

CAP LTER Survey 200

Crew members: _____

Plot ID: _____ Date: _____

General plot information:

incline of land in degree: _____ direction of exposure: _____

Short description of plot characteristics. Please use meaningful keywords and no more than 20.

Land use: (pick from attached sheets)	% of plot

Landuse 100 m away from plot:	
North	
East	
South	
West	

Use of buildings on plot:

height of buildings on plot:	distance	degree up	degree down	height (m)

Traffic surrounding the plot: Freeway/Expressway, Highway, Major City Road, Collector Street, Paved Local Street, cul-de-sac, Dirt Road, none

Today's weather: sunshine partly cloudy overcast rain

Weather station set up time: _____

Weather station closing time: _____

Any recent rain event? (when, how much, any evidence)

Other weather related comments:

Humans:**Visible human activity:** n/a in private backyard

path through plot	no	yes		
footprints	none	some	many/heavy	
bike tracks	none	some	many/heavy	
off-road vehicle tracks	none	some	many/heavy	
small litter	none	some	many/heavy	
dumped trash bags	none	some	many/heavy	
abandoned vehicles	none	some	many/heavy	
graffiti	none	some	many/heavy	
injured plants	none	some	many/heavy	
informal play spaces (play houses)	none	some	many/heavy	
informal recreation sites (evidence of broken liquor bottles, gun targets)	none	some	many/heavy	
informal living site (homeless camps, water bottles, bonfire sites, privies)	none	some	many/heavy	
sports equipment/facilities	none	some	many/heavy	
within radius of 50 m: number of cars: motorcycles:		bycycles:		
number of houses:				
Approximate (perceived) social class	rich	upper middle class	working lower class	poor

Evaluation of surrounding neighborhood:

Buildings:	residential	commercial	institutional	industrial
Types of residences	single family	multi family	apartments	
Approximate (perceived) social class	rich	upper middle class	working lower class	poor
front yard upkeep/appearance	professionally maintained		good	poor
irrigation systems	flood/hand	drip/trickle	overhead spray	subterranean
landscape type	xeric	mesic	mixed	turf present
tree density	high	low		

Notes: (note any unusual feature, e.g. plot is surrounded by distinctly different neighborhoods)

Ground photos:

Minolta

roll number

picture #	description	photographer
	North	
	East	
	South	
	West	
	Synoptic	
	prokaryotic sample location	

Soil cores:

code	location description
center	
North	
East	
South	
West	

Mycorrhiza samples:

code	location description
mycorr. 1	
mycorr. 2	
mycorr. 3	

Prokaryotic activity samples:

	location description
Prokaryotic	

litter bags:

code	bag numbers	location description
litterbags		

Insect samples

	species collect on:
1	
2	
3	

dowel original weight:

Did you collect a pollen sample?
Did you leave a center nail?

Vegetation

Landscape practices: n/a in desert plots

Is the turf usually overseeded during the winter?	Yes	No	don't know	no turf
Landscape has a well maintained appearance?	Yes	No	don't know	
Is the landscape maintained professionally?	Yes	No	don't know	
Are plants in the landscape healthy and vigorous?	Yes	No	don't know	
Are there any symptoms or signs of abiotic or biotic injury?	Yes	No	don't know	

(e.g. dieback, sunscald)

Watering regime flood/hand drip/trickle overhead spray subterranean

% area

Measure largest extent in N-S and E-W direction then estimate % missing of a perfect circle or oval
 For the remaining leaves estimate condition (as the dead parts in %):
 Excellent < 1%
 Good 1 – 10%
 Fair 11 – 25%
 Poor 26 – 50%
 Critical 51 – 75%
 Dying 76 – 99%
 Dead no leaves

Estimated cove open ground Trees Shrubs Cacti/Succ. Lawn Herbaceous/Groundcover

to nearest 10% or +

other ground cover

Do not enter <>, only whole numbers.

Tree: Woody perennial plant having one or more elongate main stem(s) generally with few or no branches on its lower part. Young plants of tree species are considered trees. (breast high = 4.5 ft)

ID in GPS	Genus	# of stems	stem diam. g or b for ground breast high average (cm)	shape natural upright spreading pyramidal columnar rounded	height				size			% missing from perfect circle	condition of existing in % ranges	classify street tree shade tree accent tree screen tree naturalized
					distance (m)	degree down	degree up	hight (m)	width NS (m)	width EW (m)	hight of crown (m)			

Observation of ongoing activities

start time:

end time:

How much of the circle can you see (radius 50 m) (in %):

ID	number	age group	sex	activity
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				