

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 8/27/2012

Site name:

Site number: VA-71

Occurrence ID: VA-71-02

Common name:

Scientific name:

Prenanthes roanensis

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emd@embarqmail.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units: Feet
Coordinate System: Lat/Long		Datum : NAD83
Y Coordinate (Latitude): 36.649140000000003	X Coordinate (Longitude): -81.660659999999993	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 1-5
Plant count:	123	% Flowering: 51-100
Count time:	150 mins minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Dry

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:

Trees			Shrubs		Understory	
1	Oak		1	Rhododendron	1	Blue Cohosh in fruit
2	Maple		2		2	Indian Cucumber in fruit
3	Fraser magnolia in fruit		3		3	Yellow Mandarin in fruit
					4	Club Moss with candlelabra
					5	Partridge Berries

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Trace	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1289	Prenanthes roanensis	
2	1290	Prenanthes roanensis	
3	1291	Prenanthes roanensis	
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **150**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: No Recommendations

Comments: No Comments

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Visit date: 8/1/2012

Site name:

Site number: VA-70

Occurrence ID: VA-70-18

Common name:

Scientific name:

Hypericum mitchellianum

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emdgc@embarqmail.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units: Feet
Coordinate System: Lat/Long		Datum : NAD83
Y Coordinate (Latitude): 36.638579999999997	X Coordinate (Longitude): -81.610789999999994	
Area Covered: <u>4</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:	3	% Flowering: 51-100
Count time:	30 mins minutes	% Fruiting: 51-100
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Unknown

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 51-95

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees		Shrubs		Understory	
1	Hawthorne	1	Blackberry	1	Ferns
2	Red Spruce	2		2	White Monarda
3		3		3	Yarrow
				4	
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Trace	Social trails?	No
Competition/ succession:	Most	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1270	St. John's Wort	camera was aimed NE
2	1271	St. John's Wort	camera was aimed NE
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 30

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: July 16, 2008, there were about 1000 St. John's Wort plants at the turning circle. Could cold winters be a reason for such a poor showing in 2012? Or could it be competition by blackberry stalks?

Comments:

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Visit date: 8/2/2012

Site name:

Site number: VA-69

Occurrence ID: VA-69-12

Common name:

Scientific name:

Hypericum mitchellianum

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emd@embarqmail.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units: Feet
Coordinate System: Lat/Long		Datum : NAD83
Y Coordinate (Latitude): 36.642490000000002	X Coordinate (Longitude): -81.501140000000007	
Area Covered: <u><1 acre</u>	Units: <u>Acres</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Clump	% Vegetative: 26-50
Plant count:	150	% Flowering: 51-100
Count time:	30 minutes	% Fruiting: 1-5
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Dry

Sunlight (% sun): 51-95

List the most common species growing together with or immediately adjacent to the rare plants:

Trees		Shrubs		Understory	
1	Hawthorned	1	Blueberry bushes	1	Yarrow
2		2		2	Ferns
3		3		3	Cinquefoil
				4	Grasses
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	Trace	Trail maintenance?	No
Browsing:	Trace	ATV tracks?	No
Insect damage or disease:	Trace	Social trails?	No
Competition/ succession:	Trace	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	es Some of these plants are in the spur trail and others are on the way to the many blueberry bushes in the open field. The berry pickers have appreciated the cheerful blossoms enough not to step on them.		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1	St. John's Wort	
2	2	St. John's Wort	
3	3	St. John's Wort	
4	4		
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 30

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: August 9, 2009, only one clump was found by a rock in the spur trail. Since then, St. John's Wort plants have multiplied.

Comments:

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Visit date: 5/26/2012

Site name:

Site number: VA-69

Occurrence ID: VA-69-10

Common name:

Scientific name:

Diphylleia cymosa

	Monitor name	Email	Phone
1	Stanley, Mark	276-233-5858	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy: 21	GPS Accuracy Units: Feet
Coordinate System: Lat/Long		Datum : NAD83
Y Coordinate (Latitude): 36.655560000000001	X Coordinate (Longitude): -81.558329999999998	
Area Covered: <u>2250</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 26-50
Plant count:	45	% Flowering: 6-25
Count time:	15 minutes	% Fruiting: 51-100
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Wet

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees		Shrubs		Understory	
1	Black Birch	1	Beech	1	Malaxis
2	Sugar Maple	2	Robble Bush	2	Clintonia umbellulata
3	Beech	3		3	Veratrum
				4	
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	No
Competition/ succession:	None	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	None		
2			
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **15**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: No Recommendations

Comments: No Comments

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Visit date: 7/19/2012

Site name:

Site number: VA-49

Occurrence ID: VA-49-01

Common name:

Scientific name:

Arnoglossum muehlenbergii

	Monitor name	Email	Phone
1	Sykora, Jinx	njsykora80@gmail.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System:	Datum :	
Y Coordinate (Latitude):	X Coordinate (Longitude):	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 6-25
Plant count:	10	% Flowering: 1-5
Count time:	60 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? No

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Average

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Dry

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:

Trees		Shrubs		Understory	
1	Shag Bark Hickory	1	Witch Hazel	1	Grass
2	Chestnut Oak	2		2	Jack in the Pulpit
3		3		3	
				4	
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Trace	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	Basal Leaves		North edge of colony
2	Flowering, not fully open		South edge of colony
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **60**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations:

Comments: Most plants had large, green leaves with little to no insect damage.

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Visit date: 8/7/2012

Site name:

Site number: VA-70

Occurrence ID: VA-70-22

Common name:

Scientific name:

Prenanthes roanensis

	Monitor name	Email	Phone
1	Hagen, Nancy	nhagen@embarqmail.com	276-475-3599
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : NAD27
Y Coordinate (Latitude): 36.636189999999999	X Coordinate (Longitude): -81.603970000000004	
Area Covered: <u>20</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:	4	% Flowering: 51-100
Count time:	10 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Unknown

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Average

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Dry

Sunlight (% sun): >95

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees		Shrubs		Understory	
1	None	1	Blackberry	1	Ferns
2		2		2	
3		3		3	
				4	
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	Unsure
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	No
Competition/ succession:	Most	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1	Close up of flowers	
2	2	looking down to show leaves	
3	3	plant environment - surrounded by blackberries	
4	4	trail beside plant	looking North from 3rd switch back
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **15**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: Blackberry removal. I believe this plant will be choked out if not. (See picture)

Comments:

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Visit date: 8/13/2012

Site name:

Site number: VA-70

Occurrence ID: New Occurrence

Common name:

Scientific name:

Cinna latifolia

	Monitor name	Email	Phone
1	Hagen, Nancy	nhagen@embarqmail.com	276-475-3599
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : NAD27
Y Coordinate (Latitude): 36.639127000000002	X Coordinate (Longitude): -81.609849999999994	
Area Covered: <u>24</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 0
Plant count:	5	% Flowering: 0
Count time:	15 minutes	% Fruiting: 1-5
OR Estimate:		% Senescent: 1-5
OR % Cover:		Seedlings or Immature present? No

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Poor

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): <5

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees			Shrubs		Understory	
1	Spruce	1	Brambles	1	Ferns	
2		2		2	White Snakeroot?	
3		3		3		
				4		
				5		

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	Most	Trail maintenance?	No
Browsing:	Trace	ATV tracks?	No
Insect damage or disease:	Some	Social trails?	Unsure
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	Area trampled, possibly by an animal. Probably not human because it is so un-level.		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1	plant environment	above colony looking North
2	2	close-up of seed heads	
3	3	tower-site is to the right and about 30' down from here	Looking North
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **15**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: Possible to cut back weeds on right hand side of trail (as you head down). Only 2 stems are surviving as far as I can tell and they are very close to trail.

Comments: Stems were broken in several places. Area appears to be trampled.

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 8/1/2012

Site name:

Site number: VA-70

Occurrence ID: New Occurrence

Common name:

Scientific name:

Arnoglossum muehlenbergii

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emdgc@embarqmail.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long	Datum : WGS84	
Y Coordinate (Latitude): 36.645740000000004	X Coordinate (Longitude): -81.582629999999995	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Clump	% Vegetative: 51-100
Plant count:	73	% Flowering: 6-25
Count time:	72 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): <5

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees		Shrubs		Understory	
1	Beech	1	Buckeye seedlings	1	Wild Geranium Leaves
2	Maple	2		2	Ferns
3	Oak	3		3	Trillium w/ fruit
				4	White rattlesnake root
				5	Jack in the pulpit w/ fruit

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	Colts Foot	L	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Some	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	Unsure		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1259	Great Indian Plantain	
2	1261	Great Indian Plantain	
3	1262	Great Indian Plantain	
4	1265	Great Indian Plantain	
5	1264	Jack in the Pulpit w/ fruit	
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 72

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations:

Comments: Leaves of seedlings were learge and stems were long and all of good color.
Blooming plants were standing tall and several had more then one inflorescence at the top.

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 5/28/2012

Site name:

Site number: VA-71

Occurrence ID: VA-71-01

Common name:

Scientific name:

Diphylleia cymosa

	Monitor name	Email	Phone
1	Gette, Linda	lgette@embarqmail.com	276-398-2313
2	Grasselli, Eleanor	emdgc@embarqmail.com	
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : WGS84
Y Coordinate (Latitude): 36.643340000000002	X Coordinate (Longitude): -81.658109999999994	
Area Covered: <u>600</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:	87	% Flowering: 1-5
Count time:	20 minutes	% Fruiting: 1-5
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): <5

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees		Shrubs		Understory	
1	Striped Maple	1	None	1	Red Trillium
2	Black Birch	2		2	Viola spp.
3	Hemlock	3		3	Meadow ? rue
				4	Blue cohosh
				5	Mountain woodfern ?

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	Plants are healthy and growing only on downhill side of trail. Not familiar enough with habits of these plants or others listed above to know what threats they may face from succession. But they look very happy there under current conditions.		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	DSCN1237 (5)	Large, typically healthy plant	standing amid plants
2			
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **45**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: Plants should be monitored only every other year, as monitoring could damage them, since it is necessary to leave the trail and walk among the plants to count them and check on them. Presumably changes in hydration or canopy could affect them.

Comments: Plants green and sturdy. Range of sizes, including many young plants.

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 5/28/2012

Site name:

Site number: VA-72

Occurrence ID: VA-72-01

Common name:

Scientific name:

Saxifraga caroliniana

	Monitor name	Email	Phone
1	Gette, Linda	lgette@embarqmail.com	276-398-2313
2	Grasselli, Eleanor	emdgc@embarqmail.com	
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long	Datum : WGS84	
Y Coordinate (Latitude): 34.649900000000002	X Coordinate (Longitude): -81.67004	
Area Covered: <u>4500</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:		% Flowering: 51-100
Count time:	60 minutes	% Fruiting: 6-25
OR Estimate:		% Senescent: 0
OR % Cover:	1-5	Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Wet

Sunlight (% sun): <5

List the most common species growing together with or immediately adjacent to the rare plants:

Trees		Shrubs		Understory	
1	Hemlock	1	Rhododendron maximum	1	Stinging Nettle
2	Birch	2	Kalmia latifolia	2	Mosses (Sphagnum, pincushion)
3	Maple	3		3	Meadow rue in bloom
				4	Ferns (polypody, spleenwort, etc.)
				5	Mystery Plant (see photos)

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	No
Competition/ succession:	None	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No immediate disturbance indicated, though changes in water table, widening of road, changes in % sunlight or possibly succession could affect these plants. (Not sure of the identity of the "mystery plant shown in photo. Could this be a succession threa		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	DSCN 1226	Saxifrage plant in bloom	Standing in road facing cliff (West)
2	2	S. carolinia site	Standing in road facing cliff (West)
3	0	mystery plant growing with saxifrage	Standing in road facing cliff (West)
4	0	group of mystery plants	Standing in road facing cliff (West)
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 60

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: As they are on a vertical face bordering a road, these plants could be monitored each year. It would be nice to get positive ID of the species. Perhaps Tom Wieboldt at the Virginia Tech herbarium would be willing to help.

Comments: Plants seem very happy...green, flowering, many seedlings

Rare Plant Monitoring Data Form, Version 1.05

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Visit date: 6/28/2012

Site name:

Site number: VA-70

Occurrence ID: VA-70-24

Common name:

Scientific name:

Sibbaldiopsis tridentata

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emd@embarqmail.com	
2	Dickert, George	geokert@yahoo.com	
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : WGS84
Y Coordinate (Latitude): 36.638629999999999	X Coordinate (Longitude): -81.610799999999998	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 6-25
Plant count:		% Flowering: 6-25
Count time:	60 minutes	% Fruiting: 6-25
OR Estimate:	>1000	% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 51-95

List the most common species growing together with or immediately adjacent to the rare plants:

Trees			Shrubs		Understory	
1	Red Spruce		1	Blackberry	1	Yarrow
2	Sassafras		2	Mountain Ashe	2	Clover (Hops and Red)
3	Hawthorne		3	Red Spruce Seedlings	3	Fern
					4	Yellow Hawkweed
					5	Fleabane

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Trace	Social trails?	Yes
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	Yes	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	Yes There is one puddle of water in the lower part of this turning circle.		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1243		
2	1244		
3	1245		
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 60

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: The mud puddle may provide moisture for the plants below the road.

Comments:

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 6/28/2012

Site name:

Site number: VA-74

Occurrence ID: VA-74-01

Common name:

Scientific name:

Philadelphus hirsutus

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emd@embarqmail.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long	Datum : WGS84	
Y Coordinate (Latitude): 36.635939999999998	X Coordinate (Longitude): -81.73603	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Clump	% Vegetative: 51-100
Plant count:	71	% Flowering: 6-25
Count time:	60 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:

Trees			Shrubs		Understory	
1	Oak		1	Mountain Laurel	1	False Solomon Seal
2	Maple		2	Rhododendron	2	Fire Pink
3	Buckeye		3	Blackberries	3	Solomon Seal
					4	Canada Violets
					5	Wild Iris foliage

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	Kudzu	L	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Trace	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1186	Mock Orange	pointing camera North from the Trail.
2			
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 60

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: It would be good if MRATC maintainers would cut kudzu, which is on either side of the AT.

Comments:

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 4/27/2012

Site name:

Site number: VA-70

Occurrence ID: New Occurrence

Common name:

Scientific name:

Phacelia fimbriata

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emdgc@embarqmail.com	
2	Ferguson, Jason	jferguson7075@yahoo.com	
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : WGS84
Y Coordinate (Latitude): 36.633479999999999	X Coordinate (Longitude): -81.609120000000004	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 6-25
Plant count:		% Flowering: 26-50
Count time:	60 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:	1-5	Seedlings or Immature present? Unknown

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:

Trees		Shrubs		Understory	
1	Hawthorn	1	Blackberries	1	False Hellebore
2	Birch	2	Buckeye seedlings	2	Wood anemone
3	Beech	3		3	Bluets
				4	May apple
				5	Violets

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	Some	Trail maintenance?	Unsure
Browsing:	None	ATV tracks?	Unsure
Insect damage or disease:	None	Social trails?	Unsure
Competition/ succession:	Some	Campsite?	Unsure
Drought?	Unsure	Plant collection?	Unsure
Erosion?	Unsure	New development?	Unsure
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1238		
2	1239		
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 60

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: These plants are happy because of the snow, rains and warmer weather this spring.

Comments:

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 4/27/2012

Site name:

Site number: VA-70

Occurrence ID: New Occurrence

Common name:

Scientific name:

Phacelia fimbriata

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emd@embarqmail.com	
2	Ferguson, Jason	jferguson7075@yahoo.com	
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long	Datum : WGS84	
Y Coordinate (Latitude): 36.63449	X Coordinate (Longitude): -81.62063999999995	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 6-25
Plant count:		% Flowering: 26-50
Count time:	90 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:	26-50	Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 51-95

List the most common species growing together with or immediately adjacent to the rare plants:

Trees			Shrubs		Understory	
1	Hawthorn		1	Blackberries	1	Violets
2	Birch		2	Buckeye seedlings	2	Wood anemone
3	Beech		3		3	Bluets
					4	May Apple
					5	Columbine

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	Some	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1159		
2	1160		
3	1161		
4	1162		
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **90**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: These plants were very happy because of the snow, rains, and warmer weather this spring. All GPS readings were on the AT. Almost everywhere we paused to look above and below the AT, Fringed Phacelia were blooming as far as the eye could see.

Comments: Color of foliage and bright white of fringed blossoms

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 4/27/2012

Site name:

Site number: VA-70

Occurrence ID: New Occurrence

Common name:

Scientific name:

Arnoglossum muehlenbergii

	Monitor name	Email	Phone
1	Grasselli, Eleanor	emdgc@embarqmail.com	
2	Ferguson, Jason	jferguson@yahoo.com	
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long	Datum : WGS84	
Y Coordinate (Latitude): 36.632460000000002	X Coordinate (Longitude): -81.621229999999997	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Clump	% Vegetative: 51-100
Plant count:	1	% Flowering: 0
Count time:	15 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Average

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 51-95

List the most common species growing together with or immediately adjacent to the rare plants:

Trees		Shrubs		Understory	
1	None	1	None	1	Fringed Phacelia
2		2		2	Wood anemone
3		3		3	Jack-in-the-pulpit
				4	
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	Some	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1163		
2			
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **15**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: This was a first sighting of Great Indian Plantain in this location. The lump is far enough above the trail. It is in sunlight, which Great Indian Plantain loves.

Comments: Color of foliage is good, but something has been chewing on the plant.

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 8/19/2012

Site name:

Site number: VA-52

Occurrence ID: VA-52-01

Common name:

Scientific name:

Carex polymorpha

	Monitor name	Email	Phone
1	Hamilton, Tim	thamilton@jetbroadband.com	434-238-6416
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : NAD83
Y Coordinate (Latitude): 37.674439999999997	X Coordinate (Longitude): -79.341390000000004	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:		% Flowering: 0
Count time:	45 minutes	% Fruiting: 1-5
OR Estimate:	>1000	% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees			Shrubs		Understory	
1	White Oak	1	Mountain Laurel	1	None	
2	Red Maple	2	Huckleberry	2		
3	Black Oak	3		3		
				4		
				5		

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	Trace	Trail maintenance?	Yes
Browsing:	None	ATV tracks?	Yes
Insect damage or disease:	None	Social trails?	Yes
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	1	Vegetative	From center looking South
2	2	Vegetative	From center looking North
3	3	Vegetative	Looking down from center
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 45

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations:

Comments: Condition happened to be excellent. Mostly confined to FR164. Scattered occurrences into the wooded area next to FR164.

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 7/13/2012

Site name:

Site number: VA-39

Occurrence ID: VA-39-01

Common name:

Scientific name:

Muhlenbergia glomerata

	Monitor name	Email	Phone
1	Banks, Charley	charleybanks@aol.com	
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: #	GPS Accuracy:	GPS Accuracy Units:
Coordinate System:	Datum :	
Y Coordinate (Latitude):	X Coordinate (Longitude):	
Area Covered: <u>data absent</u>	Units: <u>data absent</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 26-50
Plant count:	105	% Flowering: 26-50
Count time:	60 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Unknown

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Average

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:

Trees		Shrubs		Understory	
1	None	1	None	1	None
2		2		2	
3		3		3	
				4	
				5	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	Unsure
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	Unsure
Competition/ succession:	None	Campsite?	Unsure
Drought?	Unsure	Plant collection?	No
Erosion?	Unsure	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	Unsure		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	None		
2			
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 60

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: No Recommendations

Comments: No Comments

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 7/22/2012

Site name:

Site number: VA-50

Occurrence ID: VA-50-01

Common name:

Scientific name:

Arnoglossum muehlenbergii

	Monitor name	Email	Phone
1	Frisbee, Dick	none	none
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: # n/a	GPS Accuracy: 0	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : Unknown
Y Coordinate (Latitude): 37.740833000000002	X Coordinate (Longitude): -79.221389000000002	
Area Covered: <u>18</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:	6	% Flowering: 1-5
Count time:	90 minutes	% Fruiting: 1-5
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? No

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Moist

Sunlight (% sun): 5-50

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees			Shrubs		Understory	
1	Quercus rubra	1	Betula lenta	1	Heracleum maximum	
2	Acer rubrum	2	Smilax rotundifolia	2	Impatiens capensis	
3	Carya ovata	3		3	Arisaema triphyllum	
				4	Eupatorium purpureum	
				5	Maianthemum racemosum	

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	None	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	No
Competition/ succession:	Some	Campsite?	No
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	None	Flower Stalk (single)	
2		Large basal leaves	
3		General 3'x6' patch	
4		environment	
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: 90

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: The careful pruning of Cow Parsnip at ground level is the only management necessary. The Touch me Not and Sunflowers are not a problem.

Comments:

Rare Plant Monitoring Data Form, Version 1.05

Please avoid trampling rare plants and the site in general. Remain as still as possible and step carefully. During your visit, refer to the monitoring report and rare species occurrence map given to you during training. Fill out this form as directed in the AT Rare Plant Standard Operating Protocol (SOP) and volunteer guide given to you during training. If you see an urgent threat or disturbance to the rare plants, please contact your coordinator immediately!

Visit date: 8/11/2012

Site name:

Site number: VA-51

Occurrence ID: VA-51-01

Common name:

Scientific name:

Solidago simplex var. *randii*

	Monitor name	Email	Phone
1	Frisbee, Dick	none	none
2			
3			
4			
5			

If you were unable to bring a GPS unit, please **sketch**, on the rare species occurrence map provided to you, the approximate area covered by rare plants this year, or if not found, please sketch the area searched. Preferred units are in **BOLD**. Be sure to record all measures and circle units used, even if they are the preferred values.

NPS GPS Unit: # n/a	GPS Accuracy: 0	GPS Accuracy Units:
Coordinate System: Lat/Long		Datum : Unknown
Y Coordinate (Latitude): 37.733333000000002	X Coordinate (Longitude): -79.171389000000005	
Area Covered: <u>150000</u>	Units: <u>ft.2</u>	

Rare Plant Info

Found?	Yes	If unsure, Why?
Count unit:	Stem	% Vegetative: 51-100
Plant count:	3400	% Flowering: 26-50
Count time:	480 minutes	% Fruiting: 0
OR Estimate:		% Senescent: 0
OR % Cover:		Seedlings or Immature present? Yes

What is the condition of this rare plant occurrence?

Please note the characteristic(s) considered and what you observed: Excellent

Associated Site Conditions (wetness, Sun, other species, impacts, etc.)

Wetness (Circle one)

Sun exposure on rare plants (estimate)

Water on site: Dry

Sunlight (% sun): >95

List the most common species growing together with or immediately adjacent to the rare plants:.

Trees		Shrubs		Understory	
1	Quercus rubra	1	Kalmia latifolia	1	Saxifraga oppositifolia
2	Sorbus americana	2	Rhododendron	2	Sedum
3	Hamamelis virginiana	3	Ericaceae	3	Spiraea
				4	Dicentra formosa ssp. formosa
				5	Aster ericoides

Associated Site Conditions (wetness, Sun, other species, impacts, etc.) Continued

List any invasive exotic species seen on site during your visit. Note degree of infestation as low, medium or high.

	Species	Invasiveness		Species	Invasiveness
1	None	M	6		M
2		M	7		M
3		M	8		M
4		M	9		M
5		M	10		M

Note any disturbance seen affecting, or potentially affecting the rare plants. Record details in the comments, and, if indicated, record the portion of rare plants affected:

Trampling:	Some	Trail maintenance?	No
Browsing:	None	ATV tracks?	No
Insect damage or disease:	None	Social trails?	Yes
Competition/ succession:	None	Campsite?	Yes
Drought?	No	Plant collection?	No
Erosion?	No	New development?	No
Other disturbance (please describe) and disturbance specific comments, if any:	No		

Photo Log (record additional on back)

Photo Number	Photo File Name	Feature Photographed (e.g., flower , juvenile, unknown, insect)	Location and Direction of Photo (e.g., from center of colony looking North)
1	None	Flower	West Overlook
2		Flower	East Overlook
3			
4			
5			
6			
7			
8			
9			
10			

Time spent (minutes):

Monitoring: **480**

Travel (to and from trailhead):

Hiking (to and from occurrence):

Certification

Monitor: I certify that **ALL** data entered on this form are complete and accurate and that I have personally reviewed all entries

Monitor Name (signature): _____ Date: _____

Reviewer: I have reviewed **ALL** data on this form and certify them to be complete and accurate.

Name (printed): _____ Signature: _____ Date: _____

Purpose	Date	Initials
Entered into Spreadsheet		
100% Check		
10% Check		
Validation		

Please submit completed form to your monitoring coordinator within 3 weeks of your visit.

Thank you for your help!

Management Recommendations: Plaque needed on East Overlook explaining importance of preserving Rand's Goldenrod.

Comments: