PALEON II ANPP from HIPS

Site Name: Goose Egg	Plot ID: GE1
Technicians: NP, DB, CL, AD, JL	Survey Date: 04/11/2014
Lat: 43.06769 Lon: 73.28870	+/- 21ft m Elev: 571m
First nest: 13 m radius, core DBH≥10cm	
Second Nest: 20m radius, core DBH ≥20cm	
Tally: 5m radius, 2.5cm≤DBH≤4.99cm 9m radius, 5cm≤DBH≤9.99cm	

Describe Site Location and Directions:

Shadbush - AMA - Amelanchier Arborium
Acer Rubrum - ACRU - Red maple
Ski slopes - QURU - Red Oak Quercus Rubram
QUAL - White OAK Quercus Alba
Pist - White Pine - Pinus Strobus

DOM
CODOM
Int.
Sup.

Tree survey
Status (Li = live, Sn = standing dead, Lo = log, St = stump)
Decay Class (Class1, 2, 3, 4, 5)
Canopy Position (S = suppressed, I = intermediate, C=Codominant, D = dominant)

	Tree ID	Core #	Species	dbh (cm)	Distance	Azimuth	Canopy Position	Status	Decay Class	Comments
JMF	GE101	N, S	Quercus Alba QUAL	43	8.0	1°	INT.	Li		
DB	GE102	S-N	PIST	35.3	9.0	359°	DOM	Li		
AD	GE103	N, S	PIST	58.4	10.8	20°	DOM	Li		
JMF	GE104	E-W	AMAR	10.7	6.0	44°	SUP	Li		
NP	GE105	N-S	ACRU	13.8	7.1	60°	SUP	Li		
DP	GE106	N-S (2)	PIST	23,9	10.9	1°	DOM	Li		
JMF	GE107	E, W	PIST	67.7	13.2	42°	DOM	Li		water inside
NP	~~GE108~~	~~N-S (2)~~	~~ACRU~~	~~19.7~~	~~13.7~~	~~61°~~	~~INT~~	~~Li~~		
JMF	GE109	E, W	ACRU	22.0	14.3	44°	INT	Li		Rotten
DP	GE110	N, S	ACRU	35.0	15.7	13°	CODOM	Li		
NP	GE108	E-W	QUMO	33.4	20.2	44°	INT	Li		
JMF	GE111	N, S	QURU	51.1	26.0	28°	DOM	Li		
AD	GE112	N, S	QURU	40.5	21.9	10°	CODOM	Li		
DP	GE113	N, S	PIST	56.0	27.5	6°	DOM	Li		
JMF	GE114	W, E	QURU	40.9	30.0	44°	INT	Li		
NP	GE115	E, W	PIST	50.4	29.7	64°	DOM	Li		
JMF	GE116	E, W	PIST	45.0	26.3	63°	CODOM	Li		
NP	GE117	E, W	PIST	48.8	26.4	73°	CODOM	Li		
?	GE118		QURU		21.9	86°		SN	3-4	~14ft

~13 → =10
20-30 → =30
13-20 → =20

2nd quadrant

Neil's snag (GE127) - extra sapling core in straw (different tree) ACRU - 1 core

~20-30m <30

	Tree ID	Core #	Species	dbh (cm)	Distance	Azimuth	Canopy Position	Status	Decay Class	Comments
DP	GE119	E, W	QURU	41.6	25.2	20°	CODOM	Li		
AD	GE120	E, W	QURU	43.9	27.5	20°	CODOM	Li		
JMF	GE121	N, S	QUAL	45.5	6.5	76°	CODOM	Li		
AD	GE122	N, S	QURU	27.9	4.1	109°	INT	Li		
NP	GE123	E, W	QURU	46.1	8.8	102°	CODOM	Li		
DB	GE124	N-S	PIST	19.8	9.3	~~111°~~ 136°	INT	Li		
DB	GE125	E-W	PIST	20.0	6.6	110°	SUP	Li		
JMF	GE126	E-W, N-S	OSVI	12.6	9.7	89°	SUP	Li		E-W core - not complete? lost part of bark?
NP	GE127	N-S	QUAL	39.1	10.8	97°	was INT?	Sn	3	rotten; intact snag - solid canopy reserves int
DB	GE128	E-W	PIST	15.6	6.4	138°	INT	Li		
AD	GE129	E, W	PIST	58.5	7.5	125°	DOM	Li		fire scar - uphill side (SW)
DB	GE130	N-S	QURU	30.4	14.7	115°	INT	Li		
JMF	GE131	E, W	PIST	44.5	12.8	97°	DOM	Li		
NP	GE132	E-W	QURU	29.7	18.8	105°	CO-DOM (crown pot was INT)	Li		release date should be near death date of GE118 (snag)
DB	GE133	E, W	QUAL	39.4	21.5	115°	CO-DOM	Li		
JMF	GE134	E, W	QUMO	42.5	10.7	169°	CO-DOM	Li		rotten
AD	GE135	N, S	PIST	44.1	16.0	134°	CO-DOM	Li		
NP	GE136	S, N	QURU	47.4	26.4	93°	CO-DOM	Li		rotten, scar uphill side
AD	GE137	N, S	PIST	40.1	15.8	149°	CO-DOM	Li		
JMF	GE138	E, W	ACRU	51.8	15.8	164°	INT	Li		
NP	GE139	N, S	QURU	40.3	28.6	130°	CO-DOM	Li		
DB	GE140	N, S	QURU	40.4	25.1	148°	CO-DOM	Li		
—	GE141	—	QU?	27.0	21.6	140°	—	Lo	3	- white or chestnut oak double stem
AD	GE142	N, S	QURU	50.3	28.5	160°	CO-DOM	Li		
	GE143	—	QU?	21.5	10.3	158°	—	Lo		short cores - kind of rotten in middle
JMF	GE144	E, W	QURU	47.3	6.8	191°	CO-DOM	Li		
DB	GE145	N-S	PIST	24.2	11.4	191°	SUP	Li		
NP	GE146	E-W	FAGR	10.2	3.3	233°	SUP	Li		
	GE147	—	ACRU	15.3	9.3	237°	SUP	Li		hollow, not cored
DB	GE148	N-S	PIST	21.0	12.0	207°	CO-DOM	Li		
NP	GE149	N, S (2)	ACRU	27.0	11.7	~~228°~~ 255°	CO-DOM	Li		rotten
AD	GE150	N, S	PIST	40.0	11.9	219°	CO-DOM	Li		
JMF	GE151	N-S	ACRU	15.2	7.4	185°	SUP	Li		2 cores
	GE152	—	QU?	25.5	8.5	230°	—	Lo		
DB	GE153	N-S	PIST	22.5	12.21	207°	SUP	Li		
NP	GE154	N, S	PIST	33.8	12.5	~~228°~~ 243°	CO-DOM	Li		
JMF	GE155	N-S	PIST	11.0	5.3	185°	SUP	Dead		
JMF	GE156	N, S	PIST	27.2	19.2	209°	CO-DOM	Li		
AD	GE157	N, S	QURU	47.9	18.2	197°	CO-DOM	Li		
NP	GE158	N, S	QURU	21.7	21.5	238°	CO-DOM	Li		
DB	GE159	N, S	PIST	40.3	22.3	222°	DOM	Li		
JMF	GE160	N, S	PIST	48	26.4	215°	DOM	Li		
DB	GE161	N, S	QUMO	46.1	30.0	215°	CO-DOM	Li		when measuring - look for tyloses

PALEON II ANPP from HIPS

Site Name:	Plot ID:
Technicians:	Survey Date:
Lat: Lon:	+/- _____ m Elev:
First nest: 13 m radius, core DBH≥10cm	
Second Nest: 20m radius, core DBH ≥20cm	
Tally: 5m radius, 2.5cm≤DBH≤4.99cm 9m radius, 5cm≤DBH≤9.99cm	

Describe Site Location and Directions:

4

pg. (2)
Plot 1

Tree survey
Status (Li = live, Sn = standing dead, Lo = log, St = stump)
Decay Class (Class1, 2, 3, 4, 5)
Canopy Position (S = suppressed, I = intermediate, C=Codominant, D = dominant)

	Tree ID	Core #	Species	dbh (cm)	Distance	Azimuth	Canopy Position	Status	Decay Class	Comments
AD	GE162	S	QUAL	46.3	28.8	240°	was co-dom?	Sn		snag - 18-20 m
JMF	GE163	E, W	PIST	44.0	22.8	191°	CO-DOM	Li		
DB	GE164	N, S	PIST	41.6	24.4	198°	CO-DOM	Li		when measuring, look for release in snag
NP	GE165	E, W	PIST	62	29.6	241°	DOM	Li		
	GE166	—	QU-	45.2	24.4	192°	—	Lo		—
	GE167	—	QU-	39.1	27.1	223°	—	Lo		
	GE168	—	PI-	28.9	22.1	221°	—	Lo		
	~~GE169~~		~~ACRU~~	~~12.4~~	~~13.5~~	~~240°~~		Sn		
JMF	GE170	E, W	QURU	40.5	29.8	276°	INT	Li	3	check tyloses
AD	GE171	E, W	QURU	30.7	25.5	284°	INT	Li		big snag next to it
NP	GE172	E, W	PIST	36.8	24.4	265°	CO-DOM	Li		
DB	GE173	E, W	BEPA	26.4	16.6	252°	CO-DOM	Li		rotten
JMF	GE174	E, W	PIST	51.5	22.1	278°	CO-DOM	Li		
JMF	GE175	E, W	PIST	37.4	22.1	282°	CO-DOM	Li		
AD	GE176	E, W	QUAL	45.9	20	303°	INT	Li		
DB	GE177	E-W	PIST	21.7	15.4	252°	DOM	Li		
—	GE178	—	QU?	27.1	9.5	262°	—	Sn		—
NP	GE179	N, S	PIST	41.4	21.5	296 ~~304~~°	CO-DOM	Li		296° azim
JMF	GE180	NE, SW	QURU	58.0	21.5	298 ~~308~~°	CO-DOM	Li		298° azim

	Tree ID	Core #	Species	dbh (cm)	Distance (m)	Azimuth	Canopy Position	Status	Decay Class	Comments
DB	GE181	E-W	PIST	31.0	18.3	306°	CO-DOM	Li		
AD	GE182	E,W	QURU	42.0	8.3	311°	CO-DOM	Li		
DB	GE183	E-W	PIST	39.0	22.4	306°	CO-DOM	Li		
NP	GE184	E,W	QURU	44.5	24.6	314°	CO-DOM	Li		
JMF	GE185	N,S	QURU	44.6	30.0	271°	CO-DOM	Li		
DB	GE186	N,S	QURU	51.8	15.5	340°	DOM	Li		
AD	GE187	E,W	QURU	39.1	10.9	288°	CO-DOM	Li		look at tyloses
JMF	GE188	N,S	QURU	35.1	27.8	331°	CO-DOM	Li		
NP	GE189	N,S	PIST	39.5	16.5	319°	CO-DOM	Li		
AD	GE190	N,S	ACRU	18.6	12.6	307°	SUP	Li		
—	GE191	—	QU?	27.8	15.5	340°	—	Sn	4	
JMF	GE192	N-S	PIST	12.5	9.0	330°	SUP	Li		
—	GE193	—	ACRU	10.3	9.4	318°	SUP	Li		hollow, not cored
JMF	GE194	—	QU?	12.6	7.5	318°	SUP	Sn	2	
	GE195	—	ACRU	20.8	5.9	328°	SUP	Sn		rotten - not cored
JMF	GE196	N-S	PIST	14.0	6.9	292°	INT	Li		
AD	GE197	E-W	QURU	30.5	4.4	274°	CO-DOM	Li		
DB	GE198	E-W	PIST	34.1	8.6	258°	CO-DOM	Li		
DB	GE199	N-S	PIST	21.1	12.3	300°	CO-DOM	Li		
NP	GE1100	N,S	PIST	54.0	3.2	339°	DOM	Li		
JMF	GE1101	E,W	PIST	19.7	8.4	286°	CO-DOM	Li		
	GE1102	—	PI?	29.3	15.8	279°	—	Sn	4	~6 meters tall snag
	GE1103	—	QU?	47.5	25.8	272°	—	LO	3	
	GE1104	—	PI?	41.0	22.1	281°	—	LO	4	
	GE1105	—	QU?	28.5	17.8	340°	—	LO	4	
	GE1106	—	QU?	21.8	16.5	352°	—	LO	3	
	GE1107	—	PI?	8.9	6.9	58°	—	LO	3	☆quadrant 1
	GE1108	—	BIPA	29.70	19.7	43°	—	LO	5	☆quadrant 1
	GE1109	—	QU?	20.7	19.7	45°	—	LO	3-4	☆quadrant 1

PALEON II ANPP from HIPS

Site Name:	Plot ID:
Technicians:	Survey Date:
Lat: Lon:	+/- _____ m Elev:
First nest: 13 m radius, core DBH≥10cm	
Second Nest: 20m radius, core DBH ≥20cm	
Tally: 5m radius, 2.5cm≤DBH≤4.99cm 9m radius, 5cm≤DBH≤9.99cm	

Describe Site Location and Directions:

26.4

Tree survey

Status (Li = live, Sn = standing dead, Lo = log, St = stump)

Decay Class (Class1, 2, 3, 4, 5)

Canopy Position (S = suppressed, I = intermediate, C=Codominant, D = dominant)

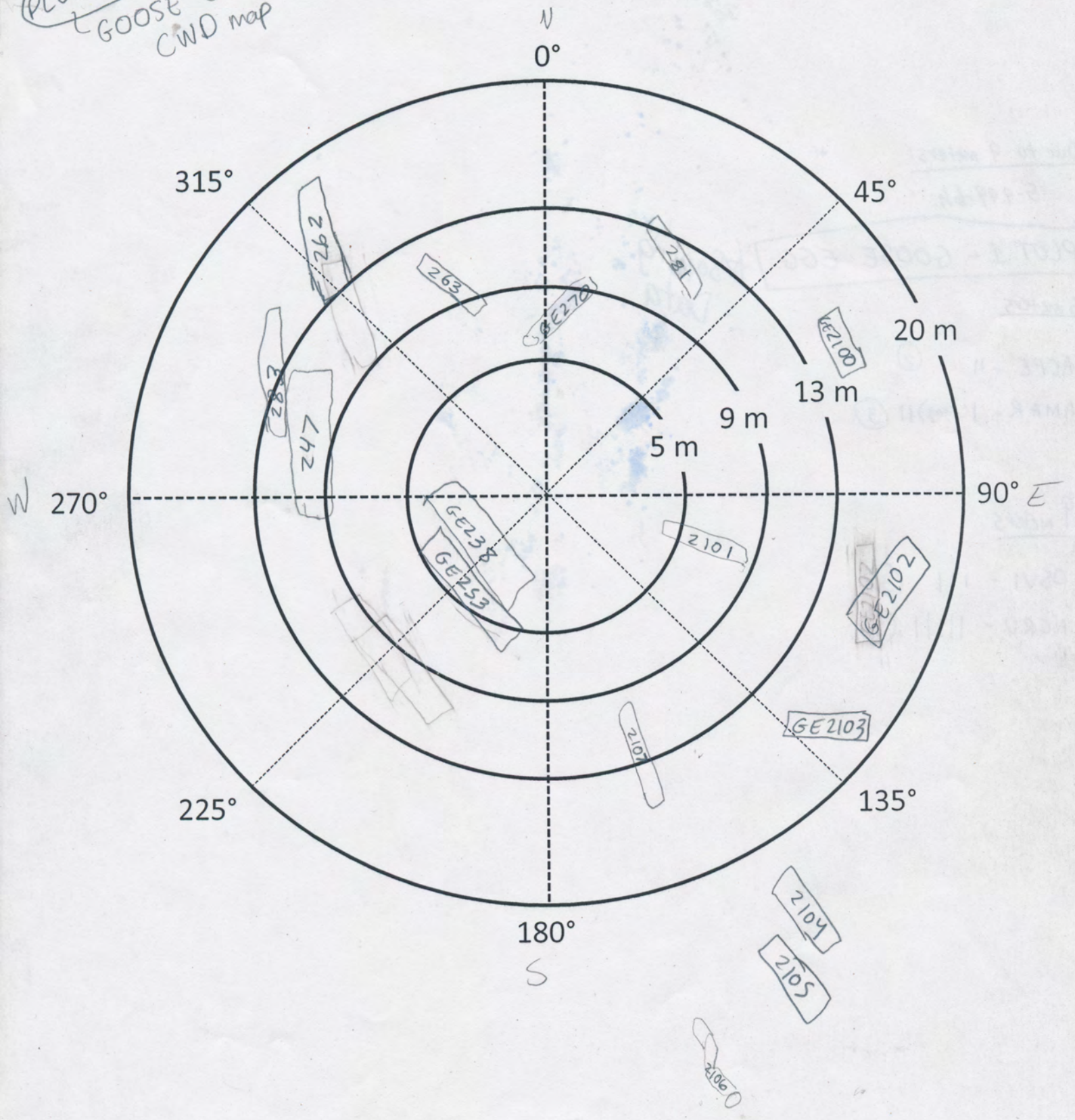
	Tree ID	Core #	Species	dbh (cm)	Distance	Azimuth	Canopy Position	Status	Decay Class	Comments
JMF	GE201	S,W	Pist	32.5	2.7	112°	CODOM	Li		
CL	GE202	S,N	Pist	37.2	3.8	133°	CODOM	Li		
NP	GE203	E,W	PIST	38.3	3.9	73°	CODOM	Li		
AD	GE204	N-S	PIST	26.3	9.1	82°	CODOM	Li		
NP	GE205	N,S	QU?	27.9	7.2	135°	SUPP	SN	2-3	
JMF	GE206	E,W	QUAL	39	12.9	155°	CODOM	Li		
CL	GE207	N,S,E	QURU	23.5	12.1	138°	CODOM	Li		Rotten, not worth saving
AD	GE208	N,S	QURU	42.3	11.9	111°	CODOM	Li		
JMF	GE209	E-W	Pist	19.5	12.3	101°	INT	Li		
CL	GE210	E,W	QURU	41.1	17.6	157°	CODOM	Li		
NP	GE211	E,W	PIST	48.3	14.2	145°	DOM	Li		
AD	GE212	E,W	QURU	29.5	21.1	162°	CODOM	Li		
AD	GE213	E-W	Pist	20.2	16.3	102°	INT	Li		
JMF	GE214	E,W	Pist	21.5	11.2	164°	CODOM	Li		
JMF	GE215	E,W	QUAL	46.4	16.5	178°	CODOM	Li		
NP	GE216	E,W	QUMO	31.7	24.9	95°	CODOM	Li		
NP	GE217	S,W	PIST	35.4	26.4	105°	CODOM	Li		
CL	GE218	E,W	QURU	33.3	26.0	138°	INT	Li		
CL	GE219		QURU	36.2	26.0	146	INT	Li		same ↑ NOCORE

	Tree ID	Core #	Species	dbh (cm)	Distance 25.3 ↓	Azimuth	Canopy Position	Status	Decay Class	Comments
JMF	GE220	E, W	Dist	40.0	25.3	177°	DOM	Li		JMF
CL	GE221	~~N~~ N	Dist	47.5	29.3	152°	DOM	Li		CL Rotten
	GE222	~~N~~ S	QURU	37.9	29.4	187°	CO	Li		JMF
	GE223		QUMO	39.1	19.1	162°	SUP	SN		
	GE224	QUMO N, S		39.2	25.6	122°	INT	Li		NP
Trans 2	GE225	W, E	QURU	46.4	28.1	163°	CO	Li		Rotten
JMF	GE226	W, E	QUMO	32.4	6.4	210°	CO-DOM	Li		Rotten
NP	GE227	N-S	ACRU	13.2	9.9	198°	SUP	Li		
AD	GE228	N-S	PIST	31.5	8.3	226°	DOM	Li		
NP	GE229	N-S	PIST	11.3	11.8	205°	SUP	Li		
JMF	GE230	N, S ②	QURU	23.1	11.6	221°	SUP	Li		Rotten
—	GE 231	—	PIST	18.1	15.1	216°	—	Sn	3-4	too rotten to core 4m tall
AD	GE 232	E-W	PIST	32.2	15.4	242°	CO-DOM	Li		
JL	GE233	E, S	PIST	28.4	16.1	220°	CO-DOM	Li		
NP	GE234	E-W	QURU	24.4	19.0	213°	CO-DOM	Li		old! possibly
JMF	GE235	N, S, E	QUMO	31.7	21.5	209°	CO-DOM	Li		
~~NP~~ AD	GE236	S, W	QURU	44.0	16.5	229°	INT	Li		Rotten
AD	GE237	N, S	PIST	41.6	21.6	239°	CO-DOM	Li		
—	GE238	—	QU?	27.3	2.9	232°	—	Lo	3	(in front) oriented N-W
JL	GE239	N-S	PIST	32.7	22.9	242°	CO-DOM	Li		
JMF	GE240	E-W	PIST	23.5	12.3	253°	CO-DOM	Li		
JMF	GE 241	N, S	QURU	38.0	11.4	254°	CO-DOM	Li		hollow
NP	GE242	N, S	QURU	32.6	15.5	253°	INT	Li		rotten
NP	GE243	E-W	PIST	22.2	16.9	260°	SUP	Li		
AD	GE244	N, S	PIST	48.7	24.6	253°	DOM	Li		
NP	GE245	N, S	PIST	47.2	18.0	268°	DOM	Li		
NP	GE246	N, S	QURU	36.2	22.8	266°	INT	Li	1	rotten recently
JMF	GE247	N, S	QURU	54.6	11.5	272°	—	Lo	1	oriented N (downhill fall) rotten fell recently core - 2.5 m high
JMF	GE248	N-S	PIST	28.1	14.5	283°	—	Lo	1	
JL	GE249	E, W	QUMO	39.4	28.0	243°	CO-DOM	Li		
AD	GE250	N-S	ACRU	15.1	8.4	296°	SUP	Li		
JMF	GE251	E-W	QURU	27.5	17.1	283°	SUP	Li		
—	GE 252	—	PIST?	12.3	19.9	211°	—	Lo	3	
—	GE253	—	PI?	13.0	4.5	199°	—	Lo		
NP	GE254	N, S	QURU	47.1	6.1	283°	CO-DOM	Li		
AD	GE255	N, S	PIST	51.2	9.8	315°	DOM	Li		
JMF	GE256	N, S	QUMO	50.3	23.4	288°	DOM	Li		
NP ~~JMF~~	GE 257	N, S	QVAL	40.4	49.1	295°	—	Sn	3	
JL	GE258	N, S	QURU	36.3	13.2	291°	CO-DOM	Li		
JMF	GE259	E, W	QU?	31.7	27.4	299°	—	Sn	3.5	
AD	GE260	E, W	PIST	70.2	17.8	319°	DOM	Li		
NP	GE261	N, S	BELE		19.4	301°	CO-DOM	Li		
JMF	GE262	~~E, W~~ N, S	QUMO	37.3	15.8	312°	—	Lo	3	rotten

	Tree ID	Core #	Species	dbh (cm)	Distance	Azimuth	Canopy Position	Status	Decay Class	Comments
DB ~~NP~~	GE263	E	QU?	21.3	13.0	342°	—	Lo	3	
JMF	GE264	N E	PIST	55.2	16.1	347°	DOM	Li		
JMF	GE265	N, S	QURU	57.2	29.4	350°	CO-DOM	Li		
AD	GE266	E, W	QU?	45.7	28.8	343°	—	Sn	3	
AD	GE267	E, W	ACRU	31.9	20.7	328°	CO-DOM	Li		kind of rotten
JMF	GE268	E-W	BELE	22.5	17.8	330°	INT	Li		
NP	GE269	N, S	QUAL	35.2	29.5	338°	DOM	Li		straight; seems gap-origin
—	GE270	—	QU?	15.0	6.2	359°	—	Lo	5	really rotten down
DB	GE271	E-W	QURU	13.6	4.8	343°	SUP	Li		
DB	GE272	N-S	ACRU	12.6	10.5	348°	SUP	Li		
DB	GE273	N, S	PIST	44.6	3.3	15°	DOM	Li		
JMF	GE274	E-W	ACRU	11.4	3.8	63°	SUP (young)	Li		
JMF	GE275	S	QUAL	27.0	8.4	85°	—	Sn/Lo		2 necks + tall ~~STOP~~ cored; completely hollow 1.3 meters
AD	GE276	E-W	QURU	28.4	9.6	45°	INT	Li		
NP	GE277	E, S	QUAL	34.8	13.1	74°	INT	Li		pretty hollow
JMF	GE278	E, W	QUMO	34.5	10.2	41°	INT	Li		> came from the same stump lots of sprs
NP	GE279	N, S	QUMO	26.0	10.2	41°	INT	Li		
JMF	GE280	E-W	ACRU	10.5	9.8	61°	INT	Li		
DB	GE281	N-S	QURU?	19.1	12.6	17°	—	Lo	3	
NP	GE282	E, W	QUMO	29.1	15.0	75°	INT	Li		maybe was suppressed before - East core rotten on outside?
AD	GE283	N-S	QUMO	27.0	17.5	58°	SUP	Li		
NP	GE284	E-W	PIST	24.5	16.5	74°	CO-DOM	Li		
DB	GE285	N, S	QURU	39.4	17.7	18°	INT	Li		lots of rot
JMF	GE286	N, S	QUMO	38.0	18.2	81°	INT	Li	2-3	
JMF	GE287	N, S	QUMO	26.1	18.9	80°	INT	Li	3	5-10 yrs dead - 1/4 in decay wood
DB	GE288	N, S	QURU	39.1	18.9	23°	INT	Li?		dead section, very rotten
NP	GE289	N, S	QURU	38.3	21.7	53°	DOM	Li		2 cores for N, will overlap
AD	GE290	E, W	QURU?	32.7	25.2	68°	INT	Li		look for tyloses
AD	GE291	E-W	PIST	31.4	27.1	75°	DOM	Li		
NP	GE292	S, N	QURU	20.4	18.1	41°	INT	Li		- possibly a black oak?
DB	GE293	N-S	QUAL	25.8	18.5	21°	INT	Li		
JMF	GE294	N, E	PIST	47.0	15.4	34°	DOM	Li		
~~NP~~ JMF	GE295	N, S	PIST	34.4	30.0	46°	DOM	Li		
NP	GE296	N, S	QURU	39.9	30.0	32°	CO-DOM	Li		rotten
DB	GE297	N, S	PIST	40.0	22.9	11°	DOM	Li		(one core)
AD	GE298	E, W	PIST	37.1	22.3	32°	DOM	Li		
~~DB~~	~~GE299~~	~~E, W~~	~~BEPA~~	~~37.1~~	~~22.9~~	~~4°~~	~~INT~~	~~Li~~		~~rotten~~
NP	GE299	N, S	QUMO	38.9	27.7	17°	CO-DOM	Li		
	GE2100	—	QU?	32.8	15.8	71°	—	Lo	4	
	GE2101	—	QU?	11.6	8.4	119°	—	Lo	~~3~~ 4	
	GE2102	—	QU?	26.0	15.9	106°	—	Lo	4	west-facing
	GE2103	—	QU?	30.5	19.5	128°	—	Lo	4	
	GE2104	—	QU?	26.2	25.2	146°	—	Lo	4	fell towards n-w
	GE2105	—	QU?	27.2	23.9	151°	—	Lo	3-4	fell towards N-W
	GE2106	—	QU?	48.8 (basal)	28.4	183°	—	Lo	5	DBH measured at base
	GE2107	—	QU?	25.0	13.5	183°	—	Lo	4	

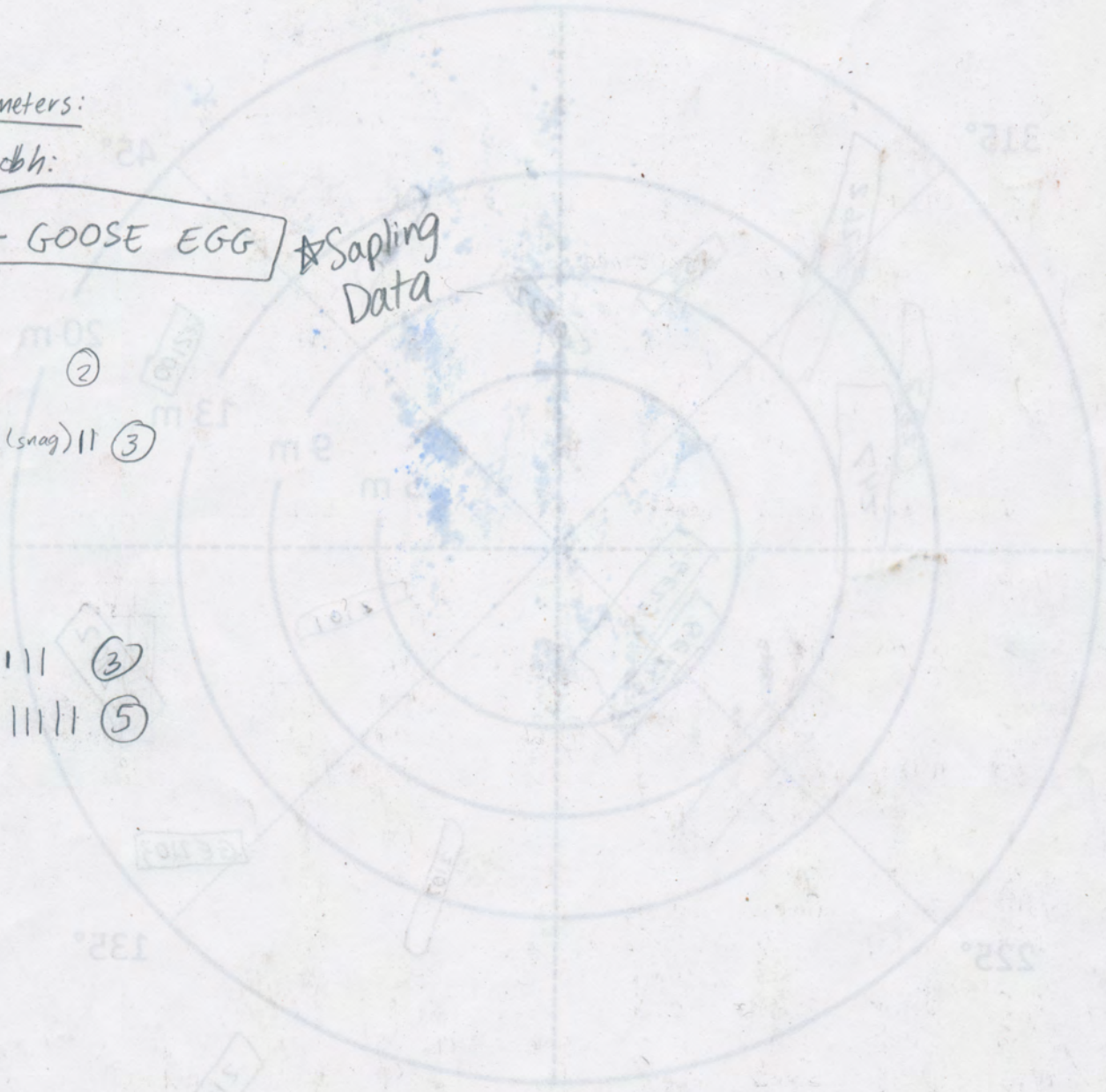
Plot Design

PLOT 2
GOOSE EGG SF
CWD map



5-9.99 dbh out to 9 meters

all stems 2.5-4 out to 5 meters



Out to 9 meters:

5-9.99 dbh:

PLOT 1 - GOOSE EGG ★Sapling Data

5 meters

ACPE - II (2)

AMAR - I(snag)II (3)

9 meters

OSVI - III (3)

ACRU - IIIII (5)

PLOT 2 - GOOSE EGG - SAPLINGS

(5) AMAR FAGR OSZI ACRU QURO

(10) AMAR FAGR OSZI ACRU QURU ACRE BELE