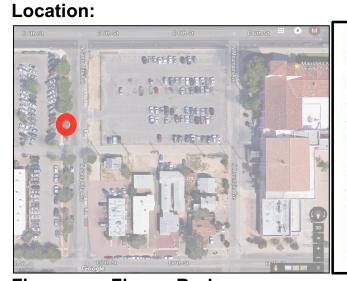


#### Scientific Name: Dermatophyllum Secundiflorum Nickname: Texas Mountain Laurel 1 Site: Mansfeld Platt Perimeter Walk

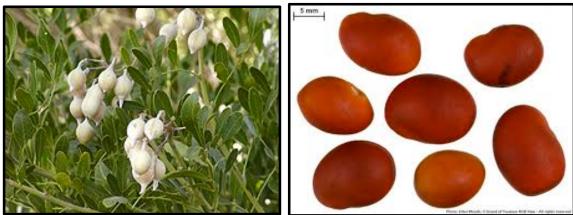


Leaves:





Fruits:



### Scientific Name: Dermatophyllum Secundiflorum Nickname: Texas Mountain Laurel 2 Site: Mansfeld Platt Perimeter Walk

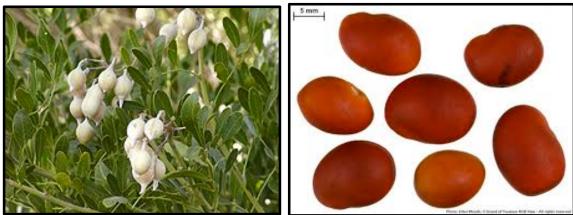


Leaves:





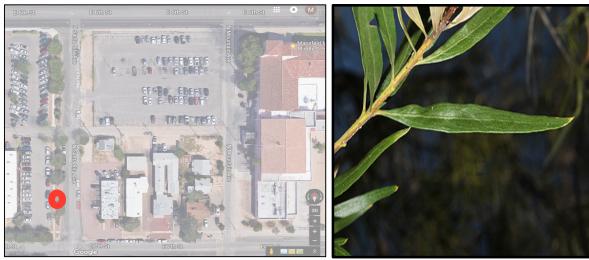
Fruits:



Scientific Name: Chilopsis Linearis Nickname: Desert Willow 1 Site: Mansfeld Platt Perimeter Walk

### Location:

Leaves:



### **Flowers or Flower Buds**:



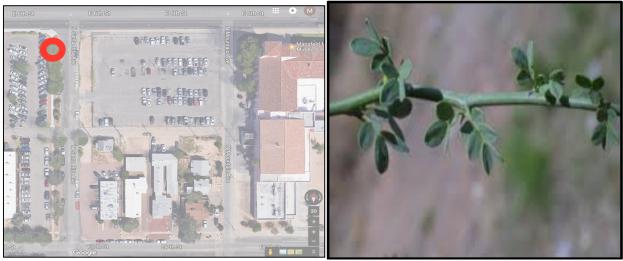
#### Fruits:



Scientific Name: Parkinsonia Florida Nickname: Blue Palo Verde 1 Site: Mansfeld Perimeter Walk

### Location:

Leaves:



### Flowers or Flower Buds:

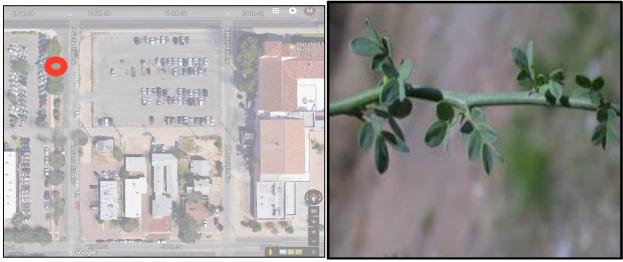




Scientific Name: Parkinsonia Florida Nickname: Blue Palo Verde 2 Site: Mansfeld Perimeter Walk

#### Location:

Leaves:



### Flowers or Flower Buds:

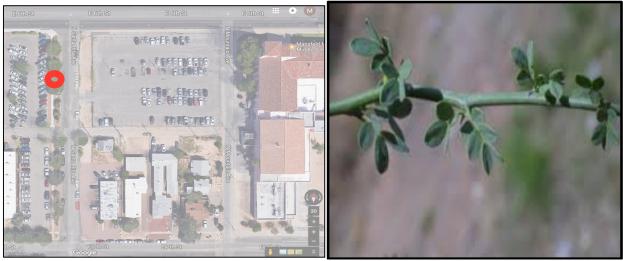




Scientific Name: Parkinsonia Florida Nickname: Blue Palo Verde 3 Site: Mansfeld Perimeter Walk

#### Location:

Leaves:



### Flowers or Flower Buds:

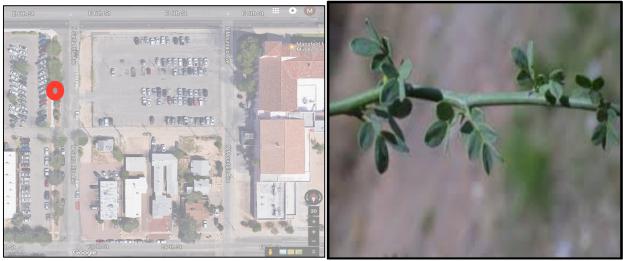




Scientific Name: Parkinsonia Florida Nickname: Blue Palo Verde 4 Site: Mansfeld Perimeter Walk

#### Location:

Leaves:



### Flowers or Flower Buds:

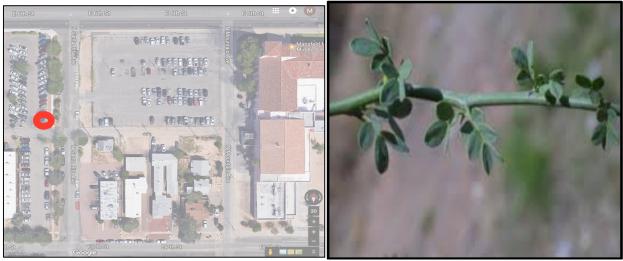




Scientific Name: Parkinsonia Florida Nickname: Blue Palo Verde 5 Site: Mansfeld Perimeter Walk

#### Location:

Leaves:



### Flowers or Flower Buds:

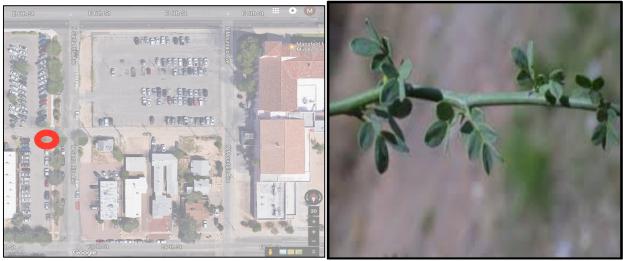




Scientific Name: Parkinsonia Florida Nickname: Blue Palo Verde 6 Site: Mansfeld Perimeter Walk

#### Location:

Leaves:



### Flowers or Flower Buds:





Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 1 Site: Mansfeld Platt Perimeter Walk

#### Location:

Leaves:



### **Flowers or Flower Buds:**





Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 2 Site: Mansfeld Platt Perimeter Walk

#### Location:

Leaves:



### **Flowers or Flower Buds:**





Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 3 Site: Mansfeld Platt Perimeter Walk

#### Location:

Leaves:



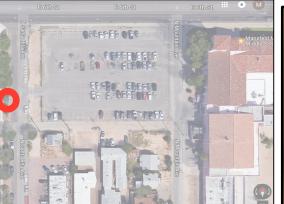
### **Flowers or Flower Buds:**





Scientific Name: Simmondsia Chinensis Nickname: Jojoba 1 Site: Mansfeld Platt Perimeter Walk

### Location:



Leaves:



### **Flowers or Flower Buds:**

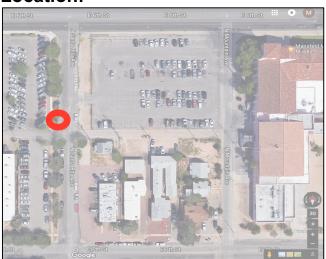




Scientific Name: Simmondsia Chinensis Nickname: Jojoba 2 Site: Mansfeld Platt Perimeter Walk

### Location:





### **Flowers or Flower Buds:**







Nickname: Blue Palo Verde 1

Site: Mansfeld Platt Perimeter Walk

Observer:				Date	:	
Do you see	Phen	opł	nase	Circle the	Value	
Young Leaves?	Y	Ν	?	Less than 3	3-10	11-100
(small, just unfolding)				101-10,000	More t	han 10,000
Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Colored Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
(brown or yellow)				50-74%	75-94%	95% or more
Falling Leaves?	Y	Ν	?			
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits? (green or tan	Y	Ν	?	Less than 3	3-10	11-100
bean pod)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(tan bean pod)				50-74%	75-94%	95% or more
Fruits or Seeds on	Y	Ν	?	Less than 3	3-10	11-100
the ground?				101-10,000	More t	han 10,000



Scientific Name: Parkinsonia Florida

Site: Mansfeld Platt Perimeter Walk

Observer:		Date:
	Phenophase	Circle the Value

Do you see	Pheno	oph	ase	Circle the	Value	
Young Leaves? (small, just unfolding)	Y	N	?	Less than 3	3-10	11-100
(sman, just unioiding)				101-10,000	More t	han 10,000
Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Colored Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
(brown or yellow)				50-74%	75-94%	95% or more
Falling Leaves?	Y	Ν	?			
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits? (green or tan	Y	Ν	?	Less than 3	3-10	11-100
bean pod)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(tan bean pod)				50-74%	75-94%	95% or more
Fruits or Seeds on	Y	Ν	?	Less than 3	3-10	11-100
the ground?				101-10,000	More t	han 10,000



Nickname: Blue Palo Verde 2

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

\_Date:\_\_\_\_

Do you see	Phenophase			Circle the Value
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3 3-10 11-100
(smail, just unioiding)				101-10,000 More than 10,000
Leaves?	Y	Ν	?	Less than 5% 5-24% 25-49%
				50-74% 75-94% 95% or more
Colored Leaves?	Y	Ν	?	Less than 5% 5-24% 25-49%
(brown or yellow)				50-74% 75-94% 95% or more
Falling Leaves?	Y	Ν	?	
Flowers or Flower				Less than 3 3-10 11-100
Buds?	Y	Ν	?	101-10,000 More than 10,000
Open Flowers?	Y	Ν	?	Less than 5% 5-24% 25-49%
				50-74% 75-94% 95% or more
Fruits? (green or tan	Y	Ν	?	Less than 3 3-10 11-100
bean pod)				101-10,000 More than 10,000
Ripe Fruits?	Y	Ν	?	Less than 5% 5-24% 25-49%
(tan bean pod)				50-74% 75-94% 95% or more
Fruits or Seeds on	Y	Ν	?	Less than 3 3-10 11-100
the ground?				101-10,000 More than 10,000



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 2

Site: Mansfeld Platt Perimeter Walk

Observer:

Do you see	Phenophase	Circle the Value
Young Leaves?	Y N ?	Less than 3 3-10 11-100
(small, just unfolding)		101-10,000 More than 10,000
Leaves?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Colored Leaves?	Y N ?	Less than 5% 5-24% 25-49%
(brown or yellow)		50-74% 75-94% 95% or more
Falling Leaves?	Y N ?	
Flowers or Flower		Less than 3 3-10 11-100
Buds?	YN?	101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Fruits? (green or tan	Y N ?	Less than 3 3-10 11-100
bean pod)		101-10,000 More than 10,000
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%
(tan bean pod)		50-74% 75-94% 95% or more
Fruits or Seeds on	Y N ?	Less than 3 3-10 11-100
the ground?		101-10,000 More than 10,000



Nickname: Blue Palo Verde 3

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

\_Date:\_\_\_\_

Do you see	Phenophase	Circle the Value
Young Leaves?	Y N ?	Less than 3 3-10 11-100
(small, just unfolding)		101-10,000 More than 10,000
Leaves?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Colored Leaves?	YN?	Less than 5% 5-24% 25-49%
(brown or yellow)		50-74% 75-94% 95% or more
Falling Leaves?	Y N ?	
Flowers or Flower		Less than 3 3-10 11-100
Buds?	YN?	101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Fruits? (green or tan	YN?	Less than 3 3-10 11-100
bean pod)		101-10,000 More than 10,000
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%
(tan bean pod)		50-74% 75-94% 95% or more
Fruits or Seeds on	Y N ?	Less than 3 3-10 11-100
the ground?		101-10,000 More than 10,000



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 3

Site: Mansfeld Platt Perimeter Walk

Observer:

Do you see	Phenc	opha	ase	Circle the	Value	
Young Leaves?	Y	N	?	Less than 3	3-10	11-100
(small, just unfolding)				101-10,000	More t	han 10,000
Leaves?	Y	N	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Colored Leaves?	Y	N	?	Less than 5%	5-24%	25-49%
(brown or yellow)				50-74%	75-94%	95% or more
Falling Leaves?	Y	N	?			
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	N	?	101-10,000	More t	han 10,000
Open Flowers?	Y	N	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits? (green or tan	Y	N	?	Less than 3	3-10	11-100
bean pod)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	N	?	Less than 5%	5-24%	25-49%
(tan bean pod)				50-74%	75-94%	95% or more
Fruits or Seeds on	Y	N	?	Less than 3	3-10	11-100
the ground?				101-10,000	More t	han 10,000



Nickname: Blue Palo Verde 4

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

\_Date:\_\_\_\_

Do you see	Phenophase			Circle the Value
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3 3-10 11-100
(smail, just unioiding)				101-10,000 More than 10,000
Leaves?	Y	Ν	?	Less than 5% 5-24% 25-49%
				50-74% 75-94% 95% or more
Colored Leaves?	Y	Ν	?	Less than 5% 5-24% 25-49%
(brown or yellow)				50-74% 75-94% 95% or more
Falling Leaves?	Y	Ν	?	
Flowers or Flower				Less than 3 3-10 11-100
Buds?	Y	Ν	?	101-10,000 More than 10,000
Open Flowers?	Y	Ν	?	Less than 5% 5-24% 25-49%
				50-74% 75-94% 95% or more
Fruits? (green or tan	Y	Ν	?	Less than 3 3-10 11-100
bean pod)				101-10,000 More than 10,000
Ripe Fruits?	Y	Ν	?	Less than 5% 5-24% 25-49%
(tan bean pod)				50-74% 75-94% 95% or more
Fruits or Seeds on	Y	Ν	?	Less than 3 3-10 11-100
the ground?				101-10,000 More than 10,000



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 4

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

Do you see	Phenophase	Circle the Value
Young Leaves?	Y N ?	Less than 3 3-10 11-100
(small, just unfolding)		101-10,000 More than 10,000
Leaves?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Colored Leaves?	Y N ?	Less than 5% 5-24% 25-49%
(brown or yellow)		50-74% 75-94% 95% or more
Falling Leaves?	YN?	
Flowers or Flower		Less than 3 3-10 11-100
Buds?	YN?	101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Fruits? (green or tan	Y N ?	Less than 3 3-10 11-100
bean pod)		101-10,000 More than 10,000
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%
(tan bean pod)		50-74% 75-94% 95% or more
Fruits or Seeds on	Y N ?	Less than 3 3-10 11-100
the ground?		101-10,000 More than 10,000



Nickname: Blue Palo Verde 5

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

\_Date:\_\_\_\_

Do you see	Phenophase	Circle the Value
Young Leaves?	Y N ?	Less than 3 3-10 11-100
(small, just unfolding)		101-10,000 More than 10,000
Leaves?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Colored Leaves?	YN?	Less than 5% 5-24% 25-49%
(brown or yellow)		50-74% 75-94% 95% or more
Falling Leaves?	Y N ?	
Flowers or Flower		Less than 3 3-10 11-100
Buds?	YN?	101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Fruits? (green or tan	YN?	Less than 3 3-10 11-100
bean pod)		101-10,000 More than 10,000
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%
(tan bean pod)		50-74% 75-94% 95% or more
Fruits or Seeds on	Y N ?	Less than 3 3-10 11-100
the ground?		101-10,000 More than 10,000



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 5

Site: Mansfeld Platt Perimeter Walk

Observer:

Do you see	Phenophase	Circle the Value
Young Leaves?	Y N ?	Less than 3 3-10 11-100
(small, just unfolding)		101-10,000 More than 10,000
Leaves?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Colored Leaves?	Y N ?	Less than 5% 5-24% 25-49%
(brown or yellow)		50-74% 75-94% 95% or more
Falling Leaves?	YN?	
Flowers or Flower		Less than 3 3-10 11-100
Buds?	YN?	101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Fruits? (green or tan	Y N ?	Less than 3 3-10 11-100
bean pod)		101-10,000 More than 10,000
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%
(tan bean pod)		50-74% 75-94% 95% or more
Fruits or Seeds on	Y N ?	Less than 3 3-10 11-100
the ground?		101-10,000 More than 10,000



Nickname: Blue Palo Verde 6

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

\_Date:\_\_\_\_

Do you see	Phenophase			Circle the Value
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3 3-10 11-100
(smail, just unioiding)				101-10,000 More than 10,000
Leaves?	Y	Ν	?	Less than 5% 5-24% 25-49%
				50-74% 75-94% 95% or more
Colored Leaves?	Y	Ν	?	Less than 5% 5-24% 25-49%
(brown or yellow)				50-74% 75-94% 95% or more
Falling Leaves?	Y	Ν	?	
Flowers or Flower				Less than 3 3-10 11-100
Buds?	Y	Ν	?	101-10,000 More than 10,000
Open Flowers?	Y	Ν	?	Less than 5% 5-24% 25-49%
				50-74% 75-94% 95% or more
Fruits? (green or tan	Y	Ν	?	Less than 3 3-10 11-100
bean pod)				101-10,000 More than 10,000
Ripe Fruits?	Y	Ν	?	Less than 5% 5-24% 25-49%
(tan bean pod)				50-74% 75-94% 95% or more
Fruits or Seeds on	Y	Ν	?	Less than 3 3-10 11-100
the ground?				101-10,000 More than 10,000



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 6

Site: Mansfeld Platt Perimeter Walk

Observer:

Do you see	Phenophase	Circle the Value
Young Leaves?	Y N ?	Less than 3 3-10 11-100
(small, just unfolding)		101-10,000 More than 10,000
Leaves?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Colored Leaves?	Y N ?	Less than 5% 5-24% 25-49%
(brown or yellow)		50-74% 75-94% 95% or more
Falling Leaves?	Y N ?	
Flowers or Flower		Less than 3 3-10 11-100
Buds?	YN?	101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%
		50-74% 75-94% 95% or more
Fruits? (green or tan	Y N ?	Less than 3 3-10 11-100
bean pod)		101-10,000 More than 10,000
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%
(tan bean pod)		50-74% 75-94% 95% or more
Fruits or Seeds on	Y N ?	Less than 3 3-10 11-100
the ground?		101-10,000 More than 10,000



Scientific Name: Simmondsia Chinensis

Nickname: Jojoba 1

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Observer: \_\_\_\_\_



Scientific Name: Simmondsia Chinensis

Nickname: Jojoba 1

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Do you see	Pheno	bha	se	What Valu	ie?	
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3	3-10	11-100
(sman, just unroluing)				101-10,000	More t	han 10,000
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits?	Y	Ν	?	Less than 3	3-10	11-100
(seed has changed from green to brown)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(seed has turned light brown or red/brown)				50-74%	75-94%	95% or more
Fruits or seeds on	Y	Ν	?	Less than 3	3-10	11-100
the ground?				101-10,000	More t	han 10,000

Do you see	Phenophase	:	What Valu	ıe?	
Young Leaves? (small, just unfolding)	Y N ?		Less than 3	3-10	11-100
(sman, just unroluing)			101-10,000	More t	han 10,000
Flowers or Flower			Less than 3	3-10	11-100
Buds?	YN?		101-10,000	More t	han 10,000
Open Flowers?	YN?		Less than 5%	5-24%	25-49%
			50-74%	75-94%	95% or more
Fruits?	YN?		Less than 3	3-10	11-100
(seed has changed from green to brown)			101-10,000	More t	han 10,000
Ripe Fruits?	YN?		Less than 5%	5-24%	25-49%
(seed has turned light brown or red/brown)			50-74%	75-94%	95% or more
Fruits or seeds on	Y N ?		Less than 3	3-10	11-100
the ground?			101-10,000	More t	han 10,000



Scientific Name: Simmondsia Chinensis

Nickname: Jojoba 2

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Observer: \_\_\_\_\_

Do you see	Pheno	oha	se	What Valu	ıe?	
Young Leaves?	Y	Ν	?	Less than 3	3-10	11-100
(small, just unfolding)				101-10,000	More t	han 10,000
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits?	Y	Ν	?	Less than 3	3-10	11-100
(seed has changed from green to brown)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(seed has turned light brown or red/brown)				50-74%	75-94%	95% or more
Fruits or seeds on	Y	Ν	?	Less than 3	3-10	11-100
the ground?				101-10,000	More t	han 10,000



Scientific Name: Simmondsia Chinensis

Nickname: Jojoba 2

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Do you see	Pheno	oha	se	What Valu	ue?	
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3	3-10	11-100
(smail, just unroluing)				101-10,000	More t	han 10,000
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits?	Y	Ν	?	Less than 3	3-10	11-100
(seed has changed from green to brown)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(seed has turned light brown or red/brown)				50-74%	75-94%	95% or more
Fruits or seeds on	Y	Ν	?	Less than 3	3-10	11-100
the ground?				101-10,000	More t	han 10,000



Scientific Name: Dermatophyllum Secundiflorum

Nickname: Mountain Laurel 1

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_\_

Observer: \_\_\_\_\_



Scientific Name: Dermatophyllum Secundiflorum

Nickname: Mountain Laurel 1

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Do you see	Phenop	bha	se	What Valu	ıe?	
Breaking Leaf Buds? (green leaf tip is emerging from branch)	Y	Ν	?	Less than 3 101-10,000	3-10 More t	11-100 han 10,000
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3 101-10,000	3-10 More t	11-100 han 10,000
Flowers or Flower Buds?	Y	N	?	Less than 3 101-10,000	3-10 More t	11-100 han 10,000
Open Flowers?	Y	N	?	Less than 5% 50-74%	5-24% 75-94%	25-49% 95% or more
Fruits? (brown pods)	Y	Ν	?	Less than 3 101-10,000	3-10 More t	11-100 han 10,000
Ripe Fruits? (brown pod has split open to show seeds)	Y	N	?	Less than 5% 50-74%	5-24% 75-94%	25-49% 95% or more
Fruits or seeds on the ground?	Y	Ν	?	Less than 3 101-10,000	3-10 More t	11-100 han 10,000

Do you see	Phenophase	What Value?
Breaking Leaf Buds? (green leaf tip is emerging from branch)	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Young Leaves? (small, just unfolding)	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Flowers or Flower Buds?	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5%5-24%25-49%50-74%75-94%95% or more
Fruits? (brown pods)	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Ripe Fruits? (brown pod has split open to show seeds)	Y N ?	Less than 5%5-24%25-49%50-74%75-94%95% or more
Fruits or seeds on the ground?	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000



Scientific Name: Dermatophyllum Secundiflorum

Nickname: Mountain Laurel 2

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Observer: \_\_\_\_\_

Do you see	Phenophase	What Value?
Breaking Leaf Buds? (green leaf tip is emerging from branch)	YN?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Young Leaves? (small, just unfolding)	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Flowers or Flower Buds?	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49% 50-74% 75-94% 95% or more
Fruits? (brown pods)	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000
Ripe Fruits? (brown pod has split open to show seeds)	Y N ?	Less than 5% 5-24% 25-49% 50-74% 75-94% 95% or more
Fruits or seeds on the ground?	Y N ?	Less than 3 3-10 11-100 101-10,000 More than 10,000



Scientific Name: Dermatophyllum Secundiflorum

Nickname: Mountain Laurel 2

Site: Mansfeld Platt Perimeter Walk

Date: \_\_\_\_\_

Do you see	Phenopha	ase	What Valu	le?	
Breaking Leaf Buds? (green leaf tip is	ΥN	?	Less than 3 101-10,000	3-10 More t	11-100 han 10,000
emerging from branch)					
Young Leaves? (small, just unfolding)	Y N	?	Less than 3	3-10	11-100
			101-10,000	More t	han 10,000
Flowers or Flower	V N	2	Less than 3	3-10	11-100
Buds?	Y N	?	101-10,000	More t	han 10,000
Open Flowers?	ΥN	?	Less than 5%	5-24%	25-49%
			50-74%	75-94%	95% or more
Fruits? (brown pods)	Y N	?	Less than 3	3-10	11-100
(brown pods)			101-10,000	More t	han 10,000
Ripe Fruits?	Y N	?	Less than 5%	5-24%	25-49%
(brown pod has split open to show seeds)			50-74%	75-94%	95% or more
Fruits or seeds on	Y N	?	Less than 3	3-10	11-100
the ground?			101-10,000	More t	han 10,000



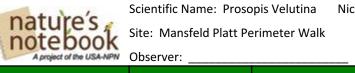
Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 1

Date: \_\_\_\_\_

Site: Mansfeld Platt Perimeter Walk

Observer: \_\_\_\_\_

Do you see	Phen	opł	nase	Circle the Value		
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3	3-10	11-100
(smail, just unroluing)				101-10,000	More t	han 10,000
Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Colored Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
(brown or yellow)				50-74%	75-94%	95% or more
Falling Leaves?	Y	Ν	?			
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Pollen? (shake tree; yellow pollen?)	Y	Ν	?	Little	Some	Lots
Fruits? (green or tan	Y	Ν	?	Less than 3	3-10	11-100
bean pod)				101-10,000	More t	han 10,000
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(tan bean pod)				50-74%	75-94%	95% or more
Fruits or Seeds on	Y	Ν	?	Less than 3	3-10	11-100
the ground?				101-10 000	More t	han 10 000



Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 1

Date: \_\_\_\_\_

Do you see	Phen	oph	nase	Circle the	Value	
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3	3-10	11-100
(sman, just amoranig)				101-10,000	More t	han 10,000
Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Colored Leaves? (brown or yellow)	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Falling Leaves?	Y	Ν	?			
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Pollen? (shake tree; yellow pollen?)	Y	Ν	?	Little	Some	Lots
Fruits? (green or tan	Y	Ν	?	Less than 3	3-10	11-100
bean pod)				101-10,000	More t	han 10,000
Ripe Fruits? (tan bean pod)	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Fruits or Seeds on the ground?	Y	Ν	?	Less than 3	3-10	11-100



Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 2

Date:

Site: Mansfeld Platt Perimeter Walk

Observer:

Do you see	Pheno	ohase	Circle the Value		
Young Leaves?	YN	1?	Less than 3	3-10	11-100
(small, just unfolding)			101-10,000	More t	han 10,000
Leaves?	YN	1?	Less than 5%	5-24%	25-49%
			50-74%	75-94%	95% or more
Colored Leaves?	YN	1?	Less than 5%	5-24%	25-49%
(brown or yellow)			50-74%	75-94%	95% or more
Falling Leaves?	YN	1?			
Flowers or Flower			Less than 3	3-10	11-100
Buds?	YN	1?	101-10,000	More t	han 10,000
Open Flowers?	YN	1?	Less than 5%	5-24%	25-49%
			50-74%	75-94%	95% or more
Pollen? (shake tree; yellow pollen?)	YN	1?	Little	Some	Lots
Fruits? (green or tan	YN	1?	Less than 3	3-10	11-100
bean pod)			101-10,000	More t	han 10,000
Ripe Fruits?	YN	1 ?	Less than 5%	5-24%	25-49%
(tan bean pod)			50-74%	75-94%	95% or more
Fruits or Seeds on	YN	1 ?	Less than 3	3-10	11-100
the ground?			101-10 000	More t	han 10 000



Do you see ...

Young Leaves?

**Colored Leaves?** 

(brown or yellow)

Falling Leaves?

**Open Flowers?** 

Pollen? (shake tree;

Fruits? (green or tan

Fruits or Seeds on

yellow pollen?)

bean pod)

Ripe Fruits? (tan bean pod)

the ground?

Buds?

**Flowers or Flower** 

Leaves?

(small, just unfolding)

Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 2

Less than 3

101-10,000

50-74%

50-74%

Less than 3

101-10,000

50-74%

Less than 3

101-10,000

50-74%

Less than 3

Little

**Circle the Value** 

Date:

3-10

Less than 5% 5-24% 25-49%

Less than 5% 5-24% 25-49%

Less than 5% 5-24% 25-49%

Some

Less than 5% 5-24% 25-49%

3-10

3-10

3-10

Site: Mansfeld Platt Perimeter Walk

Phenophase

Y N ?

N ?

Y N ?

Y N ?

Ν?

Y N ?

Y N ?

Y N ?

N ?

Y N ?

Y

Υ

Y

11-100

More than 10,000

75-94% 95% or more

75-94% 95% or more

More than 10,000

75-94% 95% or more

More than 10,000

75-94% 95% or more

11-100

Lots

11-100

11-100



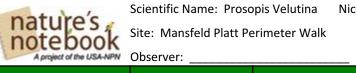
Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 3

Date: \_\_\_\_\_

Site: Mansfeld Platt Perimeter Walk

Observer: \_\_\_\_\_

Do you see	Phenophase	Circle the Value	
Young Leaves? (small, just unfolding)	Y N ?	Less than 3 3-10 11-100	
		101-10,000 More than 10,000	
Leaves?	Y N ?	Less than 5% 5-24% 25-49%	
		50-74% 75-94% 95% or more	
Colored Leaves?	Y N ?	Less than 5% 5-24% 25-49%	
(brown or yellow)		50-74% 75-94% 95% or more	
Falling Leaves?	Y N ?		
Flowers or Flower		Less than 3 3-10 11-100	
Buds?	YN?	101-10,000 More than 10,000	
Open Flowers?	YN?	Less than 5% 5-24% 25-49%	
		50-74% 75-94% 95% or more	
Pollen? (shake tree; yellow pollen?)	Y N ?	Little Some Lots	
Fruits? (green or tan bean pod)	Y N ?	Less than 3 3-10 11-100	
		101-10,000 More than 10,000	
Ripe Fruits? (tan bean pod)	Y N ?	Less than 5% 5-24% 25-49%	
		50-74% 75-94% 95% or more	
Fruits or Seeds on	YN?	Less than 3 3-10 11-100	
the ground?		101-10 000 More than 10 000	



Scientific Name: Prosopis Velutina Nickname: Velvet Mesquite 3

Date: \_\_\_\_\_

Do you see	Phen	opł	nase	Circle the	Value	
Young Leaves? (small, just unfolding)	Y	Ν	?	Less than 3	3-10	11-100
(e				101-10,000	More t	han 10,000
Leaves?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Colored Leaves? (brown or yellow)	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Falling Leaves?	Y	Ν	?			
Flowers or Flower				Less than 3	3-10	11-100
Buds?	Y	Ν	?	101-10,000	More t	han 10,000
Open Flowers?	Y	Ν	?	Less than 5%	5-24%	25-49%
				50-74%	75-94%	95% or more
Pollen? (shake tree; yellow pollen?)	Y	Ν	?	Little	Some	Lots
Fruits? (green or tan	Y	Ν	?	Less than 3	3-10	11-100
bean pod)			101-10,000	101-10,000 More than 10,000		
Ripe Fruits?	Y	Ν	?	Less than 5%	5-24%	25-49%
(tan bean pod)				50-74%	75-94%	95% or more
Fruits or Seeds on the ground?	Y	Ν	?	Less than 3	3-10	11-100



Scientific Name: Chilopsis Linearis

Nickname: Desert Willow 1

Site: Mansfeld Platt Perimeter Walk

#### Observer:\_\_\_\_\_

\_Date: \_\_\_\_

Do you see	Phenophase	Circle the Value		
Young Leaves? (small, just unfolding)	Y N ?	Less than 3 3-10 11-100		
		101-10,000 More than 10,000		
Leaves?	Y N ?	Less than 5% 5-24% 25-49%		
		50-74% 75-94% 95% or more		
Colored Leaves? (brown or yellow)	Y N ?	Less than 5% 5-24% 25-49%		
		50-74% 75-94% 95% or more		
Falling Leaves?	Y N ?	Have leaves recently fallen off?		
Flowers or Flower Buds?		Less than 3 3-10 11-100		
	Y N ?	101-10,000 More than 10,000		
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%		
		50-74% 75-94% 95% or more		
Fruits? (long, slender green or tan bean)	Y N ?	Less than 3 3-10 11-100		
		101-10,000 More than 10,000		
Ripe Fruits? (brown, opening to show seeds inside)	Y N ?	Less than 5% 5-24% 25-49%		
		50-74% 75-94% 95% or more		
Fruits or Seeds on the ground?	Y N ?	Less than 3 3-10 11-100		
		101-10,000 More than 10,000		



Scientific Name: Chilopsis Linearis

Nickname: Desert Willow 1

Site: Mansfeld Platt Perimeter Walk

Observer:\_\_\_\_\_

\_Date: \_

Do you see	Phenophase	Circle the Value	
Young Leaves? (small, just unfolding)	Y N ?	Less than 3 3-10 11-100	
		101-10,000 More than 10,000	
Leaves?	YN?	Less than 5% 5-24% 25-49%	
		50-74% 75-94% 95% or more	
Colored Leaves? (brown or yellow)	Y N ?	Less than 5% 5-24% 25-49%	
		50-74% 75-94% 95% or more	
Falling Leaves?	Y N ?	Have leaves recently fallen off?	
Flowers or Flower		Less than 3 3-10 11-100	
Buds?	Y N ?	101-10,000 More than 10,000	
Open Flowers?	Y N ?	Less than 5% 5-24% 25-49%	
		50-74% 75-94% 95% or more	
Fruits? (long, slender green or tan	Y N ?	Less than 3 3-10 11-100	
bean)		101-10,000 More than 10,000	
Ripe Fruits?	Y N ?	Less than 5% 5-24% 25-49%	
(brown, opening to show seeds inside)		50-74% 75-94% 95% or more	
Fruits or Seeds on the ground?	Y N ?	Less than 3 3-10 11-100	
		101-10,000 More than 10,000	