Sugar Creek & Montgomery Woods Conservation Areas

Ten-Year Area Management Plan FY 2018-2027



Forestry Division Chief

1-04-18 Date

Sugar Creek & Montgomery Woods Conservation Areas Management Plan Approval Page

PLANNING TEAM

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OVERVIEW

Area	Area	Year	Acreage	County	Administrative	Maintenance
Name	Number	Acquired			Responsibility	Responsibility
Sugar	7307	1973	2,603	Adair	Forestry	Wildlife,
Creek CA						Forestry
Montgomery	7725	1978	348	Adair,	Forestry	Wildlife,
Woods CA				Macon	-	Forestry

Statements of Purpose:

A. Strategic Direction

Sugar Creek Conservation Area (CA) and Montgomery Woods CA have a wide diversity of natural communities that support a diverse array of species. The management emphasis encourages healthy populations of turkey, deer, quail, and associated non-game species, while conserving and enhancing water quality, diverse natural communities (such as upland forests), and offering the public compatible outdoor recreational opportunities.

B. Desired Future Condition

The desired future condition of Sugar Creek CA and Montgomery Woods CA is healthy natural communities including upland and bottomland forests.

C. Federal Aid Statement

- Sugar Creek CA: This area, or a portion thereof, was acquired with Pittman-Robertson Wildlife Restoration funds to restore and manage wildlife, conserve, and restore suitable wildlife habitat and provide public access for hunting or other wildlife-oriented recreation.
- Montgomery Woods CA: N/A

GENERAL INFORMATION AND CONDITIONS

I. Special Considerations

Area Name	Priority Areas	Natural Areas
Sugar Creek CA	Thousand Hills Forest/Woodland Conservation	None
	Opportunity Area, Priority Forest Landscape	
Montgomery Woods CA	None	None

II. Important Natural Features and Resources

Area Name	Species of Conservation Concern	Caves	Springs	
Sugar Creek CA	Yes ¹	None	None	
Montgomery Woods CA	None observed	None	None	

¹Species of conservation concern are known from this area. Area managers should consult the Natural Heritage Database annually and review all management activities with the natural history biologist.

III. Existing Infrastructure

Area Name	Privy	Parking	Lake/ Ponds	Other
	#	Area#		
Sugar Creek CA	11	10 ¹	2 fishing ponds (1.5 acres total), 7 fishless/ unmanaged ponds (3.5 acres total)	 Ironwood Hollow Trail (2-mile hiking trail with three wooden bridges and wooden steps), Multi-Use trail (10 mile-hike/bike/horse trail), Unstaffed shooting range (with 25-, 50-, 100-yard shooting lanes, concrete shooting benches, and concrete pad)¹, Storage building
Montgomery Woods CA	None	1	None	Service trail (authorized vehicles only)

¹There is one Americans with Disabilities Act (ADA) accessible parking lot located at the unstaffed shooting range.

IV. Area Restrictions or Limitations

Area Name	Deed	Federal	Ease-	Cultural	Endangered	Boundary
	Restrictions	Interest	ments	Resources	Species	Issues
Sugar Creek	None	Yes ^{1,2}	Yes ³	None	None	Yes ⁶
CA				observed	observed	
Montgomery	None	No	Yes ⁴	None	Yes ⁵	None
Woods CA				observed		

¹Uses of land acquired with federal funds may not interfere with the purpose for which it was acquired. Federal funds may also be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.

²Federal funds may be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.

³Two right of way easements for county roads and state highways. Two easements for utilities across the area (one for Tri-County and one for Ameren).

⁴Easement for county road (Montgomery Woods Trail) that runs along most of the southeastern border of the area.

⁵Endangered species are known from this area. Area managers should consult the Natural Heritage Database annually and review all management activities with the natural history biologist.

⁶Establishing accurate and identifiable boundary markers is a priority for this property.

MANAGEMENT CONSIDERATIONS

V. <u>Terrestrial Resource Management Considerations</u>

Sugar Creek CA

Challenges and Opportunities:

- 1) Manage the oak-hickory complex for a high quality natural community.
- 2) Control of invasive species is a high priority.
- 3) Provide high quality outdoor recreational opportunities for a wide range of stakeholders.

Management Objective 1: On appropriate sites, manage forest and woodland communities to provide healthy and diverse habitats for forest/woodland-dependent wildlife by completing area inventory of all forest compartments by FY2024.

Strategy 1: Inventory Compartment #1 in FY2023. (Forestry)

Strategy 2: Inventory Compartment #3 in FY2018. (Forestry)

Strategy 3: Inventory Compartment #2 in FY2030. (Forestry)

Management Objective 2: Utilize a variety of sustainable forest management techniques to maintain a healthy forest community.

Strategy 1: Implement management prescriptions from the forest management plans within five years of each inventory completion. (Forestry)

Strategy 2: Follow the appropriate best management practices when conducting forestry operations, per the *Missouri Forest Management Guidelines: Voluntary Recommendations for Well-Managed Forests* (Missouri Department of Conservation, 2014). (Forestry)

Strategy 3: Follow the appropriate practices per the Watershed and Stream Management Guidelines for Lands and Waters Managed by the Missouri Department of Conservation (Missouri Department of Conservation, 2009) and the Missouri Watershed Protection Practice Recommended Practices for Missouri Forests: 2014 Management Guidelines for Maintaining Forested Watersheds to Protect Streams (Missouri Department of Conservation, 2014). (Forestry)

Strategy 1: Monitor annually for invasive species. (Forestry)

Strategy 2: Reduce invasive species using appropriate techniques, including, but not limited to, chemical applications and mechanical thinning. (Forestry)

Management Objective 4: Provide small grain and green browse food plots to enhance habitat for a variety of wildlife.

Strategy 1: Maintain approximately 160 acres of small grain crops or idle ground through Department planted food plots. (Wildlife)

Strategy 2: Establish food plots with a variety of crops (e.g., grain, forage, and green browse). Seek to provide food for wildlife throughout the seasons. (Forestry, Wildlife)

Strategy 3: Manage food plots according to sound soil conservation principles. (Forestry, Wildlife)

Strategy 4: Regularly rotate crop fields into an idle state to provide nesting and brood rearing habitat for upland birds. (Forestry, Wildlife)

Montgomery Woods CA

Challenges and Opportunities:

- 1) Manage the oak-hickory complex for a high quality natural community.
- 2) Control of invasive species is a high priority.
- 3) Provide high quality outdoor recreational opportunities for a wide range of stakeholders.

Management Objective 1: On appropriate sites, manage forest and woodland communities to provide healthy and diverse habitats for forest/woodland-dependent wildlife.

Strategy 1: Inventory Compartment #1 in FY2018. (Forestry)

Management Objective 2: Utilize a variety of sustainable forest management techniques to implement forest management prescriptions to maintain a healthy forest community.

Strategy 1: Develop and implement the management prescriptions formulated from the forest inventory. (Forestry)

Strategy 2: Follow the appropriate best management practices when conducting forestry operations, per the *Missouri Forest Management Guidelines: Voluntary Recommendations for Well-Managed Forests* (Missouri Department of Conservation, 2014). (Forestry)

Strategy 3: Follow the appropriate practices per the *Watershed and Stream Management Guidelines for Lands and Waters Managed by the Missouri Department of Conservation* (Missouri Department of Conservation, 2009) and

the Missouri Watershed Protection Practice Recommended Practices for Missouri Forests: 2014 Management Guidelines for Maintaining Forested Watersheds to Protect Streams (Missouri Department of Conservation, 2014). (Forestry)

Management Objective 3: Actively reduce invasive species.

Strategy 1: Monitor annually for invasive species. (Forestry)

Strategy 2: Reduce invasive species using appropriate techniques, including, but not limited to, chemical applications and mechanical thinning. (Forestry)

VI. Aquatic Resource Management Considerations

Sugar Creek CA

Challenges and Opportunities:

- 1) There are 11.2 miles of first- and second-order stream channels on Sugar Creek CA, including second-order Elm Creek. Third-order Sugar Creek flows approximately 1.2 miles through the conservation area. Excluding a few small localized areas, the riparian corridors are completely forested for all streams throughout their entire lengths on the conservation area.
- 2) Sugar Creek CA has two ponds (1.5 acres total) that are managed for fishing. They provide recreational fishing opportunities for bluegill and largemouth bass. Seven fishless ponds and ponds with unmanaged fisheries provide suitable habitat for amphibians and reptiles.

Management Objective 1: Maintain the streams on the area.

Strategy 1: Follow the guidelines of the *Watershed and Stream Management Guidelines for Lands and Waters Managed by Missouri Department of Conservation* (Missouri Department of Conservation, 2009). (Fisheries)

Strategy 2: Any field road stream crossings or riparian corridors not meeting these standards will be addressed by FY2022. (Fisheries)

Strategy 3: Replace undersized culvert at the shooting range stream crossing and stabilize stream banks to reduce downstream bank erosion and protect the shooting range infrastructure by FY2022. (Design and Development)

Management Objective 2: Monitor and manage ponds to provide sustainable and diverse fishing opportunities

Strategy 1: Control excessive aquatic macrophytes chemically or biologically to promote efficient foraging by largemouth bass. (Fisheries)

Strategy 2: Periodically inventory fish populations in Ponds 1 and 2 to assess health and recommend needed regulation changes. (Fisheries)

Strategy 3: Maintain self-sustaining largemouth bass and bluegill fisheries in Ponds 1 and 2. (Fisheries)

Strategy 4: Monitor for occurrences of invasive species. (Fisheries, Forestry)

Strategy 5: Mow, as needed, to provide accessibility for bank fishing. (Forestry)

Management Objective 3: Monitor and manage fishless ponds and ponds with unmanaged fisheries to provide suitable and diverse habitat for amphibians and reptiles.

Strategy 1: Maintain current conditions in fishless ponds, and do not stock ponds with fish. (Fisheries)

Strategy 2: Explore the feasibility of chemically removing fish from ponds designated as fishless, and, if feasible, chemically remove fish by FY2022. (Fisheries)

Montgomery Woods CA

Challenges and Opportunities:

1) There are 1.4 miles of first-order stream channels on Montgomery Woods CA. Third-order Little Mussel Creek flows approximately 1.1 miles along the western boundary of the conservation area. The riparian corridors are completely forested for all streams throughout their entire lengths on the conservation area.

Management Objective 1: Maintain the streams on the area.

Strategy 1: All management activities on the area will follow the guidelines in the *Watershed and Stream Management Guidelines for Lands and Waters Managed by the Missouri Department of Conservation* (Missouri Department of Conservation, 2009). (Fisheries)

VII. Public Use Management Considerations

Sugar Creek CA

Challenges and Opportunities:

- 1) Provide a wide range of outdoor recreational opportunities for the public.
- 2) Maintain 10 miles of multi-use trail, 2 miles of hiking trail, and the rifle and shotgun ranges.

Management Objective 1: Maintain the current facilities to a standard that invites public use and keeps area users informed of regulations.

Strategy 1: Maintain current levels of area maintenance. Keep field roads mowed and coordinate with Wildlife Division area maintenance staff to keep parking lots clean and mowed. (Forestry, Wildlife)

Strategy 2: Maintain the multi-use trail (hiking, biking, and horseback riding) and hiking trail following the appropriate best management practices, outlined in

the Missouri Watershed Protection Practice Recommended Practices for Missouri Forests: 2014 Management Guidelines for Maintaining Forested Watersheds to Protect Streams (Missouri Department of Conservation, 2014) and the appropriate standards per the Watershed and Stream Management Guidelines for Lands and Waters Managed by Missouri Department of Conservation (Missouri Department of Conservation, 2009). (Forestry, Wildlife)

Strategy 3: Maintain the rifle and shotgun ranges according the 2013 Shooting Range Facility Program Manual. (Forestry, Wildlife)

Strategy 4: Develop a Standard Operating Procedures manual for the shooting range. (Forestry, Wildlife)

Strategy 5: Develop an Environmental Stewardship Plan for the shooting range. (Forestry)

Management Objective 2: Provide improved pond-fishing access for the public on all areas.

Strategy 1: Ensure field trails leading to the fishing pond dams are mowed according to area maintenance standards. (Forestry)

Montgomery Woods CA

Challenges and Opportunities:

1) Provide a wide range of outdoor recreational opportunities for the public on Montgomery Woods CA.

Management Objective 1: Maintain the current facilities to a standard that invites public use and keeps area users informed of regulations.

Strategy 1: Maintain current levels of area maintenance. Keep field roads mowed and coordinate with Wildlife Division area maintenance staff to keep parking lots clean and mowed. (Forestry, Wildlife)

VIII. **Administrative Considerations**

Challenges and Opportunities:

- 1) Maintain the current facilities to provide a wide range of outdoor recreational opportunities for stakeholders to participate.
- 2) Consider land acquisition, when available.

Management Objective 1: Maintain clearly identified property lines.

Strategy 1: Inspect and maintain boundaries on a regular cycle. (Forestry)

Strategy 2: Resolve boundary issues with adjoining landowners as they arise. (Forestry)

Strategy 3: Determine and clearly mark all area boundaries. (Forestry)

Strategy 4: Ensure this area remains on the survey list until completed. (Forestry)

Management Objective 2: Cooperatively patrol the area and report unauthorized activities.

Strategy 1: Regularly patrol and enforce the wildlife code, with emphasis on off-trail abuse, vandalism, littering and response to public complaints. (Protection, Forestry)

Management Objective 3: Inform public about area regulations.

Strategy 1: Maintain signs according to Department policy. (Forestry)

Strategy 2: Maintain accurate and timely information on the Department's Atlas Database. Review information annually. (Forestry)

Lands Proposed for Acquisition:

When available, inholdings and/or adjacent land may be considered for acquisition from willing sellers. Tracts that improve area access, provide public use opportunities, contain unique natural communities and/or species of conservation concern, or meet other Department priorities, as identified in the annual Department land acquisition priorities, may be considered.

MANAGEMENT TIMETABLE

Strategies are considered ongoing unless listed in the following table:

	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27
				Sugar (Creek C	A				
Terrestrial l	Resource	es Manag	gement							
Objective 1										
Strategy 1		X								
Strategy 2				X						
Strategy 3								X		
Objective 2										
Strategy 1			X	X	X	X	X	X	X	X
Aquatic Res	ources N	Managem	ent							
Objective 1										
Strategy 1					X					
Strategy 2					X					
Objective 3										
Strategy 2					X					
Public Use N	Manager	nent								
Objective 1										
Strategy 4	X									
Strategy 5	X									
			Mo	ntgomei	y Wood	ls CA				
Terrestrial l	Resource	es Manag	gement							
Objective 1										
Strategy 1	X									
Objective 2										
Strategy 1		X	X	X	X	X				

APPENDICES

Public Input Summary:

The draft Sugar Creek & Montgomery Woods Conservation Areas Management Plan was available for a public comment period August 1–31, 2016. The Missouri Department of Conservation received comments from six respondents (Appendix A). The Sugar Creek & Montgomery Woods Conservation Areas Planning Team carefully reviewed and considered these ideas as they finalized this document. A brief summary of public input themes, including how they were incorporated or why they were not, can be found below. Rather than respond to each individual comment, comments are grouped into general themes and are addressed collectively.

<u>Department responses to themes and issues identified through the Sugar Creek & Montgomery Woods Conservation Areas Management Plan public comment period.</u>

Concerned about invasive olive plants on area. Supports invasive species removal. Suggests washing mowing and farming equipment before moving to other areas.

Invasive species control is an ongoing priority on all of our conservation areas. Efforts to control and eradicate autumn olive and other invasive species on the area have been occurring for years. Methods used to treat it include herbicide applications, prescribed fire, and mechanical methods such as brush hogging. Much of this work has been accomplished by Department staff. Department staff will continue to treat autumn olive and other invasive species in the future and work will also continue to be contracted out. Achieving total control of any invasive generally takes repeated treatments over multiple years. Total eradication of many invasive species may never occur as untreated populations of the species on adjacent private lands act as a continuing seed source.

Suggests not allowing antlerless deer permits at Montgomery Woods CA.

We try to maximize hunting opportunities throughout the region. Hunting pressure on Montgomery Woods CA is minimal.

Suggests improving trail signage. Suggests adding temporary signs about timing of hunting seasons.

Currently Sugar Creek CA has approximately 10 miles of multi-use trail and 2 miles of hiking trail. The multi-use trail contains three different colored loops that may be accessed from several points around the area. As indicated on the printed area brochure and the online area brochure, both show a map with the Yellow Loop at 5.1 miles long, the Blue Loop at 3.0 miles, and the Orange Loop at 2.2 miles long. Each of these loops is marked with a 4" x 4" post that is painted the appropriate color indicating the loop. These posts are located at each intersection or access junction. Each of these posts also contains an arrow pointing the direction of the trail. The trail is approximately 10 feet wide throughout and is mowed several times per year. Currently the multi-

use trail is closed during all firearms deer seasons and spring turkey season. It would be difficult to post every hunting season we have in Missouri. There are various seasons open nearly all year. The season dates can change from year to year. If an area user has questions about what hunting seasons are currently open that may affect the use of the trail, they are welcome to call the Northeast Regional Office (660-785-2420) or check online to get more detailed information.

Appreciates 10 miles of multi-use trail on Sugar Creek CA. Suggests adding 2 more miles of multi-use trail to Sugar Creek CA.

Currently horseback riding is allowed for most of the year on approximately 10 miles of multi-use trail. Additional trail infrastructure would require additional staff time to create and maintain. The area provides adequate opportunity for hiking, biking, and horseback riding. The creation and maintenance of more multi-use trails on this area would divert limited staff time from management activities.

Concerned about area users trespassing on to neighboring property. Suggests adding signage and fencing to discourage trespassers.

As mentioned in Public Use Management Considerations, Objective 3, Strategy 3, signage and boundary markings that designate the area boundaries will be revisited at least once every five years. The boundary was last marked in winter/early spring of 2012, and we plan on re-marking them in the winter of 2018/2019.

Supports area plan and appreciates area management.

Thank you.

References:

Missouri Department of Conservation. (1989). Sugar Creek State Forest area plan.

- Missouri Department of Conservation. (1995). Montgomery Woods Conservation Area limited area plan.
- Missouri Department of Conservation. (2009). Watershed and stream management guidelines for lands and waters managed by Missouri Department of Conservation. Jefferson City, MO: Missouri Department of Conservation.

Missouri Department of Conservation. (2013). Shooting range facility program manual.

Missouri Department of Conservation. (2014). Missouri watershed protection practice recommended practices for Missouri forests: 2014 management guidelines for maintaining forested watersheds to protect streams. Jefferson City, MO: Missouri Department of Conservation.

Missouri Department of Conservation. (2014). *Missouri forest management guidelines:* Voluntary recommendations for well-managed forests. Jefferson City, MO: Missouri Department of Conservation.

Appendices:

Appendix 1. Montgomery Woods CA/ Sugar Creek Location Map

Appendix 2. Sugar Creek CA Background

Appendix 3. Sugar Creek CA Area Map

Appendix 4. Sugar Creek CA Land Type/Easement Map

Appendix 5. Sugar Creek CA Compartment Map

Appendix 6. Montgomery Woods CA Background

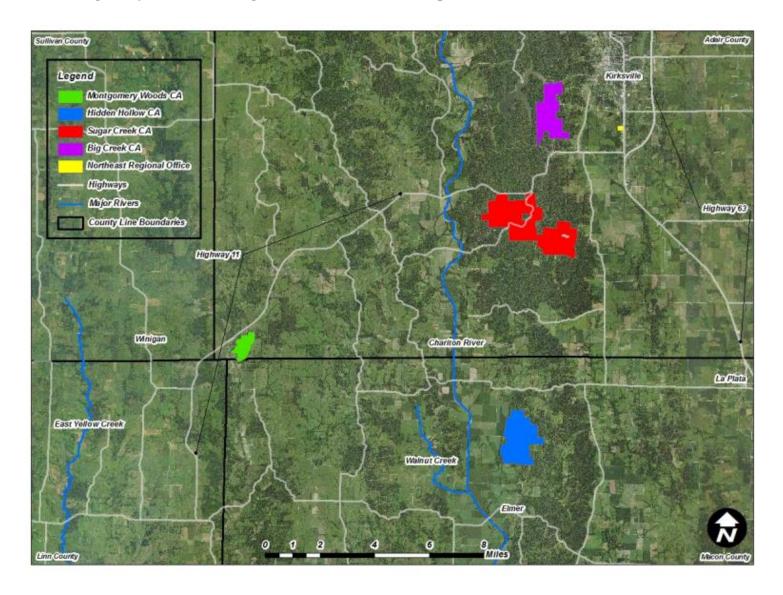
Appendix 7. Montgomery Woods CA Area Map

Appendix 8. Montgomery Woods Land Type/Easement Map

Appendix 9. Montgomery Woods CA Compartment Map

Appendix A. Sugar Creek & Montgomery Woods Conservation Areas Management Plan Public Comments

Appendix 1. Montgomery Woods CA/ Sugar Creek CA Location Map



Appendix 2. Sugar Creek CA Background

Sugar Creek Conservation Area is located in Adair County, 4 miles southwest of Kirksville. The Missouri Department of Conservation acquired the original 72 acres of this area as a forest fire lookout tower site, but the tower was never built. Known then as "Kirksville Woods," this small area was combined with a 2,536-acre tract, purchased in 1974, to create Sugar Creek Conservation Area.

The area is primarily forested with a few open fields on ridges and along Sugar Creek. Both Sugar Creek and Elm Creek run through the area.

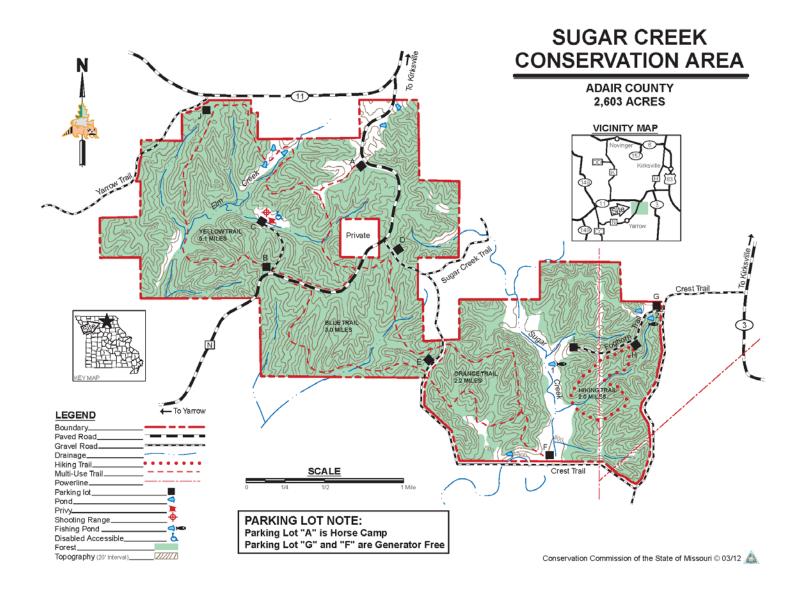
Around the early 1900s, thousands of acres of the region's forests, including this area, were cleared to meet the great demand for mine props and timbers for the coal mining industry in northeast Missouri. Subsequent tree sprouting was contained by grazing goats, and part of the area was known as the "goat ranch." Most of the area was allowed to revert to trees, which accounts for the large continuous stand of similar-age trees.

Wildlife management practices include crop fields to serve as food sources for wildlife. Forest management practices include pre-commercial and/or commercial harvest and forest thinning, all of which provide improved wildlife habitat. White-tailed deer and wild turkey are abundant on the area, as are numerous songbirds and a variety of mammals.

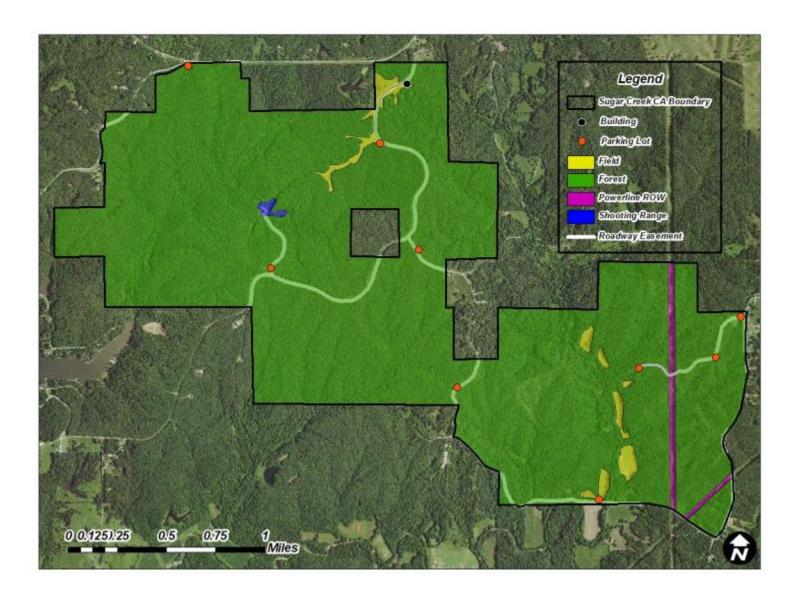
Current Land and Water Types:

Land/Water Type	Acres	Miles	% of Area
Upland Forest	2,439		79
Old Fields/Upland Fields	164		20
Roads/Administrative	1		1
Total	2,603		100
Stream Frontage		12.4	

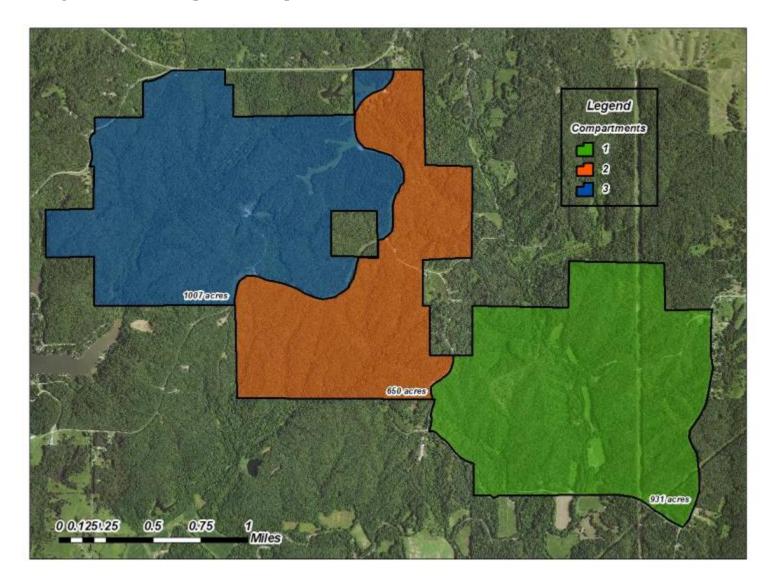
Appendix 3. Sugar Creek CA Map



Appendix 4. Sugar Creek CA Land Type/Easement Map



Appendix 5. Sugar Creek CA Compartment Map



Appendix 6. Montgomery Woods CA Background

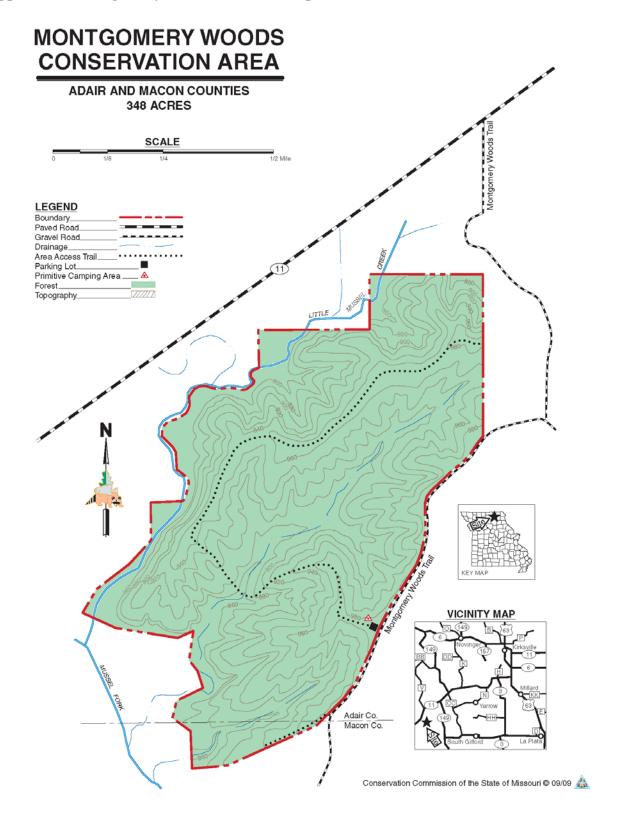
Montgomery Woods Conservation Area is located in the southwest part of Adair County and a small portion of Macon County. It was acquired in 1978 from the Montgomery heirs with monies from the general revenue fund. This area was originally inventoried in 1981, and again in 1991 and 2003. This area consists mainly of oak-hickory forest, located on steep hills and ridge tops, with scattered patches of bottomland forest, located along Little Mussel Creek. This 348-acre area is surrounded by pasture and crop land. This tract provides a refuge for forest wildlife species. Little Mussel Creek is the only water on the tract.

Forest management practices include pre-commercial and/or commercial harvest and forest thinning, all of which provide improved wildlife habitat. White-tailed deer and wild turkey are abundant on the area, as are numerous songbirds and a variety of mammals.

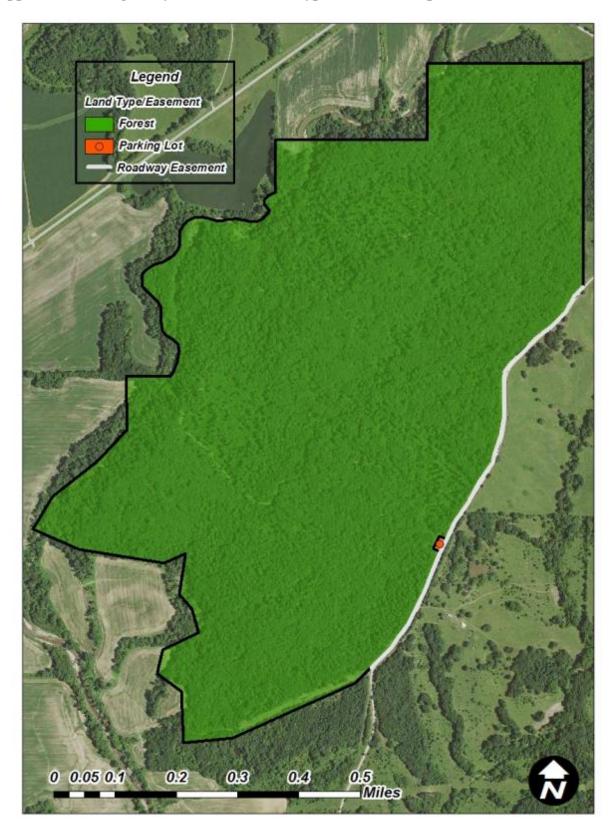
Current Land and Water Types:

Land/Water Type	Acres	Miles	% of Area
Upland Forest	348		100
Stream Frontage		1.3	

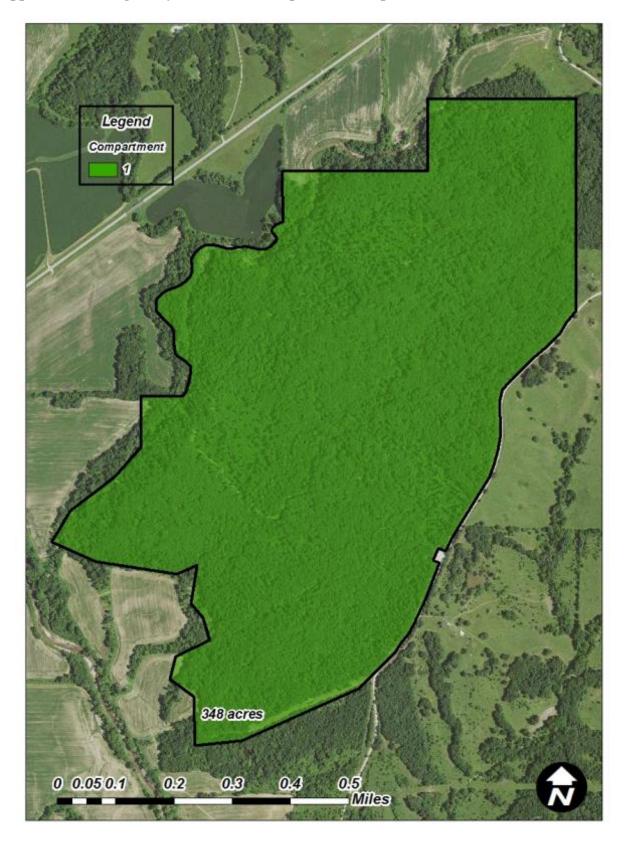
Appendix 7. Montgomery Woods CA Area Map



Appendix 8. Montgomery Woods CA Land Type/Easement Map



Appendix 9. Montgomery Woods CA Compartment Map



Appendix A. Sugar Creek & Montgomery Woods Conservation Areas Management Plan Public Comments

Received during public comment period (August 1-31, 2016):

Some of the MDC lands are incredible with native species diversity while others are dominated by non-native species. The number one Managament need is the control or reduction of non-native species. It is imperative that mowers and farmers wash their equipment before moving into a new area. There must be an active role in the control of exotic species. If there is not more of an active role then the remaining pristine sites will subcumb to exotic species and degrade ecological integrity.

Respectfully,

My property borders Montgomery Woods on the North end on the east side... Trespassing has been an issue ever since I have owned my place. I would like to see a little clearer markings on that end, as you did on the south end when similar issues arose. I have moved back to the area and should be around more. A little more signage and fencing would help. I would also like to see some restrictions on the doe killing. There have been as many as 15 people in there gun season opening blasting away. Lots of does and button bucks killed. With deer numbers as they are, a little restriction would be prudent.

The Management Plans for both Sugar Creek CA and Montgomery Woods CA are concise, specific, and outline an organized approach to the management of natural resources and areas users. I have been on Sugar Creek a few times and have found it managed to meet the needs of many area users. Please continue with your management as stated. Thank you for the ability to provide comments.

MDC does a great job.....other states wildlife/conservation Dept. can not even hang with you !!!!

Olive trees are really taken overjust a consideration. After many trees are cut for management the sprouts come and the area is solid underbrush.

I'm glad for the CAs and think they are a great resource to locals and tourists/hunters alike. I don't hunt but some of us local ladies like to walk the CA trails. Suggestions to make them easier to use for hikers and bikers: Need much better signage at trail heads - very hard to find some of them! Need much better trail markings and informational signs for those that are not familiar with the area - easy to get very lost. For example at each fork where is it going? Which parking lot or whatever. Or post the trail names consistently and put the names on maps so we can figure out how long each trail is. Post temp signs at each location where you can get on the trails with more info including what hunting season it is. I don't follow exactly when certain hunting seasons are and do not want to blunder around in the woods during deer or turkey seasons. Anyway for hikers and out of town users your signage needs to be improved drastically to allow more use and enjoyment of the areas. Thanks

Thank you for the opportunity to comment on the Sugar Creek Conservation Area Draft Management Plan. Show Me Missouri Back Country Horsemen commends MDC for

accommodating horseback riding on the multi-use trails on the area.

While greatly appreciated, the 10 miles of trails on Sugar Creek CA barely meet the minimum mileage needed to provide a quality outdoor experience while minimizing the likelihood of overuse and resource damage. In the 2015 proposal by SMMBCH, "Expanding Public Land Multi-Use Trails in Missouri," we recommend that at least two miles of additional trails be added to the multi-use network on Sugar Creek CA. For consideration a suggestion would be a new trail east of Route N that would follow the general contour and connect parking lot A with the Blue Trail just southwest of parking lot D. SMMBCH would offer, subject to available resources, to assist to layout and construct the new trails and to work with the Area Manager to organize a local group of trail users to maintain and improve the trail system.

Thank you again for the opportunity to comment.