.00	0.60	0.55	0.60	0.53	0.43	0.24	0.26
Fenc	0.76	0.51	0.68	0.60	1.00	0.73	0.60	0.63	0.44	0.34	0.62
Medc	0.55	0.18	0.60	0.55	0.73	1.00	0.35	0.70	0.19	0.02	0.27
Cofs	0.66	0.71	0.63	0.60	0.60	0.35	1.00	0.42	0.69	0.54	0.63
Soilf	0.47	0.20	0.61	0.53	0.63	0.70	0.42	1.00	0.15	0.03	0.25
Hhut	0.54	0.59	0.44	0.43	0.44	0.19	0.69	0.15	1.00	0.75	0.49
Potm	0.38	0.43	0.24	0.24	0.34	0.02	0.54	0.03	0.75	1.00	0.52
Anfd	0.48	0.53	0.34	0.26	0.62	0.27	0.63	0.25	0.49	0.52	1.00

Table S4. List of woody plant species encountered in all 192 surveyed plots in different land-use types (farmland, forest with and forest without coffee management), their scientific family and their local name, their category (forest specialist, pioneer, generalist or planted species), habit, number of sites they occurred in, and their abundance.

Scientific name	Family	Local name	Species category	Habit	Abundance and occurrence of species by land-use type					
					Farmland		Forest with coffee management		Forest without coffee management	
					Occurrence (no. sites)	Abundance	Occurrence (no. sites)	Abundance	Occurrence (no. sites)	Abundance
<i>Abutilon longicuspe</i>	MALVACEAE	Inchinii daalacha	Pioneer	Shrub	0	0	1	3	1	3
<i>Acacia abyssinica</i>	FABACEAE	Sondii adii	Pioneer	Tree	12	38	2	2	0	0
<i>Acacia polyacantha</i>	FABACEAE	Sondii dimaa	Pioneer	Tree	3	19	0	0	0	0
<i>Acanthus eminens</i>	ACANTHACEAE	Baalan-waraantee	Forest specialist	Shrub	0	0	4	226	18	677
<i>Alangium chinense</i>	ALANGIACEAE	Daannisa	Pioneer	Tree	0	0	4	6	3	5
<i>Albizia gummifera</i>	FABACEAE	Ambabeessa	Generalist	Tree	3	27	11	62	22	249
<i>Albizia schimperiana</i>	FABACEAE	Ambabeessa adii	Generalist	Tree	14	53	18	48	11	44
<i>Allophylus abyssinicus</i>	SAPINDACEAE	See'oo	Forest specialist	Tree	1	2	8	133	33	99
<i>Allophylus macrobotrys</i>	SAPINDACEAE	Saahoo	Generalist	Tree	0	0	0	0	4	8
<i>Apodytes dimidiata</i>	ICACINACEAE	Wandabiyyoo	Forest specialist	Tree	2	2	2	2	19	46
<i>Asplia africana</i>	ASTERACEAE	Hadaa adii	Pioneer	Shrub	2	9	0	0	0	0
<i>Bersama abyssinica</i>	MELIANTHACEAE	Lolchiisaa	Forest specialist	Tree	9	30	22	115	50	286
<i>Bridelia micrantha</i>	EUPHORBIACEAE	Minaanduloo	Pioneer	Small tree	3	13	1	8	0	0
<i>Brucea antidysenterica</i>	SIMAROUBACEAE	Qomanyoo	Forest specialist	Shrub to tree	12	51	13	59	22	98
<i>Calpurnia aurea</i>	FABACEAE	Cheekaa	Pioneer	Small tree	1	7	4	118	1	4
<i>Canthium oligocarpum</i>	RUBIACEAE	Baal-sadii	Forest specialist	Shrub to tree	0	0	7	40	27	73
<i>Cassipourea malosana</i>	RHIZOPHORACEAE	Ilke	Forest specialist	Tree	0	0	5	29	20	107
<i>Celtis africana</i>	ULMACEAE	Qayii	Generalist	Tree	2	5	17	91	8	34
<i>Chionanthus mildbraedii</i>	OLEACEAE	Gagamaa	Forest specialist	Tree	0	0	21	338	34	1188
<i>Clausena anisata</i>	RUTACEAE	Ulmaayii	Generalist	Shrub to tree	0	0	24	307	32	459
<i>Clerodendrum myricoides</i>	LAMIACEAE	Maraasissaa	Pioneer	Shrub	6	35	1	1	2	6
<i>Coffea arabica</i>	RUBIACEAE	Buna	Forest specialist	Small tree	3	60	46	9683	32	323
<i>Cordia africana</i>	BORAGINACEAE	Waddeessa	Generalist	Tree	12	44	20	86	9	16
<i>Crossopteryx febrifuga</i>	RUBIACEAE	Unknown	Generalist	Tree	0	0	1	2	0	0
<i>Crotalaria exaltata</i>	FABACEAE	Bilbiilee	Pioneer	Shrub	0	0	1	1	0	0
<i>Croton macrostachyus</i>	EUPHORBIACEAE	Bakaniissa	Pioneer	Tree	21	140	27	83	35	271
<i>Cupressus lusitanica</i>	CUPERESSACEAE	Gaatiraa faranjii	Planted	Tree	2	16	0	0	0	0
<i>Dalbergia lactea</i>	FABACEAE	Unknown	Pioneer	Tree	0	0	2	2	3	13
<i>Deinbollia kilimandscharica</i>	SAPINDACEAE	Unknown	Forest specialist	Tree	0	0	0	0	2	2
<i>Diospyros abyssinica</i>	EBENACEAE	Lookkoo gurraacha	Forest specialist	Tree	0	0	9	42	3	16
<i>Discopodium pennlinervium</i>	SOLANACEAE	Reejii arbaa	Generalist	Tree	3	33	0	0	1	4
<i>Dombeya torrida</i>	STERCULIACEAE	Daannisa	Pioneer	Shrub to tree	2	3	0	0	5	13
<i>Dracaena afromontana</i>	DRACAENACEAE	Algee	Forest specialist	Shrub	0	0	4	28	33	1222
<i>Dracaena fragrans</i>	DRACAENACEAE	Eemoee	Planted	Shrub to tree	0	0	8	231	11	743
<i>Dracaena steudneri</i>	DRACAENACEAE	Bubiftuu/Yubdoo	Forest specialist	Shrub to tree	2	4	6	18	9	32
<i>Ehretia cymosa</i>	BORAGINACEAE	Ulaagaa	Generalist	Shrub to tree	4	33	24	97	10	56
<i>Ekebergia capensis</i>	MELIACEAE	Orooroo	Forest specialist	Tree	2	2	2	4	6	18
<i>Elaeodendron buchananii</i>	CELASTRACEAE	Lookkoo	Generalist	Tree	1	5	18	39	12	138
<i>Entada abyssinica</i>	FABACEAE	Hambaltaa	Pioneer	Tree	2	3	2	2	0	0
<i>Erythrina abyssinica</i>	FABACEAE	Waleensuu	Planted	Tree	7	75	0	0	0	0
<i>Erythrina brucei</i>	FABACEAE	Beroo	Pioneer	Tree	16	221	1	1	1	1
<i>Erythrococca abyssinica</i>	EUPHORBIACEAE	Agabaatee	Generalist	Shrub	0	0	9	56	4	15

<i>Erythrococca trichogyne</i>	EUPHORBIACEAE	Qayii	Forest specialist	Small tree	0	0	9	98	13	114
<i>Eucalyptus camaldulensis</i>	MYRTACEAE	Baargamo dimaa	Planted	Tree	1	4	1	1	1	5
<i>Eucalyptus citriodora</i>	MYRTACEAE	Baargamo	Planted	Tree	1	1	0	0	0	0
<i>Eucalyptus globulus</i>	MYRTACEAE	Baargamo adii	Planted	Tree	2	100	0	0	0	0
<i>Eugenia bukobensis</i>	MYRTACEAE	Unknown	Forest specialist	Small tree	0	0	0	0	1	2
<i>Euphorbia abyssinica</i>	EUPHORBIACEAE	Adaamii	Pioneer	Tree	4	111	2	2	1	2
<i>Fagaropsis angolensis</i>	RUTACEAE	Qomanyoo	Forest specialist	Tree	0	0	7	25	2	3
<i>Ficus exasperata</i>	MORACEAE	Baalan-soofii	Pioneer	Small tree	1	3	2	3	1	7
<i>Ficus glumosa</i>	MORACEAE	Anuunuu (unknown)	Generalist	Tree	0	0	0	0	1	1
<i>Ficus ovata</i>	MORACEAE	Qelenxoo	Generalist	Small tree	0	0	1	1	0	0
<i>Ficus sur</i>	MORACEAE	Harbu	Generalist	Tree	3	15	9	34	19	65
<i>Ficus thonningii</i>	MORACEAE	Dambii	Generalist	Small tree	1	3	3	10	1	1
<i>Ficus vasta</i>	MORACEAE	Qilxu	Pioneer	Tree	1	1	2	2	1	1
<i>Flacourtia indica</i>	FLACOURTIACEAE	Akuukuu	Generalist	Small tree	2	5	3	7	6	10
<i>Galiniera saxifraga</i>	RUBIACEAE	Mixoo-sarer (Unknown)	Forest specialist	Small tree	0	0	16	89	49	586
<i>Gardenia ternifolia</i>	RUBIACEAE	Gaambelaa	Pioneer	Small tree	1	2	0	0	0	0
<i>Grewia ferruginea</i>	TILIACEAE	Laankanoo	Pioneer	Shrub	1	1	3	8	0	0
<i>Hallea rubrostipulata</i>	RUBIACEAE	Anuunuu	Forest specialist	Tree	0	0	1	2	1	2
<i>Hibiscus diversifolius</i>	MALVACEAE	Inchinii dimaa	Pioneer	Shrub	1	20	0	0	0	0
<i>Hibiscus macranthus</i>	MALVACEAE	Inchinii daalacha	Pioneer	Shrub	0	0	1	1	0	0
<i>Hypericum revolutum</i>	GUTTIFERAE	Ulee-foonii	Pioneer	Small tree	0	0	0	0	1	1
<i>Ilex mitis</i>	AQUIFOLIACEAE	Qetoo/Kefoo	Forest specialist	Tree	1	1	1	12	11	64
<i>Indigofera arrecta</i>	FABACEAE	Henaa/Enaa	Pioneer	Shrub	2	11	0	0	0	0
<i>Justicia schimperiana</i>	ACANTHACEAE	Dhummugaa	Generalist	Shrub	4	95	16	488	17	1079
<i>Lannea schweinfurthii</i>	ANACARDIACEAE	Booqqoo	Generalist	Tree	0	0	4	4	1	2
<i>Lannea welwitschii</i>	ANACARDIACEAE	Anuunuu	Forest specialist	Tree	0	0	2	3	0	0
<i>Lepidotrichilia volkensii</i>	MELIACEAE	Seehoo	Forest specialist	Tree	1	3	5	44	15	95
<i>Macaranga capensis</i>	EUPHORBIACEAE	Wongoo	Forest specialist	Tree	0	0	16	165	27	305
<i>Maesa lanceolata</i>	MYRSINACEAE	Abbayyii	Generalist	Tree	14	118	18	59	33	211
<i>Manilkara butugi</i>	SAPOTACEAE	Gawoo	Forest specialist	Tree	0	0	1	1	0	0
<i>Maytenus arbutifolia</i>	CELASTRACEAE	Ombooroo	Generalist	Shrub	11	126	24	840	40	750
<i>Maytenus gracilipes</i>	CELASTRACEAE	Kombolcha	Forest specialist	Shrub	3	20	0	0	0	0
<i>Maytenus senegalensis</i>	CELASTRACEAE	Ombooroo	Pioneer	Shrub	3	23	1	2	3	24
<i>Maytenus sp.</i>	CELASTRACEAE	Qoraatii	Generalist	Shrub	0	0	6	70	4	25
<i>Maytenus undata</i>	CELASTRACEAE	Kolaatii	Generalist	Shrub	0	0	0	0	3	16
<i>Milletia ferruginea</i>	FABACEAE	Astiraa	Forest specialist	Small tree	9	50	33	388	30	272
<i>Mimusops kummel</i>	SAPOTACEAE	Qolaatii	Generalist	Tree	0	0	5	11	4	18
<i>Myrsine africana</i>	MYRSINACEAE	Qachama	Generalist	Shrub	0	0	0	0	1	9
<i>Nuxia congesta</i>	LOGANIACEAE	Qachama	Forest specialist	Small tree	1	1	0	0	1	1
<i>Ocimum lamiifolium</i>	LAMIACEAE	Damaakkase	Pioneer	Shrub	0	0	1	2	0	0
<i>Olea welwitschii</i>	OLEACEAE	Bayaa	Forest specialist	Tree	0	0	11	28	25	63
<i>Oxyanthus speciosus</i>	RUBIACEAE	Imbraangoo	Forest specialist	Shrub	0	0	6	38	16	101
<i>Pavetta abyssinica</i>	RUBIACEAE	Xummaanee	Forest specialist	Small tree	0	0	2	15	19	622
<i>Pentas schimperiana</i>	RUBIACEAE	Simararuu	Pioneer	Shrub	0	0	0	0	3	3
<i>Phoenix reclinata</i>	ARECACEAE	Meexxii	Pioneer	Tree	3	58	1	1	9	50
<i>Phyllanthus mooneyi</i>	EUPHORBIACEAE	Qachama	Pioneer	Shrub	1	7	2	11	1	9
<i>Phyllanthus ovalifolius</i>	EUPHORBIACEAE	Qachama	Generalist	Small tree	0	0	3	11	2	47
<i>Phyllanthus reticulatus</i>	EUPHORBIACEAE	Qachama	Pioneer	Shrub	0	0	3	14	3	51
<i>Pittosporum viridiflorum</i>	PITTOSPORACEAE	Soollee	Forest specialist	Small tree	0	0	6	15	10	24
<i>Plectranthus garckeianus</i>	LAMIACEAE	Yaryoo	Generalist	Shrub	0	0	1	5	0	0
<i>Podocarpus falcatus</i>	PODOCARPACEAE	Birbirs	Forest specialist	Tree	0	0	0	0	12	29
<i>Polyscias fulva</i>	ARALIACEAE	Daraku/Kariyoo	Forest specialist	Tree	0	0	8	9	9	11
<i>Pouteria adolfi-friederici</i>	SAPOTACEAE	Qararoo	Forest specialist	Tree	0	0	7	21	35	161
<i>Premna schimperi</i>	LAMIACEAE	Maraasisaa	Pioneer	Small tree	0	0	2	4	0	0
<i>Prunus africana</i>	ROSACEAE	Oomoo	Forest specialist	Tree	1	1	3	3	9	63
<i>Psidium goajava</i>	MYRTACEAE	Zayituunaa	Planted	Small tree	1	8	2	15	0	0
<i>Psychotria orophila</i>	RUBIACEAE	Wandabiyoo	Forest specialist	Small tree	0	0	9	149	25	657
<i>Rhamnus prinoides</i>	RHAMNACEAE	Geeshee	Pioneer	Shrub	3	30	3	21	4	16

<i>Ritchiea albersii</i>	CAPPARIDACEAE	Agabaatee	Pioneer	Small tree	0	0	0	0	2	3
<i>Rothmannia urcelliformis</i>	RUBIACEAE	Mixoo	Forest specialist	Small tree	1	4	22	138	13	31
<i>Rytigynia neglecta</i>	RUBIACEAE	Mixoo	Forest specialist	Shrub	3	32	13	105	29	491
<i>Sapium ellipticum</i>	EUPHORBIACEAE	Bosoqqa	Generalist	Tree	3	9	4	5	6	43
<i>Sarcocephalus latifolius</i>	RUBIACEAE	Diboo	Pioneer	Small tree	1	5	1	25	0	0
<i>Schefflera abyssinica</i>	ARALIACEAE	Gatamaa	Forest specialist	Tree	0	0	6	7	13	21
<i>Schefflera myriantha</i>	ARALIACEAE	Bottoo	Forest specialist	Small tree	0	0	0	0	1	3
<i>Senna occidentalis</i>	FABACEAE	Salaamakii dimaa	Pioneer	Shrub	3	20	13	166	3	60
<i>Senna petersiana</i>	FABACEAE	Salaamakii adii	Pioneer	Shrub	4	31	12	178	7	21
<i>Sesbania sesban</i>	FABACEAE	Sasbaaniyaa	Planted	Shrub	3	13	0	0	0	0
<i>Solanecio gigas</i>	ASTERACEAE	Doomboorokoo	Pioneer	Shrub	1	2	2	20	9	50
<i>Solanecio mannii</i>	ASTERACEAE	Haamitii baloo	Forest specialist	Small tree	0	0	2	2	8	39
<i>Solanum giganteum</i>	SOLANACEAE	Unknown	Generalist	Shrub	0	0	0	0	1	1
<i>Stereospermum kunthianum</i>	BIGNONIACEAE	Bootoroo	Pioneer	Small tree	2	5	0	0	0	0
<i>Syzygium guineense</i>	MYRTACEAE	Baddeessa	Forest specialist	Tree	1	1	12	69	47	293
<i>Teclea nobilis</i>	RUTACEAE	Hadhessaa	Forest specialist	Small tree	0	0	7	46	21	207
<i>Terminalia laxitlora</i>	COMBRETACEAE	Dabaqaa	Pioneer	Tree	1	1	0	0	0	0
<i>Trichilia dregeana</i>	ASTERACEAE	Anuunuu	Forest specialist	Tree	0	0	6	25	14	121
<i>Unidentified sp.</i>	RUBIACEAE	Mixoo	Generalist	Shrub	0	0	3	60	9	120
<i>Vepris dainellii</i>	RUTACEAE	Hadhessaa babal'a	Forest specialist	Small tree	0	0	19	165	50	510
<i>Vernonia adoensis</i>	ASTERACEAE	Turujee	Pioneer	Shrub	2	7	1	5	1	3
<i>Vernonia amygdalina</i>	ASTERACEAE	Ibicha	Generalist	Shrub	13	89	7	32	14	80
<i>Vernonia auriculifera</i>	ASTERACEAE	Reejii	Pioneer	Shrub	36	805	25	650	25	688
<i>Vernonia bipontini</i>	ASTERACEAE	Sooyyama	Pioneer	Shrub	1	5	0	0	0	0
<i>Vernonia hochstetteri</i>	ASTERACEAE	Xasee	Pioneer	Shrub	2	11	1	10	4	6
<i>Vernonia sp.1</i>	ASTERACEAE	Xasee-dimaa	Generalist	Shrub	0	0	0	0	1	3
<i>Vernonia sp.2</i>	ASTERACEAE	Reejii arbaa	Pioneer	Shrub	0	0	2	9	2	3
<i>Vernonia thomsoniana</i>	ASTERACEAE	Sooyyama	Pioneer	Shrub	1	4	0	0	2	8

Table S5. Result of linear model explaining woody plant abundance in the three different land-use types. The coefficient indicates the difference between farmland, forest with coffee management, and forest without coffee management, with farmland being the reference level. Significance levels are indicated by: * where $P < 0.05$, ** where $P < 0.01$, *** where $P < 0.001$. See also Fig. S2.

Response	Term	Coefficient	Standard error	P-value
Woody plant abundance	Intercept	38.78	12.50	0.002 **
	Forest with coffee management	318.00	20.02	<0.001 ***
	Forest without coffee management	193.79	18.30	<0.001 ***

Figure S1. Illustrating for the correlations/trade-offs between the potential supplies of these 11 different ecosystem services across the landscape. Note that: hcw = house construction wood service; faimp = farm implements; fulw = fuelwood; honp = honey production; fenc = fence; medc = medicine; cofs = coffee shade; soilf = soil fertilisation; hhut = household utilities; potm = poles and timber; anfd = animal fodder potential supply. The numbers in the panel are correlation coefficient and the * show the significance level.

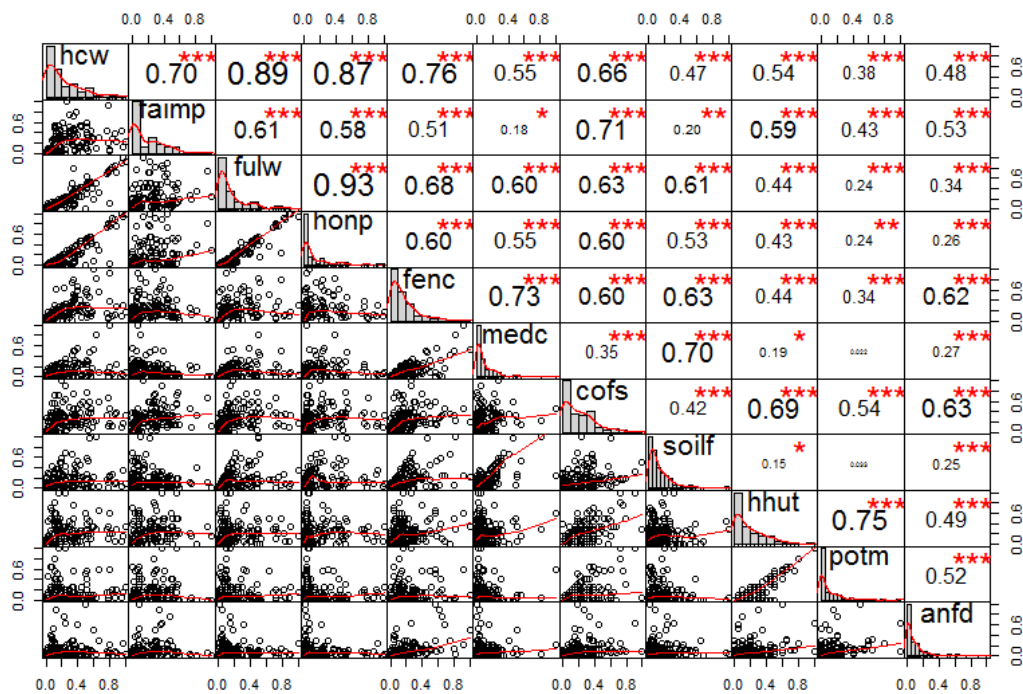


Figure S2. Boxplots illustrating woody plant abundance in different land-use types. 1f= Farmland, 2c= Forest with coffee management, and 3n= forest without coffee management.

