

## **Table A1.1:** Site description and kinds of AfDE encountered during regional survey

П	Α	В	С	D	Е	F	G	Н	T 1
1	lat.	lon.	County	Language / Clan	Name	Site Description	Currently forming AfDE	Swidden field on	Sacred Agroforest on
2							surrounding village/town	abandoned AfDE site	abandoned AfDE site
3	7.08889	-9.81751	Bong	Southern Kpelle	Baletulah	old town spot, planted with rice.			1 0
4	7.07657	-9.86948	Bong	Southern Kpelle	Bosama	old town spot, planted with maize and vegetables.		)	1 0
5	7.06638	-9.87518	Bong	Southern Kpelle	Boyeta	old town spot, tree crops	(		0 1
6	7.10962	-9.63111	Bong	Southern Kpelle	Dumah	old town spot with very black earth, in 2nd year of cultivation, first year was rice, now sugar cane. Various tree crops retained			1 0
7	7.01911	-9.94176	Bong	Southern Kpelle	Faulknero	old town spot with coffee etc., another had been farmed but now fallow		)	1
8	7.11018	-9.6156	Bong	Southern Kpelle	Gaytoi	old town spot, dark soils, tree crops		)	0 1
						old town spot with forest, some tree crops. Town surrounded by black middens, has been in the same spot for v long time. population			
9	7.03329	-9.92971	Bong	Southern Kpelle	Gbamokollie-ta	1000. middens planted with plantain, orange etc.	1	L (	J 1
						population 600. surounded by middens, plantain, cocoa, kola etc. 4 old spots, 2 with cacao, kola etc., 3 was farmed, now fallow, 4 is a			
10	7.07843	-9.86167	Bong	Southern Kpelle	Gbogbo-ta	vegetable garden (Bosama)	1	. (	) 2
11	7.62699	-9.57501	Bong	Gissima Loma	Gbokolomie	Satellite village for Wenwuta, used to be much large. Circular AfDE around village with ring of plantain and tree crops. Population < 100	1	L (	) 0
						population 4000, still in old spot, middens. Towns with old spots closeby: Bongay, old spot with cacao, fruits. Belleman, old town spot with			
12	7.11623	-9.7795		Southern Kpelle	Gbonota	cocao, orange, piata, old spot with cacoa, kola.	1	L (	) 3
13	7.08921	-9.67017		Southern Kpelle	Gokai	3 old spots, 1 is tree crops, 2 others see Jaqui and Jaq-old (old spot for Jaqui)	(		0 1
14	7.08416	-9.70181	Ü	Southern Kpelle	Gwamtayea	3 old town spots, all with tree crops		<u> </u>	0 3
15	7.08527	-9.66593	Bong	Southern Kpelle	Jaiqui	old town spot, center left with tree crops, adjacent areas cultivated with rice & cassava	(	) (	0 1
ll						old town spot with dark soils, center left with orange, coffee, kola, cacao trees, adjacent field in 2nd year of cultivation with rice, corn,			
16	6.99127	-9.95493	Bong	Southern Kpelle	Junkar	bulgar wheat, cassava, plantain, bitter ball etc.	(	)  :	<u>ı 1</u>
ll						old town spot with kola etc. Adjacent to village however there was old rubber grove with dark brown soils, locals say no memory of it			
						being an old spot, but found iron tools there. Planted with rice and corn. No way of knowing if these soils are anthropogenic without			
17	6.99915	-9.95144		Southern Kpelle	Kamara	testing		) (	) 1
18	7.08482	-9.83746		Southern Kpelle	Lamanta2	midden behind village with plantain etc. old town spot tree crops	1		0 0
19	7.05057	-9.89431		Southern Kpelle	Lamanta	old town spot, tree crops			0 1
20	7.11646	-9.6112		Southern Kpelle	Lanyah	hilltop dark earth site, planted in rice + womens crops, kola and cutting trees retained			1 0
21	7.08735	-9.71856	Bong	Southern Kpelle	Leku-ta	3 old spots, 1 planted with veg, now fallow, 2 & 3 cocao, orange etc.	(	0	0 2
			_			old Town Spot close to Bopolu, now cleared into two different rice fields. Soils dark and repele with ceramics but not too different to			
22	7.0599	-10.4872		Southern Kpelle	Mopomai	natural dark brown soils observed in the region.	(	) :	1 0
23	7.08471	-9.79908	Bong	Southern Kpelle	Nyain	middens, old town spot with cacao	1		0 1
١				6 11 17 11		moved from old town spot in the 1930s, which is located on a nearby hill, and the town moved because of water shortage there. The old	_		
24	7 40450	0.75070	Bong	Southern Kpelle	Sanoyea	spot is planted with tree crops, but rice farming on the hillside.	(		0 1
25		-9.76273		Southern Kpelle	Tayama	old town spot, tree crops	(	`	0 1
26	7.08682	-9.73622	Gbarpolu	Southern Kpelle	Wayemue	2 old spots, 1 cacao grove, 2 graveyard		<u> </u>	0 0
27	7.0624				Borborta	Old Town spot adjacent to Bopolu town, now with settlement ontop	1		0 0
28	7.06557 7.07042		Gbarpolu		Darkforest	AfDE area under urban Bopolu	(		1 0
29	7.07042		Gbarpolu Gbarpolu		Goldcamp	Old Town spot adjacent to Bopolu town, cleared for planting with vegetables.  Town close to Bopolu, with distant old town spot			0 1
30	7.07905	-10.4/0/	Goarpolu	LUIIId	Sapema	Town close to popula, with distant old town spot		,	1 1
31	7 05212	-10 2004	Gbarpolu		Totoquelle	Old town spot adjacent to current settlement, some coffee planted and kola etc., but mainly used for secret society activities	,	,	1
31	,.03212	10.3334	Suai polu		Totoquelle	on town spot adjacent to unient settlement, some conee planted and told etc., or mainly used not secret society activities liggest town visited. Pop 13,900. Before was 7 villages which joined together to defend themselves during tribal war. These villages have	(	1	<u>'</u>
						hold town spots with coffee, cocoa, kola etc. Forbidden to make rice farm on old town spots. The town today has a large old town spot			
						surrounded by AfDE, which was abandoned during the war, and is now being reinhabited by some people, but most of the population has			
						created a new town spot in an adjacent old plam plantation. While this town has the largest area of AfDE we have encountered, only a			
						few areas were cultivated, large areas were reserved for individuals who were going to reconstruct houses. There were only 3 proper			
						gardens in AfDE. 1 planted with edo, with cacao and coffee behind, 2 with potato, edo, plantain and aubergine, 3 with rice, maize and			
32	7.90799	-9.4584	Lofa	Multi	Borkeza	plantain.	1	را د	4
Ħ							•		†
33	7.82698	-9.46753	Lofa	Gissima Loma	Fissebu	We stopped briefly on the way to Borkeza. Old town spot with AfDE is now reinhabited by people, some small kitchen gardens	(		1 0
34	7.63972	-9.5207		Gissima Loma	Gayflor	Village adjacent to Yanzisiy AfDE site. Population 300	(	) (	0 0
П					, ·	Population 3500. Town is formed from 5 quarters, each has an old town spot. According to the people each has dark soils and tree crops			
35	7.50623	-9.55309	Lofa	Barlain Kpelle	Gbonyea	We visited one (see Jangay)	1	ι  (	٥ (د
				·	,				
						This site was abandonded and its inhabitants moved to Gbonyea. It was some 1.5 hours walk from Gbonyea, including wading across			
36	7.29565	9.35579	Lofa	Barlain Kpelle	Jangay	river. Jangay is on low hill, now covered in old cacao, kola and massive cotton trees. black AfDE underneath and visible walls.	(	) (	) 1
ll						Old town spot on hill 20 mins fom Kpayakollie. Dark soils + pottery at each edge of ridge. Cocoa, coffee, citrus, and certain useful plants			
37	7.47639	-9.60692	Lofa	Barlain Kpelle	Kollita	found at old town spots, such as "medicine pepper." The slopes of the hill, also with dark soils cultivated with rice.	(		) 1
				-					

П	Α	ВС	D	F	F	G	н	1
H	^	ВС			Old town spot now four hours walk away, not farmed. Some current middens. There are 4 old town spots closeby with dark earths		- 11	'
					associated. One is Kollita (see above), another has a village and tree crops, the chief has another planted with cacca, while the final one is			
38	7 46692	-9.60617 Lofa	Barlain Kpelle	Kpayakolle	planted with tree crops. 3000 people live in town today, with 2000 in satellite villages		1	0 3
30	7110032	3.00017 20.0	Burrain Rpene	празаконе	In its original spot, ring of AfDE around and under town, orange, banana plantain, but not particularly taken advantage of. Town soon to		-	3
39	7 498	-9.62219 Lofa	Barlain Kpelle	Kpeteyea	profit from giving timber concessions		1	0
33	71.150	3.02213 20.0	Barrani Kpene	прессуса	No old town spot, this is located in its original spot on a hilltop, which is surrounded with middens. Population 1000 / 1500. Middens		-	
40	7.4896	-9.62855 Lofa	Barlain Kpelle	Kponwonsanyea	planted with plantain, cacao etc., but restricted because of erosion due to hilltop location		1	0
41	7.61664		Burron Rpene	Salayea	planted with plantain, adda etc., but restricted because of crossin add to minop location		0	0 1
					One of the old quarters of Zolowo. Now covered in anthropogenic forest, essentially a sacred grove on AfDE. Its chief explained "our			
					forefathers moved and planted tree crops for memory. Nobody can make farm on old spots, they still bury people there. When a child is			
42	7.66392	-9.53743 Lofa	Barlain Kpelle	Vorkorzu	born a kola tree is planted, which is then protected. These are still planted in old town spots or adjacent to them.		0	0 1
					Town is now located on its original old spot, but did once relocate before moving back, creating an old spot closeby. This is our most			
					promising research location to date. Town is surrounded by a large, deep circular AfDE ring site. The inner ring with "active" middens (still			
					receiving nutrient additions in the form of garbage, charred material such as palm nuts etc) is cultivated with plantain, sweet potato, edo	,		
					(malanga), papaya. This area is also mined for soil in plant seedlings. The outer ring of middens is planted with cocoa, orange, kola,			
					avocado etc. Village is also surrounded with massive cotton trees. Further out are rice fields, some have dark brown soils, these are not			
1					old town spots, but have charcoal at great depths. These soils certainly have a long history of farming, and therefore may be terra mulata			
					analogues. Caution should be taken with this interpretation however. There are plenty of natural dark brown soils in this region (Ultisols I			
43	7.60993	-9.57463 Lofa	Gissima Loma	Wenwuta	imagine). As expected, the common assertion that Lib		1	0 2
					3.3 km from Zolowo. Large hilltop / ridge AfDE site. Big cotton trees, old cocoa and even taperiba (hog plum, AfDE indicator species in the			
44	7.63598	-9.52601 Lofa	Gissima Loma	Yanzisiy	Amazon). The center of the AfDE site is not cultivated, but either side were planted with rice, banana, maize etc.		0	2 1
					Large market town. Zolowo itself has AfDE under parts of the town, and in a large midden area planted with tree crops, furthermore, each	4		
					quarter of the town has its own old town spot, which were abandoned after town centralised. Tree crops were planted by people after	•		
45		-9.54452 Lofa	Gissima Loma	Zolowo	they were abandoned, as soils are fertile. These and other trees are left there for "rememberance"		0	0 5
46		-9.25457		bleitoi			-	0 0
47		-9.27252 Bong	Kpelle	Bobofarm	site close to Palala, had been planted with maize etc. soils not convincingly anthropogenic		•	0 0
48	6.98155	-8.90094 Nimba	Mano	bopakpor	Hilltop dark earth site, agroforest with cocoa, coffee, avocado, orange plantain, coffee		0	0 1
					Town, pop 1870, close to Saclipea, on the road to Bahn. Large area of black earth surrounding it, with extensive cacao grove with cotton	1		
49	7.01316		Mano	Boweh	tree and taperiba and LOADS of ceramics. A little bitter ball planted in dark earth close to town		1	0 0
50	7.03127	-9.27519 Bong	Kpelle	Dumbar	americo-liberian farm on AfDE site		0	0 0
l					Town, pop. 5000, close to St. John river in Nimba, various large AfDE sites / old spots closeby, 2 with agroforests listed here, for others see			
51			Mano	Duo	duoold, powiempa and tudenkpoa		0	0 2
52		-9.11848 Nimba	Mano	Duoold	Old spot for Duo town. Dark soils, cacao grove, very small pepper swidden.		0	1 1
53 54	6.90748		Mano	Ganweekpoo	small swidden with cassava, rice, edo, banana, pepper.		-	1 0
54	7.0079	-9.40182 Nimba	Mano	gbanjah	Homestead, with dark earth around the house, in an adjacent cassava field, and under rubber plantation		1	1 1
55	6.91418	-8.84285 Nimba	Mano	Changue:	town, pop 3800, close to Saclipea, on road to Tappita. Various old town spots (including Gwehpakpoa). All save the swidden at		0	
56		-9.39692	IVIAIIU	Gbanquoi gbaota	Gwehpakpoa have cacao agorforests		0	0 0
56		-9.39692 -8.91428 Nimba	Mano	-	town, 5 old spots, all with cacao, kola, 1 with rubber, plantain		-	0 6
5/	7.00418		IVIDITO	Gbeneta	сомі, э она эросэ, ан міні сасаб, кога, і міні нивлет, ріанкані			0 0
58	7.00418			gonicana			-	0 0
60	6.98623			Graveyard				0 0
61	6.88285		Mano	Guawin	town, population 1715, 4 old spots with kola, coffee, cocoa		-	0 4
91	0.00203	S.JOJ/ T INITIDO		Cadvill	Old town spot, with rubber, cacao and swidden. Swidden with rice, cassava, plantain bitter ball. Cultivated continuously for 5 years. Soils		1	4
62	6.92143	-8.8489 Nimba	Mano	Gwehpakpoa	not dark or convincingly anthropogenic		0	1
63		-8.91865 Nimba	Mano	Kpallah	town, west of saclipea, population 4196. Various old spots, see kpallah kpor, mopakpor, wawinkporo and bopakpor		0	0 0
1	2.37.333	2.2.2005 11			Kpallah old spot. Covered with old cacao grove, part of which has recently been cut, planted with cucumber, the pepper, and owner will		-	<u> </u>
64	6.98737	-8.90536 Nimba	Mano	Kpallah Kpor	rehabilitate cacao after harvesting pepper.		0	1 1
H	2.30.37	2.20000 11			A village made up of former railroad workers, bassa, mano, kpelle, gio. 250 people. They claimed to have 4 vegetable farms on AfDE, but		-	1
65	6.90119	-9.12977 Bong	Multi	Lango camp	unable to verify because of distance and weather		0	4
66			Mano	Mopakpor	loid spot close to Kpallah: cacao grove		0	0 1
67			Kpelle	More Farm	Large AfDE site on road close to Gbarnga, planted with maize, okra, cabbage and lettice			1 0
68	6.8938	-8.8707 Nimba	Mano	Nyasin	town, population 1410, surrounded by large AFDE site, with cacao, grapefruit, kola			0 0
69	6.89506	-8.87243		Old	71-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		0	0 0
70	7.00146			Palala			-	0 0
71			Mano	Powiempa	AfDE site with cacao, kola, taperiba, cotton tree. Around the edges, swidden with plantain, pepper, maize		0	1 1
							- 1	-

П	Α	В	С	D	E	F	G	Н	I
						this site is on close to Saclipea, to the west, town rapidly encroching. Black earths, cocoa groves, larger trees being removed for wood.			
						ceramics. Large swidden that was cleared in 2008, cultivated with rice, 2009 with corn, 2010 with corn. Also some plantain, okra, bitter	•		
72	6.95813	-8.86011 Ni	imba	Mano	Sanguor	ball there			1
						town, population 1205, 3 old spots close to town. 2 cocao farms, 1 small swidden with cassava, rice, edo, banana, pepper. See zoazoah			
73	6.906	-8.92032 Ni	imba	Mano	Tengbhin	and ganweekpoo		o l	0 1
74	7.04662	-9.25456			Tomato Camp		(	)	0 0
						hilltop AfDE site right by st. john river. Center of site cotton trees, cocoa, grapefruit, kola, on the site, cleared for a swidden with mostly			
75	6.91063	-9.12581 Ni	imba	Mano	Tudenkpoa	pepper, some plaintain, edo, okra, yam, aubergine, bitter ball		)	1
76	6.86312	-9.16931			Veg			)	0
77	7.13389	-9.06572			Venn Town			)	0 0
78	6.97868	-8.90227 Ni	imba	Mano	Wawinkporo	cassava farm in 2009, agroforest		)	1
79	7.15042				Wolena			)	0 0
80	6.85754	-9.16078 Bo	ong	Kpelle	Yopea	Town, population 1000. 6 old spot, 5 with cocoa, kola, citrus, 1 with vegetables and cocoa		)	1 5
81	6.92029	-9.19782 Bo	ong	Kpelle	Zebay	large town, with middens around it		1	0
82	6.96114	-8.82447 Ni	imba	Mano	Zennepa	planted with rice in 2009, and again in 2010.		)	1 0
83	6.90768	-8.91815			Zoazoah	AfDE site with cacao, close to tengbhin		)	0 1
84	6.81504	-9.18923 Bo	ong	Kpelle	Zowenta	town, population 4750, surrounded by ring of black soil with cacao, coffee, edo, 15 old spots all with cacao, some with rubber and coffee		1	0 15
						Large AfDE site on road from Gbarnga to Lofa. Road goes straight through the site. Very black soils. 60 people live there. Lots of bananas			
85	7.05099	-9.46901 Bo	ong	Kpelle	Koryah	and plantain, cocoa, kola, avocado, grapefruit, cotton tree		1	0
						Old town spot for Wenwuta quarter. Large site area planted with cocoa, kola, cotton tree. Middens mixed in with non midden areas. Two			
86		-9.58615 Lo	-	Gissima Loma	Bacurtazi	adjacent rice fields possibly on AfDE, while kitchen area with AfDE surrounding it is close	(	ו	0 1
87	7.61687	-9.54864 Lo		Gissima Loma	Yarwaluwu	Satellite village for Wennwuta, used to be much larger. AfDE site adjacent. 1 rice field, 1 coco farm	(	)	1 1
88	7.63099			Gissima Loma	Wizita	small village, AfDE around it with fruit trees	:	1	0
89	7.63322			Gissima Loma	Volowozu	village with AfDE surrounding it, plantain, orange cocoa etc.	1	1	0 0
90	7.63474			Gissima Loma	Volowozu Old	old spot for Volowozu, planted with cocoa, kola and cotton trees	(	ו	0 1
91				Gissima Loma	Yankea	village, 1 old spot with cocoa	(	)	0 1
92	7.62726	-9.60118 Lo	ofa	Gissima Loma	Makesu	village, 2 old spot with cocoa	(	)	0 2
						Hilltop site with AfDE on side of hill with young fallow. Was planted with veg, some banana. Old town spot with cotton tree, ciciam coffee			
						in middle. Owners are not related to previous occupants (unusual), who left in owners grandfathers' time. Also with sacrificial stones,			
93		-9.51335 Lo		Gissima Loma	Babazu	graves	(	)	0 1
94		-9.51911 Lo		Gissima Loma	Betewalazu	village, surrounded with AfDE, fruit trees	-	1	0 0
95	7.6629	-9.52842 Lo	ofa	Gissima Loma	Borlorwotorsu	village, surrounded with AfDE, fruit trees	-	1	0 0
						On border with Guinea, population 7000. Town historically on hill, with dump areas extending down the hill. Now the town has spilt down			
96	8.01506	9.44038 Lo	ofa	Gissima Loma	Kpassagissia	the hillside and therefore the AfDE has houses on it. Small gardens of plantain and coffee. Women planting small patches of onion.	1	1	0 0
						Population 5000+. Large area of AfDE. Ring 0.5km thick where we observed it. Town has extended onto AfDE, so some small kitchen			
						gardens on it. AfDE planted with cacao, and with secret society area. Man noted that not all AfDE was dump, but also old fields that had			
-		9.58751 Lo		Gissima Loma	Boi	been cultivated many times.		1	0 0
98		9.46238 Lo		Gissima Loma	Wakesu	coffee	(	-	0 0
99	7.96424			Gissima Loma	Wakesu old	cofee	(	)	0 0
100	7.76459	9.43176 Lo	ofa	Gissima Loma	Zorzor	AfDE under town, used for kitchen gardens	(	)	0 0
101					Total		20	5 3	2 94