

Appendix A

Figure 1: Diameter Distributions-East Fork Units

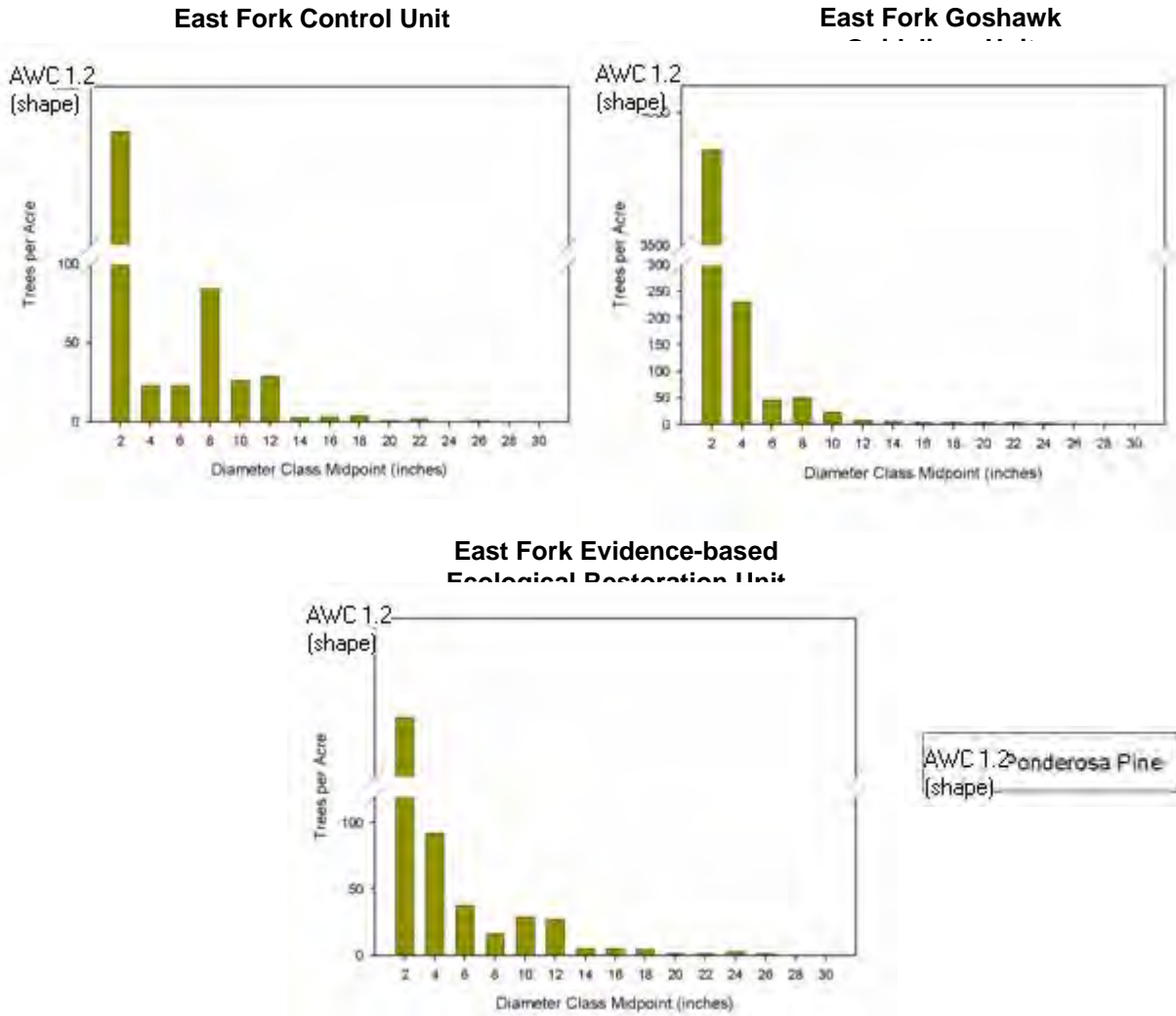


Figure 2: Diameter Distributions-Redondo Units

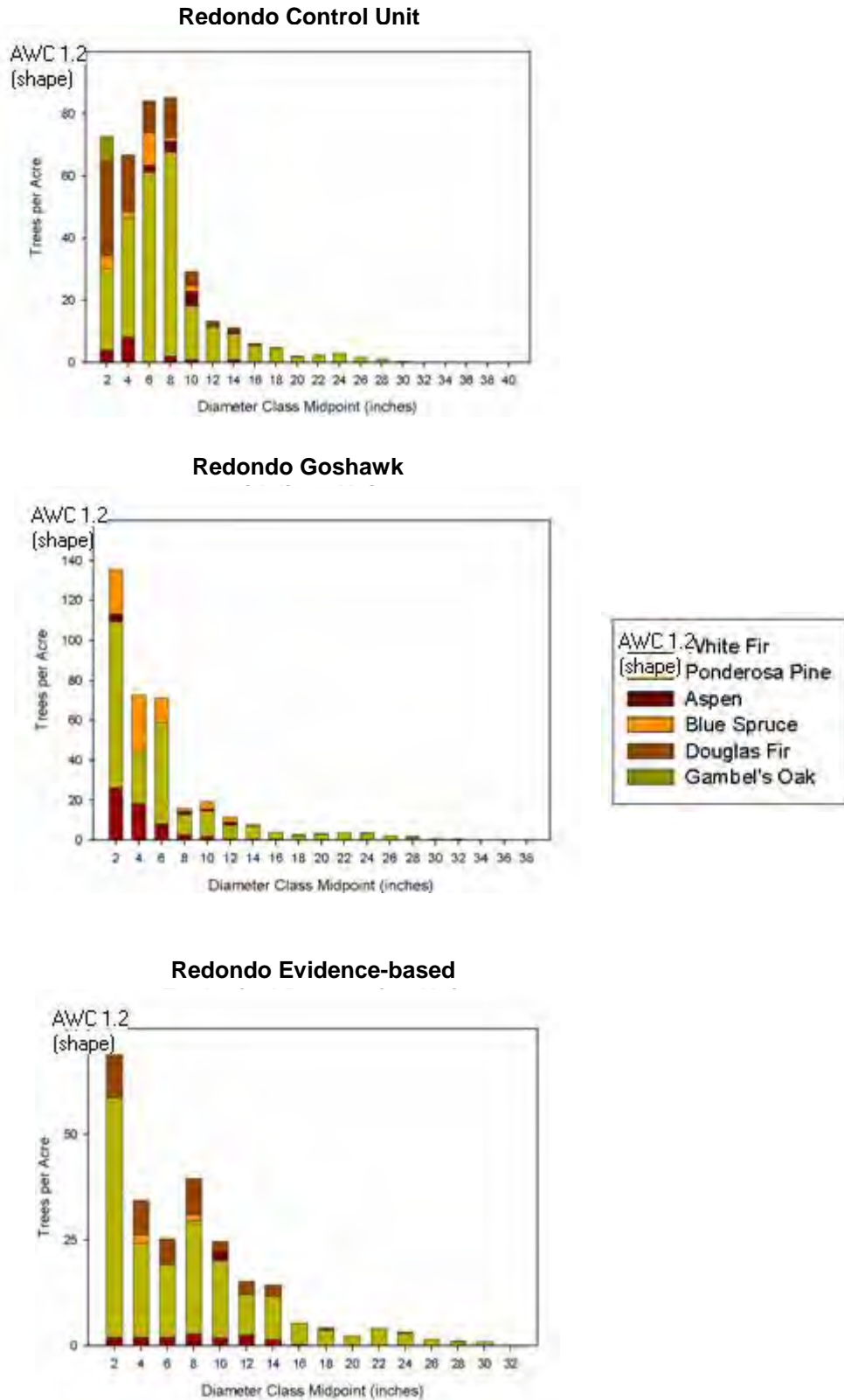


Figure 3: FlamMap Simulated Crown Fire Behavior: East Fork Project Area

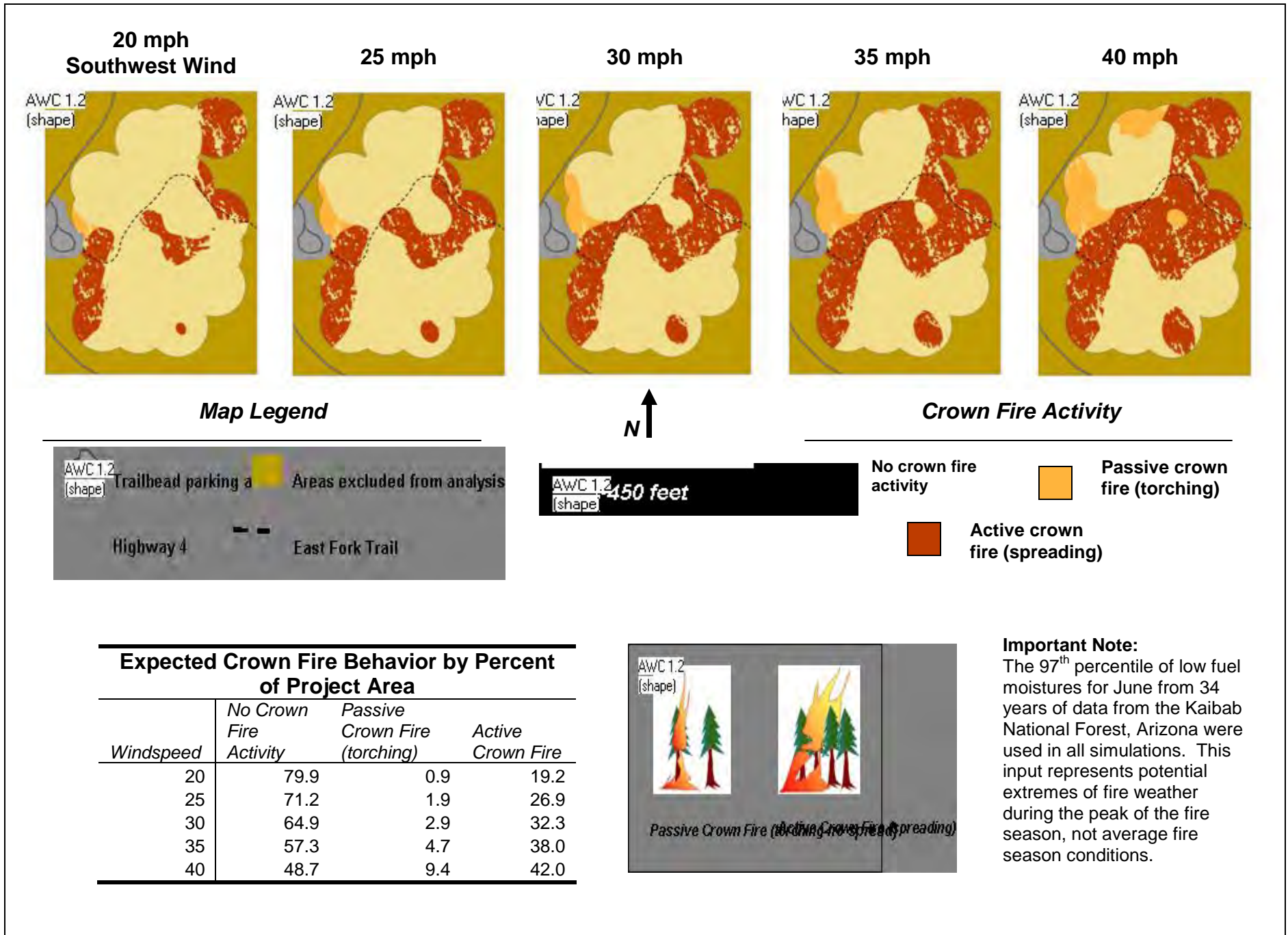


Figure 4: FlamMap Simulated Crown Fire Behavior: Redondo Project Area

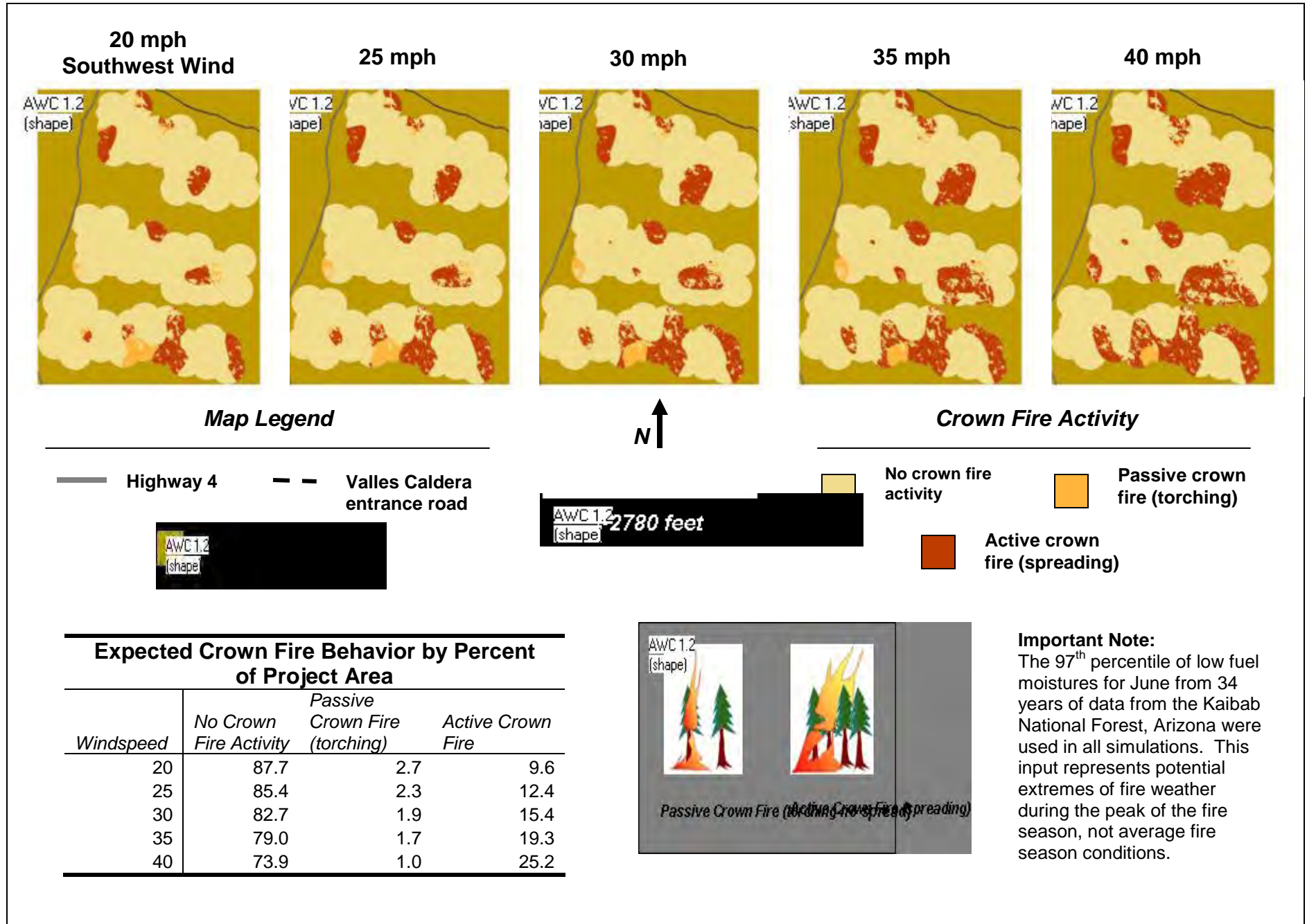


Figure 5: Redondo Stem Mapped Macroplots

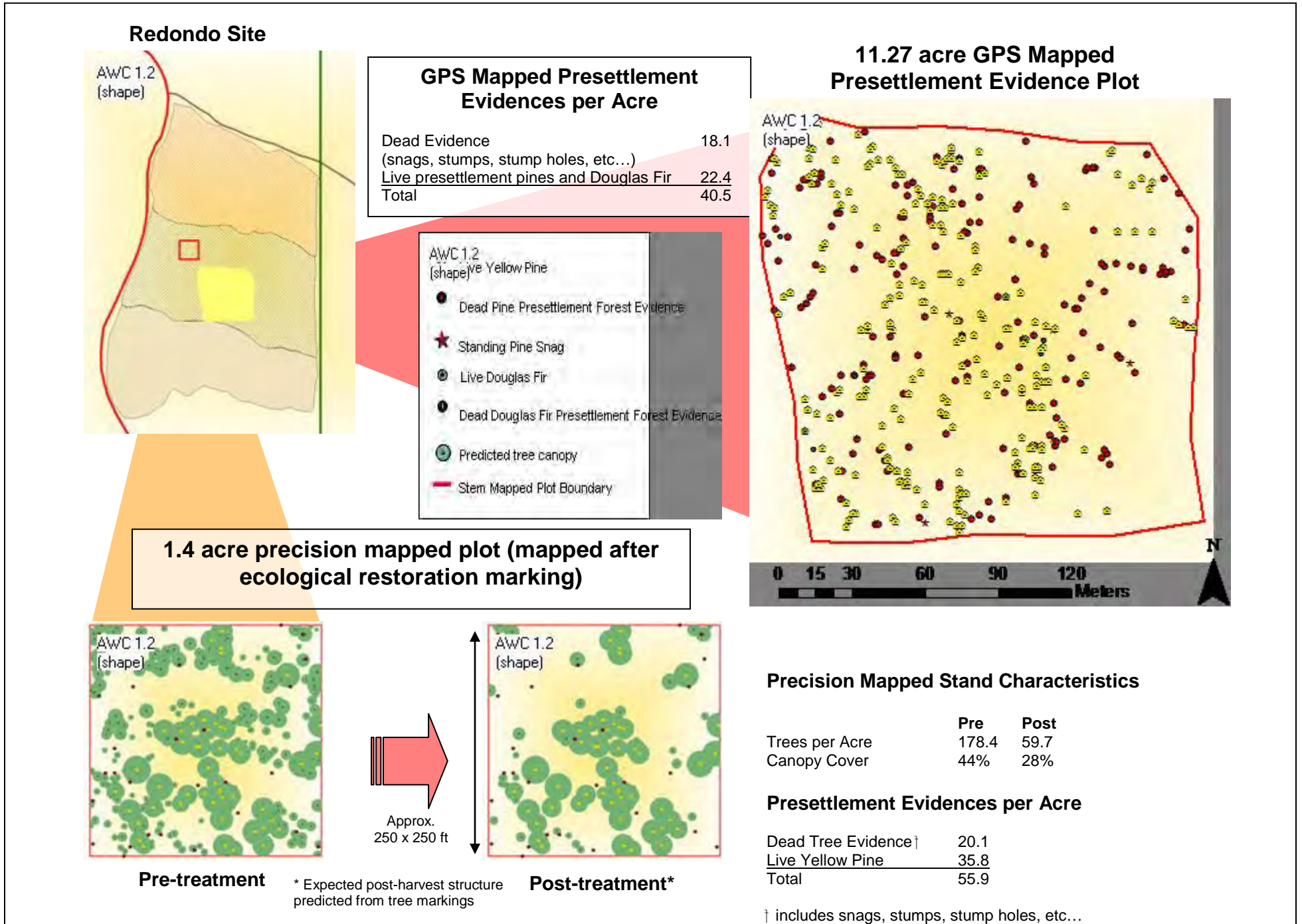
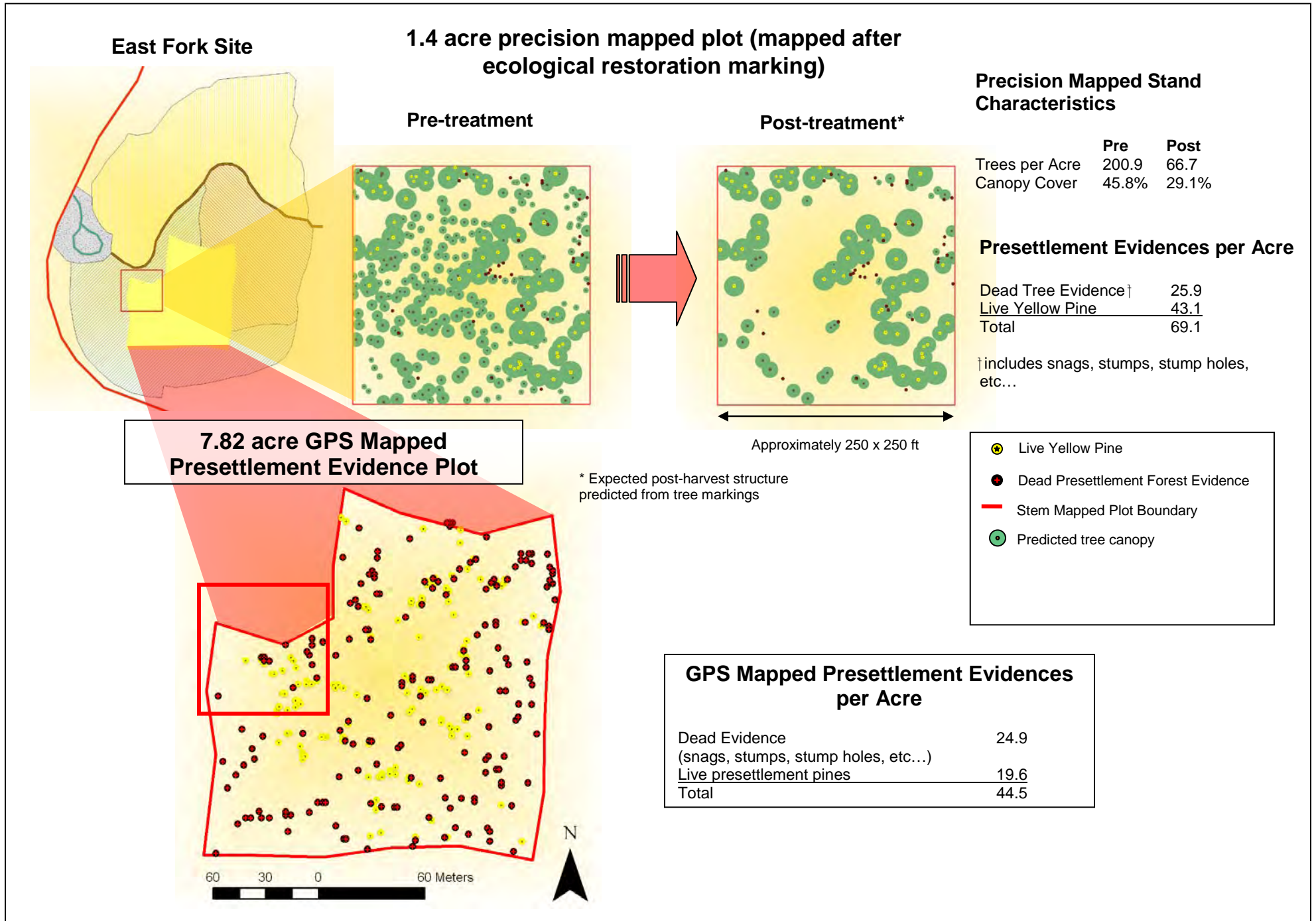


Figure 6: East Fork Stem Mapped Macroplots



Appendix B

Species list for Jemez CFRP, 2006

Family	Genus	Species	Allred*
Apiaceae	Pseudocymopterus	montanus	
Apocynaceae	Apocynum	androcaemifolium	
Asteraceae	Achillea	millefolium	
Asteraceae	Agoseris	aurantiaca var. purpurea	
Asteraceae	Agoseris	sp.	
Asteraceae	Antennaria	marginata	
Asteraceae	Antennaria	parvifolia	
Asteraceae	Artemisia	carruthii	
Asteraceae	Artemisia	ludoviciana	
Asteraceae	Bahia	dissecta	
Asteraceae	Cirsium	parryi ssp. parryi	Cirsium parryi
Asteraceae	Cirsium	undulatum var. undulatum	
Asteraceae	Conyza	canadensis	
Asteraceae	Erigeron	flagellaris	
Asteraceae	Erigeron	subtrinervis	
Asteraceae	Erigeron	vreelandii	
Asteraceae	Heliomeris	multiflora var. nevadensis	Viguiera multiflora
Asteraceae	Heterotheca	villosa	
Asteraceae	Hieracium	fendleri	
Asteraceae	Hymenoxys	richardsonii	
Asteraceae	Krigia	biflora	
Asteraceae	Leucanthemum	vulgare	
Asteraceae	Oreochrysum	parryi	
Asteraceae	Packera	neomexicana	Packera neomexicanus var. neomexicanus
Asteraceae	Rudbeckia	hirta var. pulcherrima	
Asteraceae	Rudbeckia	laciniata var. ampla	
Asteraceae	Senecio	wootonii	
Asteraceae	Solidago	missouriensis cf. var. missouriensis	
Asteraceae	Solidago	simplex ssp. simplex var. simplex	Solidago simplex ssp. simplex
Asteraceae	Solidago	sp.	

Family	Genus	Species	Allred*
Asteraceae	Symphotrichum	laeve var. geyeri	
Asteraceae	Taraxacum	sp.	
Asteraceae	Townsendia	eximia	
Asteraceae	Tragopogon	dubius	
Boraginaceae	Hackelia	floribunda	
Boraginaceae	Lappula	occidentalis	
Boraginaceae	Lithospermum	multiflorum	
Boraginaceae	Mertensia	franciscana	
Boraginaceae	Mertensia	oblongifolia	M. lanceolata var. nivalis
Brassicaceae	Arabis	drummondii	Boechera stricta
Brassicaceae	Arabis	fendleri var. spatifolia	Boechera fendleri
Brassicaceae	Draba	helleriana var. helleriana	
Brassicaceae	Draba	helleriana var. patens	
Brassicaceae	Erysimum	capitatum var. purshii	
Brassicaceae	Lepidium	sp.	
Brassicaceae	Pennellia	longifolia	
Brassicaceae	Thlaspi	montanum	Noccaea fendleri ssp. glauca
Campanulaceae	Campanula	parryi	
Campanulaceae	Campanula	rotundifolia	
Caprifoliaceae	Symphoricarpos	oreophilus	S. rotundifolius
Caryophyllaceae	Arenaria	lanuginosa ssp. saxosa	Spergulastrum lanuginosum ssp. saxosum
Caryophyllaceae	Cerastium	arvense ssp. strictum	
Caryophyllaceae	Silene	scouleri ssp. pringlei	
Caryophyllaceae	Silene	sp.	
Chenopodiaceae	Chenopodium	capitatum	
Chenopodiaceae	Chenopodium	fremontii	
Cupressaceae	Juniperus	communis	J. communis var. depressa
Cupressaceae	Juniperus	scopulorum	
Cyperaceae	Carex	geophila	
Cyperaceae	Carex	inops ssp. heliophila	
Cyperaceae	Carex	occidentalis	
Cyperaceae	Carex	sp.	
Cyperaceae	Cyperus	fendlerianus	
Dryopteridaceae	Woodsia	neomexicana	

Family	Genus	Species	Allred*
Ericaceae	Arctostaphylos	uva-ursi	
Euphorbiaceae	Chamaesyce	serpyllifolia	
Euphorbiaceae	Euphorbia	brachycera	
Fabaceae	Astragalus	gilensis	
Fabaceae	Lathyrus	lanszwertii var. leucanthus	L. leucanthus
Fabaceae	Lotus	wrightii	
Fabaceae	Lupinus	argenteus	
Fabaceae	Lupinus	kingii	
Fabaceae	Melilotus	officinalis	M. officinalis, M. albus
Fabaceae	Robinia	neomexicana	
Fabaceae	Thermopsis	montana var. montana	T. rhombifolia var. montana
Fabaceae	Trifolium	repens	
Fabaceae	Vicia	americana	
Fagaceae	Quercus	gambelii	
Fumariaceae	Corydalis	aurea	
Gentianaceae	Frasera	speciosa	
Gentianaceae	Gentiana	affinis	
Geraniaceae	Geranium	caespitosum	
Geraniaceae	Geranium	richardsonii	
Grossulariaceae	Ribes	cereum	
Grossulariaceae	Ribes	inerme var. inerme	
Iridaceae	Sisyrinchium	montanum	
Lamiaceae	Monarda	fistulosa ssp. fistulosa var. menthifolia	M. fistulosa var. menthifolia
Liliaceae	Allium	cernuum	
Liliaceae	Calochortus	gunnisonii	
Liliaceae	Maianthemum	stellatum	
Liliaceae	Zigadenus	elegans ssp. elegans	Zigadenus elegans
Monotropaceae	Pterospora	andromeda	
Nyctaginaceae	Mirabilis	albida	
Onagraceae	Gayophytum	diffusum	
Onagraceae	Oenothera	coronopifolia	
Onagraceae	Oenothera	elata ssp. hirsutissima	
Orchidaceae	Corallorhiza	sp.	
Orchidaceae	Goodyera	repens	

Family	Genus	Species	Allred*
Orchidaceae	Goodyera	sp.	
Orchidaceae	Malaxis	soulei	
Oxalidaceae	Oxalis	violacea	
Pinaceae	Abies	concolor	
Pinaceae	Picea	pungens	
Pinaceae	Pinus	flexilis	
Pinaceae	Pinus	ponderosa	
Pinaceae	Pseudotsuga	menziesii	P. menziesii var. glauca
Plantaginaceae	Plantago	major	
Poaceae	Agrostis	scabra	
Poaceae	Blepharoneuron	tricholepis	
Poaceae	Bouteloua	gracilis	
Poaceae	Bromus	carinatus	
Poaceae	Bromus	ciliatus var. richardsonii	B. richardsonii
Poaceae	Bromus	inermis ssp. inermis var. inermis	B. inermis
Poaceae	Bromus	inermis ssp. pumpellianus var. pumpellianus	B. pumpellianus
Poaceae	Bromus	tectorum	
Poaceae	Dactylis	glomerata	
Poaceae	Danthonia	parryi	
Poaceae	Elymus	elymoides	
Poaceae	Elymus	glaucus ssp. glaucus	Elymus glaucus
Poaceae	Elymus	lanceolatus ssp. lanceolatus	Elymus lanceolatus
Poaceae	Elymus	trachycaulus	E. trachycaulus ssp. trachycaulus
Poaceae	Festuca	arizonica	
Poaceae	Koeleria	macrantha	
Poaceae	Muhlenbergia	montana	
Poaceae	Phleum	pratense	
Poaceae	Poa	fendleriana ssp. fendleriana	
Poaceae	Poa	pratensis ssp. pratensis	
Poaceae	Schizachyrium	scoparium var. scoparium	
Polemoniaceae	Ipomopsis	aggregata	
Polygonaceae	Eriogonum	jamesii var. jamesii	
Polygonaceae	Rumex	acetocella	

Family	Genus	Species	Allred*
Primulaceae	Androsace	septentrionalis	
Ranunculaceae	Actaea	rubra ssp. arguta	
Ranunculaceae	Anemone	cylindrica	
Ranunculaceae	Clematis	columbiana var. columbiana	C. columbiana
Ranunculaceae	Thalictrum	fendleri	
Rhamnaceae	Ceanothus	fendleri	
Rosaceae	Fragaria	vesca	
Rosaceae	Fragaria	virginiana	
Rosaceae	Geum	triflorum var. ciliatum	
Rosaceae	Potentilla	crinita var. crinita	P. crinita
Rosaceae	Potentilla	hippiana	
Rosaceae	Potentilla	pulcherrima	
Rosaceae	Rosa	acicularis ssp. sayi	R. acicularis var. sayana
Rosaceae	Rosa	sp.	
Rosaceae	Rubus	idaeus ssp. strigosus	
Rubiaceae	Galium	boreale	
Rubiaceae	Galium	mexicanum ssp. asperrimum	
Salicaceae	Populus	tremuloides	
Salicaceae	Salix	scouleriana	
Saxifragaceae	Heuchera	parvifolia	
Scrophulariaceae	Besseyia	plantaginea	Synthyris plantaginea
Scrophulariaceae	Castilleja	integra	
Scrophulariaceae	Castilleja	miniata	
Scrophulariaceae	Penstemon	barbatus	
Scrophulariaceae	Penstemon	inflatus	
Scrophulariaceae	Penstemon	virgatus	
Scrophulariaceae	Verbascum	thapsus	
Valerianaceae	Valeriana	edulis	
Violaceae	Viola	adunca	

*A Working Index of New Mexico Vascular Plant Names: Kelly Allred, June 2006; Range Science Herbarium (NMCR), New Mexico State University

Common plant species encountered in the Jemez CFRP

EAST FORK			
Functional group	Common name	Latin Name	Frequency (%)
Trees (<breast ht.)	ponderosa pine	<i>Pinus ponderosa</i>	100
	Rocky Mountain Douglas-fir	<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	42
Shrubs	kinnikinnick	<i>Arctostaphylos uva-ursi</i>	67
	common juniper	<i>Juniperus communis</i>	42
Graminoids	smooth brome	<i>Bromus inermis</i> ssp. <i>inermis</i> var. <i>inermis</i>	100
	sedge	<i>Carex</i> spp.	100
	Arizona fescue	<i>Festuca arizonica</i>	100
	mountain muhly	<i>Muhlenbergia montana</i>	100
	squirreltail	<i>Elymus elymoides</i>	83
	prairie Junegrass	<i>Koeleria macrantha</i>	75
Forbs	smallleaf pussytoes	<i>Antennaria parvifolia</i>	92
	pingue rubberweed	<i>Hymenoxys richardsonii</i>	83
	manyflowered stoneseed	<i>Lithospermum multiflorum</i>	83
	alpine false springparsley	<i>Pseudocymopterus montanus</i>	75
	beardlip penstemon	<i>Penstemon barbatus</i>	75
	bluebell bellflower	<i>Campanula rotundifolia</i>	67
	woolly cinquefoil	<i>Potentilla hippiana</i>	58
	common yarrow	<i>Achillea millefolium</i>	58
Wooton's ragwort	<i>Senecio wootonii</i>	58	
REDONDO			
Trees	ponderosa pine	<i>Pinus ponderosa</i>	87.5
	Rocky Mountain Douglas-fir	<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	75
	Gambel oak	<i>Quercus gambelii</i>	71
	white fir	<i>Abies concolor</i>	58
	aspen	<i>Populus tremuloides</i>	54
Shrubs	kinnikinnick	<i>Arctostaphylos uva-ursi</i>	87.5

	common juniper	<i>Juniperus communis</i>	46
Graminoids	Arizona fescue	<i>Festuca arizonica</i>	100
	squirreltail	<i>Elymus elymoides</i>	100
	prairie Junegrass	<i>Koeleria macrantha</i>	96
	sedge	<i>Carex</i> spp.	96
	fringed brome	<i>Bromus ciliatus</i> var. <i>richardsonii</i>	71
	mountain muhly	<i>Muhlenbergia montana</i>	71
	muttongrass	<i>Poa fendleriana</i> ssp. <i>fendleriana</i>	71
Forbs	alpine false springparsley	<i>Pseudocymopterus montanus</i>	88
	bluebell bellflower	<i>Campanula rotundifolia</i>	75
	woolly cinquefoil	<i>Potentilla hippiana</i>	71
	smallleaf pussytoes	<i>Antennaria parvifolia</i>	63
	common yarrow	<i>Achillea millefolium</i>	63
	white sagebrush	<i>Artemisia ludoviciana</i>	63
	Mount Albert goldenrod	<i>Solidago simplex</i> ssp. <i>simplex</i> var. <i>simplex</i>	58
	New Mexico groundsel	<i>Packera neomexicana</i>	54