

## MAP KEY

- A:** Blue Palo Verde 1
- B:** Blue Palo Verde 2
- C:** Blue Palo Verde 3
- D:** Blue Palo Verde 4
- E:** Blue Palo Verde 5
- F:** Blue Palo Verde 6
- G:** Jojoba 1
- H:** Jojoba 2
- I:** Mountain Laurel 1
- J:** Mountain Laurel 2
- K:** Velvet Mesquite 1
- L:** Velvet Mesquite 2
- M:** Velvet Mesquite 3
- N:** Desert Willow 1

West

North





# NATURE'S NOTEBOOK FIELD GUIDE

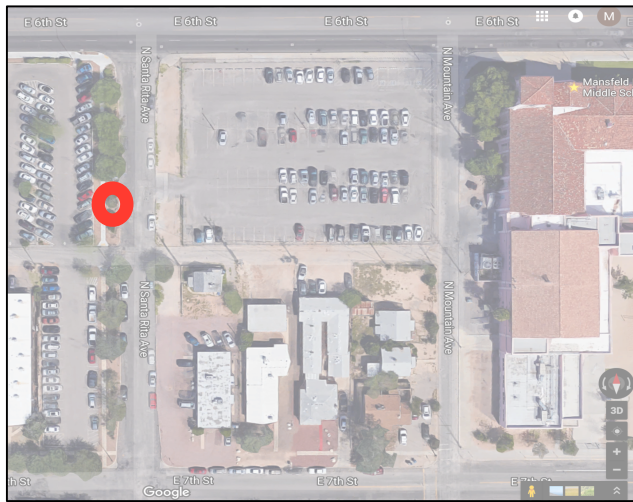
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Dermatophyllum Secundiflorum*

**Nickname:** Texas Mountain Laurel 1

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits:**





# NATURE'S NOTEBOOK FIELD GUIDE

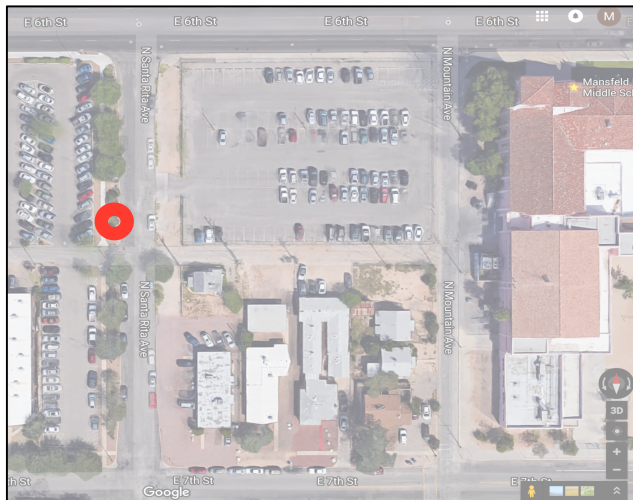
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Dermatophyllum Secundiflorum*

**Nickname:** Texas Mountain Laurel 2

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits:**





# NATURE'S NOTEBOOK FIELD GUIDE

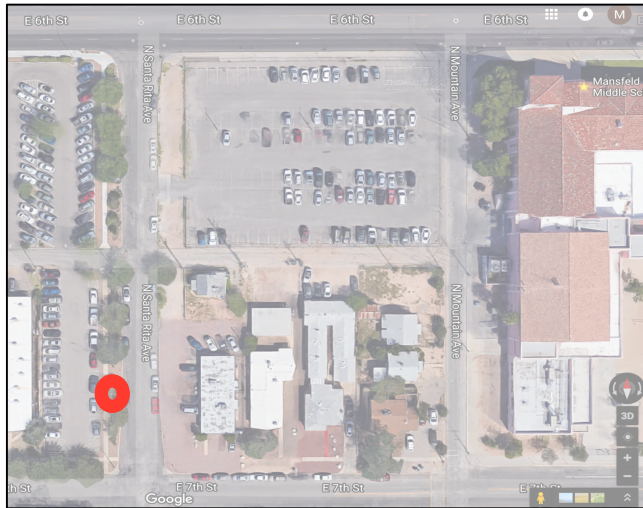
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Chilopsis Linearis*

**Nickname:** Desert Willow 1

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits:**





# NATURE'S NOTEBOOK FIELD GUIDE

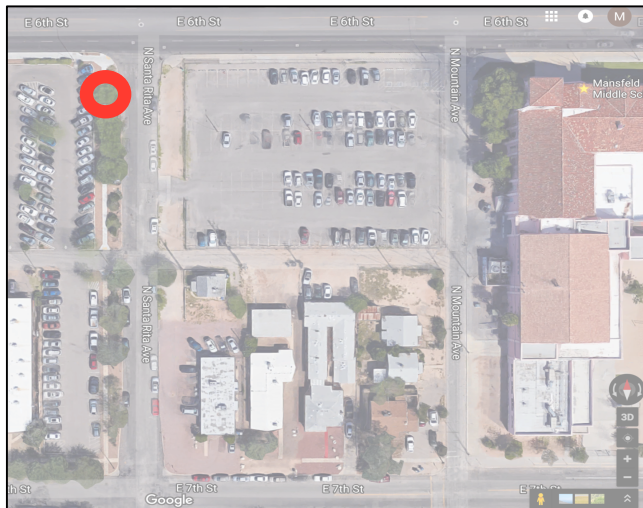
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** Parkinsonia Florida

**Nickname:** Blue Palo Verde 1

**Site:** Mansfeld Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**





# NATURE'S NOTEBOOK FIELD GUIDE

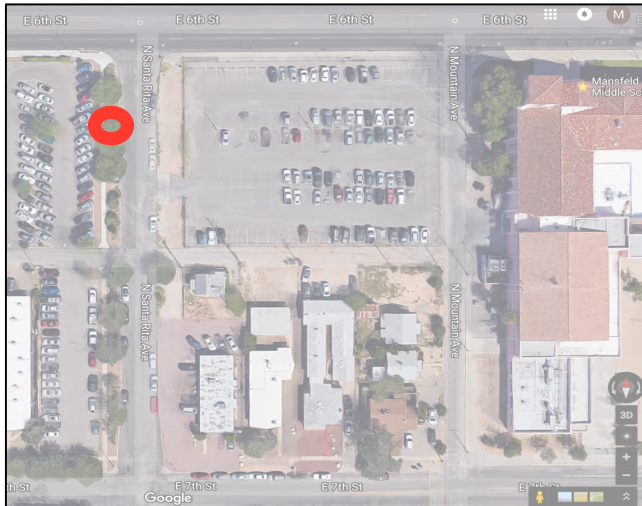
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** Parkinsonia Florida

**Nickname:** Blue Palo Verde 2

**Site:** Mansfeld Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**





# NATURE'S NOTEBOOK FIELD GUIDE

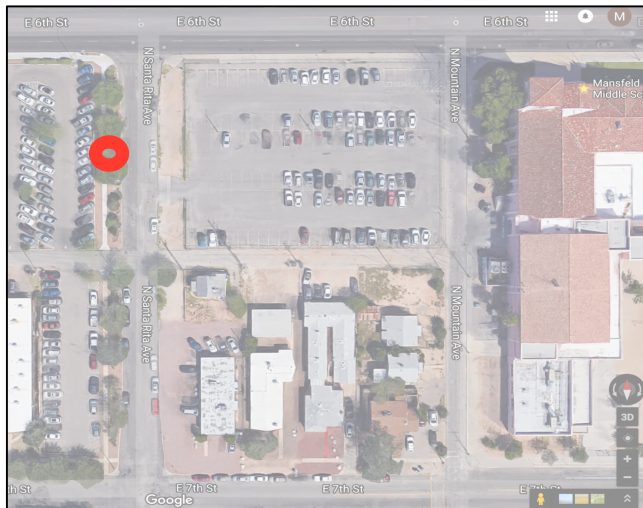
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** Parkinsonia Florida

**Nickname:** Blue Palo Verde 3

**Site:** Mansfeld Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**



# NATURE'S NOTEBOOK FIELD GUIDE

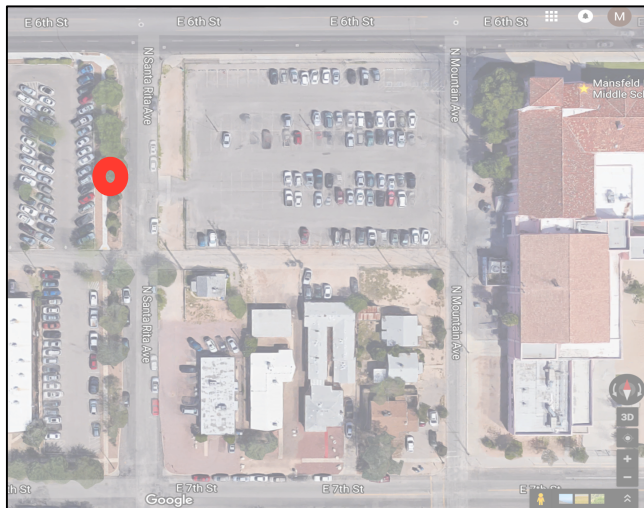
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** Parkinsonia Florida

**Nickname:** Blue Palo Verde 4

**Site:** Mansfeld Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**





# NATURE'S NOTEBOOK FIELD GUIDE

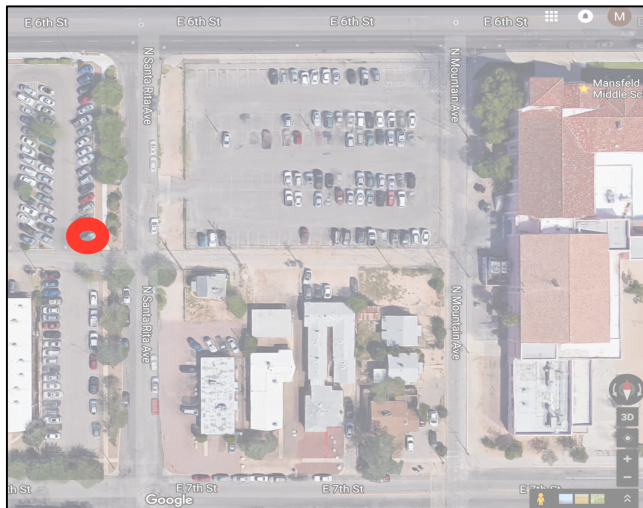
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** Parkinsonia Florida

**Nickname:** Blue Palo Verde 5

**Site:** Mansfeld Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**



# NATURE'S NOTEBOOK FIELD GUIDE

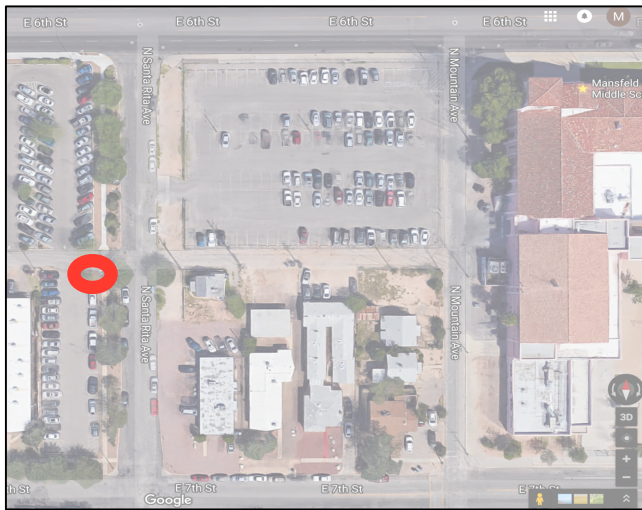
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** Parkinsonia Florida

**Nickname:** Blue Palo Verde 6

**Site:** Mansfeld Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**





# NATURE'S NOTEBOOK FIELD GUIDE

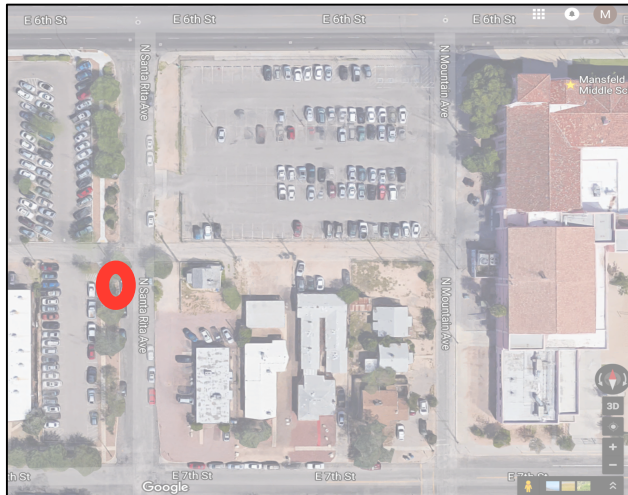
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Prosopis Velutina*

**Nickname:** Velvet Mesquite 1

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**



# NATURE'S NOTEBOOK FIELD GUIDE

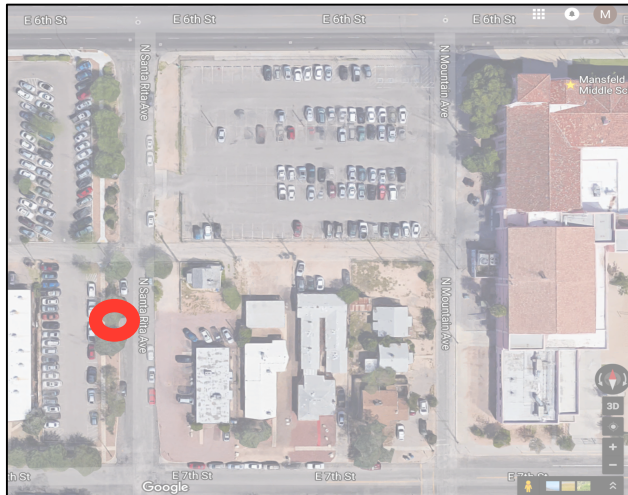
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Prosopis Velutina*

**Nickname:** Velvet Mesquite 2

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**





# NATURE'S NOTEBOOK FIELD GUIDE

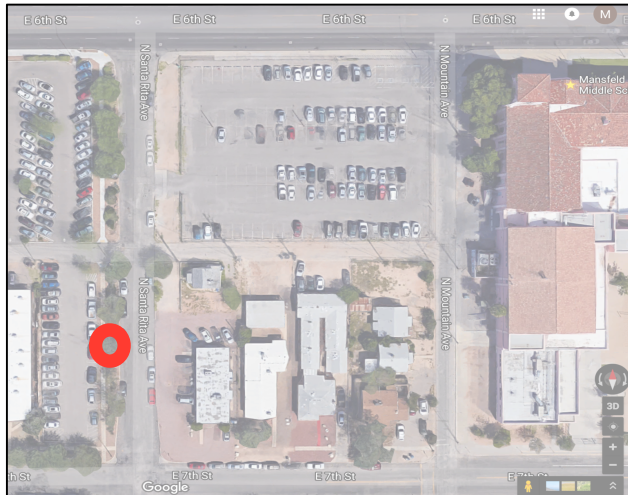
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Prosopis Velutina*

**Nickname:** Velvet Mesquite 3

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits and Dried Fruits (Seed Pods):**



# NATURE'S NOTEBOOK FIELD GUIDE

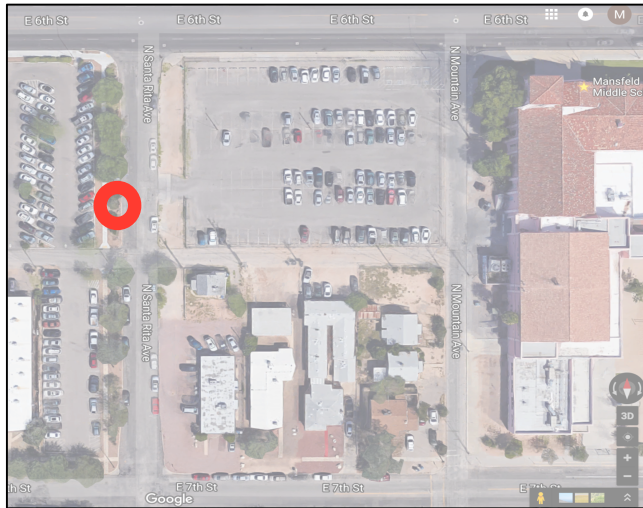
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Simmondsia Chinensis*

**Nickname:** Jojoba 1

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits or Dried Fruits (Seed Pods):**





# NATURE'S NOTEBOOK FIELD GUIDE

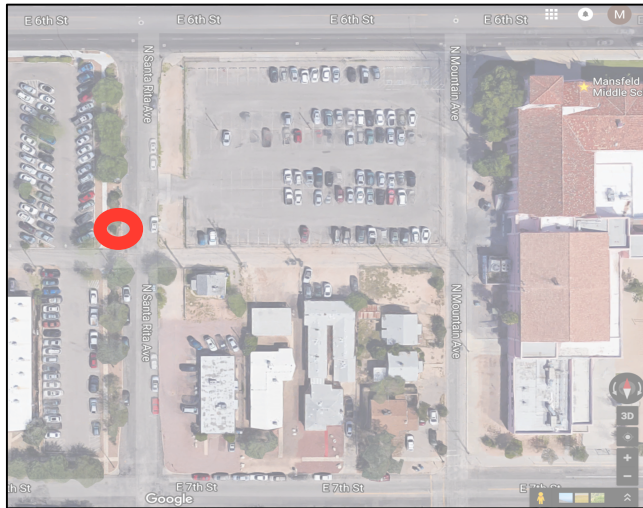
## GROUP NAME: MANSFELD PLATT PERIMETER WALK

**Scientific Name:** *Simmondsia Chinensis*

**Nickname:** Jojoba 2

**Site:** Mansfeld Platt Perimeter Walk

**Location:**



**Leaves:**



**Flowers or Flower Buds:**



**Fruits or Dried Fruits (Seed Pods):**





Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 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
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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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	





Scientific Name: Parkinsonia Florida

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   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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

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   N   ?	Less than 3	3-10	11-100
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Falling Leaves?	Y   N   ?			
Flowers or Flower Buds?	Y   N   ?	Less than 3	3-10	11-100
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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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 3

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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 3

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   ?			
Flowers or Flower Buds?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	
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		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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	





Scientific Name: Parkinsonia Florida

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   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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

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   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   ?			
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
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		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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 5

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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

Nickname: Blue Palo Verde 5

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   ?			
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
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		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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	





Scientific Name: Parkinsonia Florida

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   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   ?			
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? (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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Parkinsonia Florida

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   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%
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Falling Leaves?	Y   N   ?			
Flowers or Flower Buds?	Y   N   ?	Less than 3	3-10	11-100
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		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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Simmondsia Chinensis

Nickname: Jojoba 1

Site: Mansfeld Platt Perimeter Walk

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

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

Do you see ...	Phenophase	What Value?		
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? (seed has changed from green to brown)	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	
Ripe Fruits? (seed has turned light brown or red/brown)	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: Simmondsia Chinensis

Nickname: Jojoba 1

Site: Mansfeld Platt Perimeter Walk

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

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

Do you see ...	Phenophase	What Value?		
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? (seed has changed from green to brown)	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	
Ripe Fruits? (seed has turned light brown or red/brown)	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: Simmondsia Chinensis

Nickname: Jojoba 2

Site: Mansfeld Platt Perimeter Walk

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

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

Do you see ...	Phenophase	What Value?		
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? (seed has changed from green to brown)	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	
Ripe Fruits? (seed has turned light brown or red/brown)	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: Simmondsia Chinensis

Nickname: Jojoba 2

Site: Mansfeld Platt Perimeter Walk

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

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

Do you see ...	Phenophase	What Value?		
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? (seed has changed from green to brown)	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	
Ripe Fruits? (seed has turned light brown or red/brown)	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 1

Site: Mansfeld Platt Perimeter Walk

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

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

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 1

Site: Mansfeld Platt Perimeter Walk

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

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

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)	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)	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: Prosopis Velutina

Nickname: Velvet Mesquite 1

Site: Mansfeld Platt Perimeter Walk

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

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? (brown or yellow)	Y   N   ?	Less than 5%	5-24%	25-49%
		50-74%	75-94%	95% or more
Falling Leaves?	Y   N   ?			
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
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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Prosopis Velutina

Nickname: Velvet Mesquite 1

Site: Mansfeld Platt Perimeter Walk

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

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? (brown or yellow)	Y   N   ?	Less than 5%	5-24%	25-49%
		50-74%	75-94%	95% or more
Falling Leaves?	Y   N   ?			
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
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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Prosopis Velutina

Nickname: Velvet Mesquite 2

Site: Mansfeld Platt Perimeter Walk

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

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? (brown or yellow)	Y   N   ?	Less than 5%	5-24%	25-49%
		50-74%	75-94%	95% or more
Falling Leaves?	Y   N   ?			
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
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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Prosopis Velutina

Nickname: Velvet Mesquite 2

Site: Mansfeld Platt Perimeter Walk

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

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? (brown or yellow)	Y   N   ?	Less than 5%	5-24%	25-49%
		50-74%	75-94%	95% or more
Falling Leaves?	Y   N   ?			
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
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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Prosopis Velutina

Nickname: Velvet Mesquite 3

Site: Mansfeld Platt Perimeter Walk

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

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? (brown or yellow)	Y   N   ?	Less than 5%	5-24%	25-49%
		50-74%	75-94%	95% or more
Falling Leaves?	Y   N   ?			
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
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 the ground?	Y   N   ?	Less than 3	3-10	11-100
		101-10,000	More than 10,000	



Scientific Name: Prosopis Velutina

Nickname: Velvet Mesquite 3

Site: Mansfeld Platt Perimeter Walk

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

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? (brown or yellow)	Y   N   ?	Less than 5%	5-24%	25-49%
		50-74%	75-94%	95% or more
Falling Leaves?	Y   N   ?			
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
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 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?	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?	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? (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?	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?	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? (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	