

### Gwinn Forest Management Unit Compartment Review Presentation Compartment #022 Entry Year: 2012

Compartment Acreage: 2,297 County: Marquette

**Revision Date:** July 15, 2010

Stand Examiner: Kevin LaBumbard

**Legal Description:** T44N R25W Section(s) 3,4,9,10,15,16

**Identified Planning Goals ('Management Area' or 'RMU', if applicable):** Cyr Swamp MA, Sawmill Creek BSA Complex.

Management Goals: To maintain forest health, diversity and sustainability while considering wildlife, fisheries, recreational and environmental needs and concerns. Most of this compartment is part of Cyr Swamp, an extensive wetland complex of bog or lowland conifers with numerous small to medium sizes upland sand islands of black spruce, jack pine and red pine. A significant portion of the compartment burned in 1986 with the islands regenerated to dense jack pine saplings. The remainder (northwestern) portion of the compartment borders the Escanaba River. As a result, almost the entire compartment is considered a special conservation area. It is proposed to be included in the Sawmill Creek BSA complex. No treatments are scheduled this period.

**Soil and Topography:** Except for the Escanaba River corridor which is rolling to moderately steep, the terrain is mostly flat swampland with small upland sandy "islands" forested with jack pine and black spruce. Soils consist primarily of Carbondale and Tawas mucks with Rubicon and Kalkaska sands on the uplands.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment adjoins private land to the north and southwest (camps along the Escanaba River), with State land to the east and south.

Unique, Natural Features: Most of the compartment is made of the western edge of Cyr Swamp and falls within the proposed Sawmill Creek BSA Complex. MNFI suggests potential for northern goshawk, red-shouldered hawk, spruce grouse, and black-backed woodpecker. Potential for eagle, osprey, and great blue heron rookery. Potential for northern harrier, American bittern, and yellow rail. Potential for moose and wolf. Potential for frigga fritillary, freija fritillary, and red-disked alpine in bogs. Potential for wood turtle. Potential for auricled tway-blade, veiny meadow rue, western dock, Farwell's water-milfoil, alternate-leaved water-milfoil, and linear-leaved gentian along riparian areas. Potential for calypso orchid, rayless mountain ragwort, and ram's head lady's-slipper in conifer swamps.

Archeological, Historical, and Cultural Features: None identified with HAL

**Special Management Designations or Considerations:** Most of the stands in the compartment are designated as Special Conservation Area's with the exception of stand numbers 1,5,8,10,12,13,14,15,18,23,24,27,30,40-42. Stands 104-110 are small ponds.

Watershed and Fisheries Considerations: Escanaba River.

Wildlife Habitat Considerations: Cyr Swamp Management Area and proposed Biological Stewardship Area (Cyr Swamp BSA). For all SCA, biodiversity maintenance stands-maintain as movement corridors for wildlife species and the protection of riparian areas. Promote biological legacies such as old forest characteristics in the form of snags, coarse woody debris, and intact nutrient cycles. Mimic natural disturbance regimes and frequency on upland stands. Maintain or increase biodiversity in northern hardwood stands through retention of associate species. In stands scheduled to treat this entry period, maintain conifer cover in transitional zones and retain large white pine, red pine, and spruce.

**Mineral Resource and Development Concerns and/or Restrictions:** Sections 3, 4, 9,10,15,16,21 & 22, T44N-R25W, Marquette Co.

Surface sediments consist of peat and muck. The glacial drift is up to 200 feet in thickness. The Cambrian Trempealeau and Munising Formations subcrop below the glacial drift. There is not a current economic use for these formations. There are no gravel pits in the area, and potential appears to be limited. Abandoned iron mines are located two miles to the north, but this compartment has never been leased. There is no economic oil and gas production in the UP

**Vehicle Access:** Vehicle access is limited to the extreme western part of the compartment via the Iron Pin Road.

**Survey Needs:** None at this time.

**Recreational Facilities and Opportunities:** Canoeing and fishing on the Escanaba River are very popular. Fair to good deer and small game hunting for those willing to walk.

**Fire Protection:** Extremely difficult area to access if a wildfire starts. Most of the compartment burned in the 1986 Rice Lake fire and was very beneficial with essentially no resource damage. Suppression tactics should be minimized in this sensitive area.

### **Additional Compartment Information:**

- ➤ The following reports from the Inventory are attached:
  - **♦** Total Acres by Cover Type and Age Class
  - **♦** Proposed Treatment Summary
  - **♦** Proposed Treatments No Limiting Factors
  - **♦** Proposed Treatments With Limiting Factors
  - **♦** Stand Details (Forested and Nonforested)
  - **♦** Dedicated and Proposed Special Conservation Areas
- > The following information is displayed, where pertinent, on the attached compartment maps:
  - ♦ Base feature information, stand boundaries, cover types, and numbers
  - **♦** Proposed treatments
  - **♦** Details on the road access system

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# Michigan Department of Natural Resources - Operations Inventory System Individual Compartment Report

ESCANABA RIVER STATE FOREST GWINN FOREST MGT UNIT MARQUETTE COUNTY COMPARTMENT: 22

Table 3

(acres shown in boxes) STAND AGE CLASS

								7											
COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100- 109	110- 119	120- 129	130- 139	140- 149	150- 159	All Aged	Total
Aspen			36	103	75				9										223
Black Spruce									12		55	82							149
Bog or Marsh	1401																		1401
Cedar														2		11	42		55
Grass	45		4																49
Jack Pine				115					27		11	18	25						196
Lowlnd Brush	54																		54
Mx Swmp Cnfr										18	85	26							129
Paper Birch												5							5
Spruce Fir											8								8
Upland Hdwds									21										21
Water	7																		7
Total	1507		40	218	75				69	18	159	131	25	2		11	42		2297

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# Michigan Department of Natural Resources - Operations Inventory System Individual Compartment Report

ESCANABA RIVER STATE FOREST

**GWINN FOREST MGT UNIT** 

MARQUETTE COUNTY

COMPARTMENT: 22

Table 3A

(acres shown in boxes)

#### MANAGEMENT OBJECTIVE TYPE

COVER TYPE	Α	S	V	С	G	Н	J	1	L	Р	N	Q	Х	0	В	R	K	Υ	F	Е	Т	D	U	М	Z	W	Total
A Aspen	223																										223
S Black Spruce		149																									149
V Bog or Marsh			1401																								1401
C Cedar				55																							55
G Grass					49	)																					49
J Jack Pine							196																				196
L Lowlnd Brush									54	ļ																	54
Q Mx Swmp Cnfr												129															129
B Paper Birch															5												5
F Spruce Fir																			8	3							8
M Upland Hdwds																								21			21
Z Water																									7		7
Total	223	149	1401	55	49	9	196	6	54			129			5				8	3				21	7		2297

# Michigan Department of Natural Resources - Operations Inventory System Individual Compartment Report

TABLE 10: Page 1 of 1

**ESCANABA RIVER STATE FOREST** 

**GWINN FOREST MGT UNIT** 

MARQUETTE COUNTY

COMPARTMENT: 22

#### Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

#### COMPARTMENT SUMMARY

TOTAL VOLUME CUT VOLUME
Hardwood 1206 Cds Softwood 1204 Cds
Softwood 4102 Cds Softwood 33 Mb
Softwood 92 Mbf Sum CutVol 1270 Cds
Sum TotVol 5492 Cds
Total Cmpt Acres
2297
Acres Meeting Silv Criteri
Acres Not Meeting Silv C

Acres Unable to Determine Silv Criteria For.....

Proposed Treatments With Limiting Factors

Compartment:

Entry Year:

Cover Mgt Obj Method FDF Site Harvest Cultural Cut Stand Type Condition Priority Need Status Acres Age Index

TREATMENT LIMITING FACTORS:

Total Acres...... #Error

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	GWII	NN FOR	RESTI	MGT U	NIT	-	Treatments iting Factors	Compa	ertment: 22	Entry Year: 2012
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
13	S6	29	96	38	BLACK SPRUCE- SWAMP	OLD GROWTH (POTENTIAL OR ACTUAL)	FINAL HARVEST	3		
comnts Fmo	tow burn stan with	er blind. n after had d 12 on t n brush. T	Final h rvest. If he west To facili	arvest withis can There we tate the I	ith reserves, retaining it be accomplished would be 3 small swar burn or scarification.	ng the white and r then anchor chair vamp crossings re- tion work summe	red pine and cedar. In scarification would quired. The stands s In crossings for equip	The prefer d be the ne hould be coment cou	ext best alternative. Act in the winter with ld be done with mats	ethod would be by Rx Access is through in the crossings filled is or fabric and gravel.
Wld	once	e approve	d for ma	anageme	nt of this area. Goa	als should be to in			Recommend following and/or allowing and/or allowing and/or allowing and/or allowing areas are allowed as a second control of the control of t	
14	J6	18	98	42	JACK PINE	OLD GROWTH (POTENTIAL OR ACTUAL)	FINAL HARVEST	3	NATURAL REGENERATION	
comnts Fmo	spru ceda scar requ	ice on the ar. The prification ired. The	e frindge referred would b e stands	es. Largo regener be the ne should b	e illegal tower deer ation method would xt best alternative.	blind in this stand d be by Rx burn a Access is through with the crossings	d. Final harvest with fter harvest. If this constand 12 on the we s filled with brush.	h reserves can't be ac est. There	ack pine on ridges, go retaining the white complished then and would be 3 small sweet the Rx burn or sca	and red pine and chor chain amp crossings
Wlo	once	e approve	d for m	anageme	nt of this area. Goa	als should be to in			Recommend following and/or allowing allowing and/or allowing a	
18	J6	27	68	60	JACK PINE	OLD GROWTH (POTENTIAL OR ACTUAL)	FINAL HARVEST	3	NATURAL REGENERATION	

comnts Fmd: SCA proposed BSA, Cyr Swamp. Good quality jack pine and black spruce island with dense J3 on the eastern tip where the stand regenerated from the Rice Lake fire of 1986. Final harvest with reserves, retaining the white and red pine and cedar. The preferred regeneration method would be by Rx burn after harvest. If this can't be accomplished then anchor chain scarification would be the next best alternative. Access is through stand 12 on the west. There would be 3 small swamp crossings required. The stands should be cut in the winter with the crossings filled with brush. To facilitate the Rx burn or scarification work summer crossings for equipment could be done with mats or fabric and gravel.

Wld: Special Conservation Area (SCA)-Proposed Biological Stewardship Area (BSA)-Cyr Swamp. Recommend following BSA Guidelines once approved for management of this area. Goals should be to improve this stand by closely mimicing and/or allowing natural disturbances to occur with the objectives of moving toward desired future conditions.

Total Acres...... 74

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		GWIN	IN F	ORE	ST N	IGT (	JNIT	Sta	nd Level Inf	ormation	n Comp	partment: 22	Entry \	/ear: 2012
S t	Cover Type-	Under Story-	A C		avg.					er descripti	t Packets Glos ions and code	ssary of Terms" do	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	А3	F 1	31	14	3	0	50	aspen (upland)	immature	N		20-29 years	0	
com	nts Fmd			AL PI			CUT UN	NDER PERMIT NU	JMBER 7-92-1	2010- 2-4	" aspen saplin	gs with fir and a f	ew scattere	d residual
2	Q 4	Q 1	2	96	5	30	20	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
		Treatme Po					d growth	1						
com	nts Fmd				·		Ū	stunted cedar surro	unded by Cyr S	wamp mus	skeg.			
	Wld	once	appı	roved f	or ma	nagen	ent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely 1			
3	L O	L 0	25			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
com	nts Fmd	l: SCA	A pro	posed	BSA.	Cyr S	wamp.							
		: Spec	ial C	onserv	ation or ma	Area (	(SCA)-Inent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely 1			
4	L 0	L 0	3			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
com	nts Fmd	l: SCA	A pro	posed	BSA.	, Cyr S	wamp.							
		: Spec	ial C	onserv roved f	ation for ma	Area (	(SCA)-Inent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely 1			
5	A 4	A 3	99	26	5	20	58	aspen (upland)	immature	N	ions.	20-29 years	0	
com	nts Fmd	l: 4-6"	_	meter 1	1-2 sti	ck asp	en pole	s over fully stocked	l aspen saplings	and scatte	red F1. Stand	is transitioning to	o a fully sto	ocked pole
6	C 6	Q 2	42	187	9	150	26	cedar	old growth (potential or actual)	Y		not scheduled	0	
		Treatme Po					d growth	1						
com	nts Fmd	: SCA	Ret	ain the	stanc	l as a s	pecial c	conservation area to	protect the ripa	ırian value	s along the Es	canaba River.		
	Wld	once	appı	roved f	or ma	nagen	nent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely i			
7	В 6	X 0	5	100	8	150	58	paper birch	old growth (potential or actual)	Y		not scheduled	0	
		<u>Treatme</u>							,					
com	nts Fmd	: SCA	For		desig		d growth s poten	i tial old growth, ret	ain this stand as	a special	conservation a	area to protect the	riparian va	lues along the
	Wld	: Spec	ial C	Conserv roved f	ation for ma	nagen	ent of t	Proposed Biologica his area. Goals sho	ould be to impro	ve this sta	nd by closely i			

disturbances to occur with the objectives of moving toward desired future conditions.

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		GWIN	IN F	ORE	ST N	IGT (	JNIT	Sta	nd Level Info	ormatio	n Comp	partment: 22	Entry \	/ear: 2012
S t		Under	A c		avg.						nt Packets Glos tions and code	ssary of Terms" d definitions.	ocument lin	k on web site
a n d	Type- Size Dnsty	Story- Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
9	Q 5	L 0	36	96	5	40	20	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	i 0	
		Treatme					l growth	1						
com	nts Fmd				·		Ü	Poor quality stunte	ed cedar.					
	Wld	once	appi	roved	for ma	nagen	ent of t	Proposed Biological his area. Goals sho ctives of moving to	ould be to impro	ve this sta	and by closely a			
10	A 5	A 3	61	33	6	40	70	aspen (upland)	immature	N		20-29 years	0	
com	nte Emd	• Full	v sto	cked a	enen	trancit	ioning t	to a pole stand. Occ	casional white s	nruce and	soft manle A	5 A 3 F 2		
			-								soft maple. A.			
11	Q 6	L 0	5	78	10	70	46	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	i 0	
		Treatme					المعمينطام							
com	nts Fmd				Ū		l growth wamp.	l						
			-	-		-	-	Proposed Biological	l Stewardship A	rea (BSA)	)-Cyr Swamp.	Recommend foll	owing BSA	Guidelines
								his area. Goals sho				mimicing and/or	allowing na	tural
12	A 3	F 1	5	17	2	0	63	aspen (upland)	immature	N		30-39 years	0	
com	ınts Fmd	: Cut	unde	er cont	ract #	8-92-0	01. 2"-4	" Fully stocked asp	en saplings.					
13	S 6	S 2	29	96	8	70	38 b	lack spruce-swamp	old growth (potential or actual)	Y	final harvest	within 0-9 year	rs 3	
com	nts Fmd	towe burn stan	er bli afte d 12	nd. Fi r harve on the	inal ha est. If west.	arvest v this ca There	with res n't be a would	2010- SCA proposerves, retaining the ccomplished then a be 3 small swamp on or scarification w	white and red p anchor chain sca crossings require	ine and corification ed. The sta	edar. The prefe would be the n ands should be	erred regeneration ext best alternation cut in the winter	n method we. Access with the cr	ould be by Rx is through ossings filled
	Wld	once	appi	roved	for ma	nagen	ent of t	Proposed Biological his area. Goals sho ctives of moving to	ould be to impro	ve this sta	and by closely a			
14	J 6	S 2	18	98	8	90	42	jack pine	old growth (potential or actual)	Y	final harvest	within 0-9 year	s 3 nat	ural regeneration
com	nnts Fmd	spru ceda scar requ	ce or r. T ificat ired.	n the fi he pre- tion wo The s	rindge ferred ould b tands	s. Lar regene e the n should	ge illegeration in ext besides the cut	and nominated for the all tower deer blind method would be by the alternative. Accessing the winter with the buld be done with meaning the allernatives.	in this stand. From the stand of the standard st	inal harve harvest. If nd 12 on t ed with br	st with reserver this can't be a the west. There	s, retaining the w ccomplished ther would be 3 smal	hite and red anchor ch I swamp cr	l pine and ain ossings
	Wld	: Spec	ial C	Conserv	vation for ma	Area (	SCA)-I	Proposed Biological his area. Goals sho	l Stewardship A ould be to impro	rea (BSA) ve this sta	and by closely a			

disturbances to occur with the objectives of moving toward desired future conditions.

		GWII	NN F	ORE	ST N	/IGT	UNIT	Sta	nd Level Info	ormatio	n Com	partment: 22	Entry	Year: 2012
S t a	Type-	Under Story-	r		avg. D						nt Packets Glo ions and code	essary of Terms" de definitions.	ocument lir	nk on web site
n d	Size Dnsty	Stkng Level		Age	B	Tot. BA	Site Indx	Mgt Obj	Condition	Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
16	S 4	S 2	12	100	5	10	24	black spruce-swamp	old growth (potential or actual)	Υ		not scheduled	0	
		Treatm		_			d grow	th						
com	nnts Fmc				•		•	. AREA BURNED I	N RICE LK FIF	RE 1986.				
	Wld	once	e appi	roved f	or ma	ınager	nent of	-Proposed Biological this area. Goals sho ectives of moving to	ould be to impro	ve this sta	nd by closely			
17	S 5	S 1	7	105	6	40	40	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
		Treatme Po					d growt	th						
com	nnts Fmc	i: SC	A pro	posed	BSA	, Cyr S	Swamp	. BURNED RICE LI	K FIRE 1986.					
	Wld	once	e appi	roved f	or ma	ınager	nent of	-Proposed Biologica this area. Goals sho ectives of moving to	ould be to impro	ve this sta	nd by closely			
18	J 6	J 2	27	68	8	100	60	jack pine	old growth (potential or actual)	Υ	final harvest	within 0-9 year	s 3 na	tural regeneration
	Wld	rego besi the don	enerate alter winte winte with contract alternate with	tion me rnative er with h mats Conserv	ethod Acc the cr or fal vation	would ess is cossing oric ar Area	through through gs filled and grav (SCA)	-Proposed Biologica	st. If this can't b st. There would litate the Rx but I Stewardship A	e accomple be 3 smal rn or scari rea (BSA)	lished then an l swamp cross fication work o-Cyr Swamp.	chor chain scarific sings required. Th summer crossings Recommend foll	e stands sh for equipr	Id be the next ould be cut in ment could be A Guidelines
			• •			_		this area. Goals sho ectives of moving to	•			mimicing and/or a	mowing na	aturai
19	J3	J 3	9	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	0	
com	nnts Fma	1 : SC.	A pro	posed	BSA	, Cyr S	Swamp	. Dense 2-4" jack pi	ne sapllings tha	t regenera	ated from the	Rice Lake Fire of	1986.	
	Wld	once	e appi	roved f	or ma	ınager	nent of	-Proposed Biologica this area. Goals sho ectives of moving to	ould be to impro	ve this sta	nd by closely			
20	J3	J 3	9	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	0	
com	nnts Fmc	i : SC	A pro	posed	BSA	, Cyr S	Swamp	. Dense 2-4" jack pi	ne sapllings tha	t regenera	ated from the	Rice Lake Fire of	1986.	
	Wld	once	e appi	roved f	or ma	ınager	nent of	-Proposed Biological this area. Goals sho	ould be to impro	ve this sta	nd by closely			
21	S 2	X 0	7	73	3	0	30	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
com	nnts Fma	i: SC	A pro	posed	BSA	, Cyr S	Swamp	. BURNED RICE LI	K FIRE 1986.					
		l: Spe	cial C e appi	Conserv roved f	ation or ma	Area mager	(SCA)- nent of	-Proposed Biologica this area. Goals sho ectives of moving to	l Stewardship A ould be to impro	ve this sta	nd by closely			

		GWIN	IN F	ORE	ST N	/IGT	UNIT		Stan	nd Level Info	ormatio	n Comp	artment: 22	Entry `	Year: 2012
S t	Cover	Under Story-	A c r		avg.						er descript	nt Packets Glos ions and code	sary of Terms" d definitions.	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	_ <del></del> .		Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
22	S 4	S 1	14	90	6	30	44	black spruce-s	wamp	old growth (potential or actual)	Y		not scheduled	0 b	
		Treatme					d arou	<b>4</b> h							
com	ints Fmd				·		d grow Swamp		JSHY,	SOME BIRCH	& LARC	H ON W SIDE	E, E SIDE IS SM	ALL SPRU	JCE
	Wld												Recommend foll		
										uld be to impro vard desired fut			mimicing and/or	allowing na	atural
25	Q 4	L 0	47	96	5	30	20	mixed swar conifer	np	old growth (potential or actual)	Y		not scheduled	d 0	
		<u>Treatme</u> Po		_			d grow	th							
com			-	-		-	-			STUNTED CE					
	Wld	once	appı	roved t	for ma	nagen	nent of	f this area. Goa	als shou		ve this sta	nd by closely r	Recommend foll mimicing and/or		
26	F6	F 1	8	96	8	80	63	spruce-fir (upl including upl black sprud	and	old growth (potential or actual)	Y		not scheduled	d 0	
		Treatme Po		_			d grow	th							
com	ints Fmd									onservation are birch, aspen, a			values along the	Escanaba F	River. Stand
	Wld	: Spec	ial C appi	onserv roved t	vation for ma	Area magen	(SCA)	-Proposed Bio f this area. Goa	logical als shou	Stewardship A	rea (BSA) ve this sta	Cyr Swamp.  nd by closely r	Recommend foll mimicing and/or		
27	M 6	F 2	9	74	10	80		northern hard		immature	N		10-19 years	0	
com	ints Fmd						maple /party		birch,	and aspen. Mo	st of the f	ir west of the r	oad is dead and o	down. This	stand is also a
28	S 6	S 2	9	96	6	70		black spruce-s	wamp	old growth (potential or actual)	Y		not scheduled	0 b	
		Treatme	nt Li	miting	Facto	rs:				,					
	ento Emd				Ū		d grow		HCE.	PINE ISLAND					
COIII		: Spec	ial C	onserv	ation for ma	Area anagen	(SCA)	-Proposed Bio f this area. Goa	logical als shou	Stewardship A	rea (BSA) ve this sta	nd by closely r	Recommend foll mimicing and/or		
29	C 4	L 0	2	121	5	30	15	cedar		old growth (potential or actual)	N		not scheduled	d 0	
com	ints Fmd	l: SCA	<b>pr</b> c	posed	BSA	, Cyr S	Swamp	o. VERY POO	R SPA	RCE CEDAR					
	Wld	once	appı	roved t	for ma	nagen	nent of	f this area. Goa	als shou		ve this sta	nd by closely r	Recommend foll mimicing and/or		
30	A 5	A 3	14	36	6	40	70	aspen (upla		immature	N		20-29 years	0	
com	ints Fmd	l: Full	y sto	cked a	spen	transit	tioning	g to a pole stand	d. Occ	asional white s	pruce and	soft maple. A	5A3F2		

		GWIN	IN F	ORE	ST N	IGT (	JNIT	Sta	nd Level Inf	ormatio	n Comp	artment: 22	Entry \	/ear: 2012
S t	Cover	Under Story-	A		avg.						nt Packets Glos ions and code	sary of Terms" d	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
31	A 6	F 2	9	70	8	70	68	aspen (upland)	old growth (potential or actual)	Υ		not scheduled	d 0	
		Treatme Po					l growth							
com	nts Fmd		\ For		_		-	retain as a special o	conservation are	a to protec	et and enhance	the riparian valu	es along the	e Escanaba
	Wld	: Spec	ial C	oved f	or ma	nagen	ent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely r			
 32	J 5	X 0	11	91	8	50	51	jack pine	old growth (potential or actual)	Y		not scheduled	d 0	
		Treatme Po					l growth							
com	nts Fmd	l: SCA	A pro	posed	BSA	Cyr S	wamp.	BURNED RICE I	LAKE FIRE 198	36.				
	Wld	once	appı	oved f	or ma	nagen	ent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely r			
33	C 5	L 0	2	139	6	50	22	cedar	old growth (potential or actual)	N		not schedule	0 b	
com	nte Emd	l: SCA	nro	mosed	RSA	Cvr S	wamn							
COM		: Spec	ial C	onserv	ation or ma	Area (	SCA)-F	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely r			
 34	Q 4	Q 1	26	99	6	30	36	mixed swamp conifer	old growth (potential or actual)	Y	ions.	not scheduled	0 b	
		Treatme					l growth							
com	nts Fmd	l: SCA			J		J							
	Wld	once	appı	oved f	or ma	nagen	ent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely r			
35	V 0	V 0	839			0		bog or muskeg	old growth (potential or actual)	N		not scheduled	0 b	
com	nts Fmd	l: SCA	A pro	posed	BSA	, Cyr S	wamp.	MOST OF THIS A	AREA BURNE	D RICE LI	X FIRE 1986.			
	Wld	once	appı	oved f	or ma	nagen	ent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely r			
<u></u> 86	V 0	V 0	547			0		bog or muskeg	old growth (potential or actual)	N		not scheduled	0 b	
com	nts Fmd	l: SC	A pr	oposed	l BSA	., Cyr S	Swamp.	ALL BUT SOU	JTH PT BURN	ED RICE I	LK FIRE 1986			
	Wld	once	appı	oved f	or ma	nagen	ent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely r			

		GWIN	IN F	ORE	ST N	IGT (	UNIT	Sta	ınd Level Inf	ormatio	n Comp	artment: 22	Entry \	Year: 2012
S t	_	Under	A c		avg.						nt Packets Glos ions and code o	sary of Terms" o	ocument lin	k on web site
a n d	Type- Size Dnsty	Story- Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
37	L0	L 0	13			0	15	lowland brush	old growth (potential or actual)	N		not schedule	0 b	
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	Mostly willow.						
	Wld	once	appı	roved	for ma	nagen	nent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	and by closely n			
39	L 0	L 0	13			0	15	lowland brush	old growth (potential or actual)	N		not schedule	0 b	
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.							
	Wld	once	appı	roved	for ma	nagen	nent of t	Proposed Biologica his area. Goals shortives of moving to	ould be to impro	ve this sta	and by closely n			
40	A 4	A 3	4	26	5	20	58	aspen (upland)	immature	N		20-29 years	0	
com	nts Fmd	: 4-6" stand		meter	1-2 sti	ck asp	en pole	s over fully stocked	d aspen saplings	and scatte	ered F1. Stand	is transitioning	o a fully sto	ocked pole
43	J 6	S 1	6	108	7	90	50	jack pine	old growth (potential or actual)	Y		not schedule	0 b	
				al or de			d growth	1						
com	nts Fmd							. GROWTH HAS RE SMALL YET		STICALI	LY SEMI-OPE	N SOME AREA	S HAVE N	ICE PINE
	Wld	once	appı	roved	for ma	nagen	nent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	and by closely n			
44	J 6	S 1	1	108	7	90	50	jack pine	old growth (potential or actual)	Υ		not schedule	d 0	
		Treatme Po		-			d growth	1						
com	nts Fmd							GROWTH HAS RE SMALL YET		STICALL	Y SEMI-OPEN	N SOME AREAS	S HAVE NI	CE PINE
	Wld	: Spec	ial C appı	onservoved i	vation for ma	Area (	(SCA)-Inent of t	Proposed Biologica his area. Goals sho ctives of moving to	al Stewardship A	ve this sta	and by closely n			
45	J 6	S 1	7	108	7	90	50	jack pine	old growth (potential or actual)	Υ		not schedule	0 b	
		Treatme Po					d growth	1						
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	swamp.	GROWTH HAS S RE SMALL YET		STICALLY	Y SEMI-OPEN	SOME AREAS	HAVE NI	CE PINE
	Wld	: Spec	ial C appı	onserv	vation for ma	Area (	(SCA)-Inent of t	Proposed Biologica his area. Goals shortives of moving to	al Stewardship A	ve this sta	and by closely n			

		GWIN	IN F	ORES	ST N	/IGT	UNIT	Sta	nd Level Inf	ormatio	n Com	partment: 22	Entry \	/ear: 2012
S t	Cover Type-	Under Story-	A C		avg.					er descript	nt Packets Glo ions and code	ssary of Terms" of definitions.	locument lin	k on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
46	J 6	S 1	10	108	10	90	50	jack pine	old growth (potential or actual)	Υ		not schedule	d 0	
		Treatme		miting F al or de			d arowt	h						
com	nts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp	. J5S5R4 Jack pin	e and black spr	uce island	with the east s	side almost pure 1	ed pine pole	es. Large
	Wld	: Spec once	ial C appı	roved fo	ation or ma	Area mager	(SCA)- nent of	Proposed Biological this area. Goals sho ectives of moving to	uld be to impro	ve this sta	nd by closely			
47	J 6	S 1	1	108	7	90	50	jack pine	old growth (potential or actual)	Υ		not schedule	0 b	
		Treatme		-			d aroust	.h						
com	nts Fmd	l: SCA	pro		BSA.	, Cyr S	Swamp	 . GROWTH HAS S ARE SMALL YET J		STICALL	Y SEMI-OPE	EN SOME AREA	S HAVE N	ICE PINE
	Wld	once	appı	roved fo	or ma	ınager	nent of	Proposed Biological this area. Goals sho ectives of moving to	uld be to impro	ve this sta	nd by closely			
48	S 4	S 2	13	100	5	10	24	black spruce-swamp	old growth (potential or actual)	Υ		not schedule	0 b	
		Treatme Po		miting F al or de			d arowt	:h						
com	nts Fmd				·		Ū	p. AREA BURNED	IN RICE LK I	TRE 1986				
	Wld	once	appı	roved fo	or ma	ınager	nent of	Proposed Biological this area. Goals sho ectives of moving to	ould be to impro	ve this sta	nd by closely			
49	S 4							black spruce-swamp		Υ		not schedule	d 0	
		Treatme		miting F al or de			d grount	.h	,					
com	nts Fmd				-		_	. AREA BURNED	IN RICE LK F	IRE 1986				
	Wld	once	appı	roved fo	or ma	nager	nent of	Proposed Biological this area. Goals sho ectives of moving to	ould be to impro	ve this sta	nd by closely			
50	S 4	S 2	4	100	5	10	24	black spruce-swamp	old growth (potential or actual)	Y		not schedule	d 0	
		<u>Treatme</u> Po		miting F al or de			d arowt	:h						
com	nts Fmd				•		•	 .    AREA BURNED 1	IN RICE LK FI	RE 1986				
	Wld	once	appı	roved fo	or ma	ınager	nent of	Proposed Biological this area. Goals sho ectives of moving to	uld be to impro	ve this sta	nd by closely			

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		GWIN	IN F	ORE	ST N	IGT (	UNIT	Sta	and Level Info	ormation	Com	partment: 22	Entry	Year: 2012
S t a	Cover Type-	Under Story-	A C r		avg.							ossary of Terms" on the definitions.	locument lir	nk on web site
n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
51	S 4	S 2	1	100	5	10	24	black spruce-swam	p old growth (potential or actual)	Υ		not schedule	d 0	
		Treatme Pot		miting I			d growt	h						
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	wamp	. AREA BURNEI	O IN RICE LK F	IRE 1986				
	Wld	once	appı	oved f	or ma	nagen	nent of	Proposed Biologic this area. Goals shectives of moving to	ould be to impro	ve this star	nd by closely			
52	S 4	S 2	3	100	5	10	24	black spruce-swam	p old growth (potential or actual)	Y		not schedule	d 0	
		Treatme												
	Em d			al or de	·		Ū		AIN DICE LE EL	DE 1006				
com			-	-		-	-	<ul><li>AREA BURNED</li><li>Proposed Biologic</li></ul>			Cur Swamr	Pacammand fol	lowing BS	\ Guidalinas
	Wid	once	appı	oved f	or ma	nagen	nent of	this area. Goals shectives of moving to	ould be to impro	ve this star	nd by closely			
53	S 5	S 1	7	105	6	40	40	black spruce-swam	p old growth (potential or actual)	Υ		not schedule	0 b	
		<u>Treatme</u>												
com	nts Fmd			al or de posed	·		Ū	n .   BURNED RICE :	LK FIRE 1986					
		: Specionce	ial C appı	onserv	ation or ma	Area (	(SCA)- nent of	Proposed Biologic this area. Goals shectives of moving to	al Stewardship A nould be to impro	ve this star	nd by closely			
54	S 5	S 1	1	105	6	40	40	black spruce-swam	p old growth (potential or actual)	Y		not schedule	d 0	
		Treatme Pot		miting I			d growt	h	·					
com	nts Fmd	: SC	A pı	roposed	d BSA	A, Cyr	Swam	p. BURNED RICE	E LK FIRE 1986					
	Wld	once	appı	oved f	or ma	nagen	nent of	Proposed Biologic this area. Goals shectives of moving to	ould be to impro	ve this star	nd by closely			
55	S 5	S 1	3	105	6	40	40	black spruce-swam	p old growth (potential or actual)	Y		not schedule	d 0	
	•	Treatme Pot		miting I			d growt	h						
com	nts Fmd				-		_	BURNED RICE	LK FIRE 1986					
	Wld	once	appı	oved f	or ma	nagen	nent of	Proposed Biologic this area. Goals shectives of moving to	ould be to impro	ve this star	nd by closely			

		GWIN	IN F	ORE	ST N	IGT (	UNIT	Star	nd Level Inf	ormation	Com	partment: 22	Entry `	Year: 2012
S t	Cover	Under Story-	A C		avg.					er descripti	t Packets Glo ons and code	ossary of Terms" d e definitions.	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
56	S 5	S 1	1	105	6	40	40 b	lack spruce-swamp	old growth (potential or actual)	Υ		not scheduled	d 0	
		Treatme Pot					d growth	ı						
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	BURNED RICE L	K FIRE 1986					
	Wld	once	appı	roved f	or ma	nagen	nent of the	Proposed Biological his area. Goals sho ctives of moving to	ould be to impro	ve this star	nd by closely			
57	S 5	S 1	1	105	6	40	40 b	lack spruce-swamp	old growth (potential or actual)	Y		not scheduled	d 0	
		Treatme	nt Li	miting l	Facto	rs:								
		Pot	tenti	al or de	esigna	ited old	d growth	ı						
com	nts Fmd	l: SCA	pro	posed	BSA,	Cyr S	Swamp.	BURNED RICE L	K FIRE 1986					
	Wld	once	appı	roved f	or ma	nagen	nent of the	Proposed Biological his area. Goals sho ctives of moving to the control of the co	uld be to impro	ve this star	nd by closely			
58	S 5	S 1	2	105	6	40	40 b	lack spruce-swamp	old growth (potential or actual)	Υ		not scheduled	d 0	
		Treatme												
	Б.				-		d growth		IZ EIDE 1004					
com			-	-		-	-	BURNED RICE L						
	Wld	once	appı	roved f	or ma	nagen	nent of the	Proposed Biological his area. Goals sho ctives of moving to the control of the co	ould be to impro	ve this star	nd by closely			
59	S 5	S 1	10	105	6	40	40 b	lack spruce-swamp	old growth (potential or actual)	Υ		not scheduled	d 0	
		Treatme Pot					d growth	ı						
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	BURNED RICE L	K FIRE 1986					
	Wld	once	appı	roved f	or ma	nagen	nent of the	Proposed Biological his area. Goals sho ctives of moving to	ould be to impro	ve this star	nd by closely			
60	S 5	S 1	1	105	6	40	40 b	lack spruce-swamp	old growth (potential or actual)	Y		not scheduled	d 0	
		Treatme Pot					d growth	ı						
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	BURNED RICE L	K FIRE 1986					
	Wld	once	appı	roved f	or ma	nagen	nent of the	Proposed Biological his area. Goals sho ctives of moving to	uld be to impro	ve this star	nd by closely			

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		GWIN	IN F	ORE	ST N	IGT (	UNIT	Star	nd Level Info	rmation	Comp	artment: 22	Entry	Year: 2012
S t a	Cover	Under Story-	A C		avg.					r description	Packets Glosons and code	ssary of Terms" o	locument lir	nk on web site
n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
61	S 5	S 1	1	105	6	40	40 bl	ack spruce-swamp	old growth (potential or actual)	Υ		not schedule	d 0	
		Treatme Po		_			d growth							
com	nts Fmd	: SCA	A pro	posed	BSA	, Cyr	Swamp.	BURNED RICE I	LK FIRE 1986					
	Wld	once	appr	oved fo	or ma	nagen	nent of th	roposed Biological his area. Goals sho tives of moving to	uld be to impro	ve this stan	nd by closely i			
62	S 5	S 1	4	105	6	40	40 bla	ack spruce-swamp	old growth (potential or actual)	Y		not schedule	0 b	
		Treatme Po					d growth							
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	BURNED RICE L	K FIRE 1986					
	Wld	once	appr	oved fo	or ma	nagen	nent of th	roposed Biological his area. Goals sho tives of moving to	uld be to impro	ve this stan	nd by closely i			
63	J3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
					<b>.</b>	~ .							1001	
com			-	-		-	-	Dense 2-4" jack pi		_				A C : 1 1:
	WIU	once	appr	oved fo	or ma	nagen	nent of th	roposed Biological his area. Goals sho tives of moving tow	uld be to impro	ve this stan	nd by closely			
64	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	0 b	
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	Dense 2-4" jack pi	ne sapllings that	regenerat	ted from the R	tice Lake Fire of	1986.	
	Wld	once	appr	oved fo	or ma	nagen	nent of th	roposed Biological his area. Goals sho tives of moving tov	uld be to impro	ve this stan	nd by closely			
65	J3	J 3	20	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	0 b	
com	nts Fmd	: SCA	pro	posed	BSA,	, Cyr S	Swamp.	Dense 2-4" jack pi	ne sapllings that	regenerat	ted from the R	tice Lake Fire of	1986.	
	Wld	once	appr	oved fo	or ma	nagen	nent of th	roposed Biological his area. Goals sho tives of moving to	uld be to impro	ve this stan	nd by closely i			
66	J 3	J 3	3	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	: SCA	pro	posed	BSA,	, Cyr S	Swamp.	Dense 2-4" jack pi	ne sapllings that	regenerat	ted from the R	tice Lake Fire of	1986.	

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		GWIN	IN F	ORE	ST N	/IGT	UNIT	Sta	and Level Inf	ormatio	n Compa	artment: 22	Entry \	/ear: 2012
S t	Cover Type-	Under Story-	A C		avg.					er descript	nt Packets Gloss ions and code o		document lin	k on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
67	J3	J 3	4	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
con	nnts Fmd	I: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" jack p	oine sapllings tha	t regenera	ated from the Ri	ice Lake Fire of	1986.	
	Wld	once	app	roved f	or ma	anagen	nent of tl	Proposed Biologica his area. Goals shortives of moving to	ould be to impro	ve this sta	and by closely n			
68	J3	J 3	5	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
con	nnts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" jack p	oine sapllings tha	t regenera	ated from the Ri	ice Lake Fire of	1986.	
	Wld	once	appi	roved f	or ma	anagen	nent of tl	Proposed Biologica his area. Goals shatives of moving to	ould be to impro	ve this sta	and by closely m			
69	J3	J 3	3	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	l: SCA	nro	posed	BSA	. Cvr S	Swamp.	Dense 2-4" jack p	oine sapllings tha	t regenera	ated from the Ri	ice Lake Fire of	1986.	
		: Spec once	ial C app	onserv coved f	ation or ma	Area	(SCA)-P	Proposed Biologication of the Brown of Biologication of Browning to the Browni	al Stewardship A hould be to impro	area (BSA) eve this sta	)-Cyr Swamp. 1 and by closely m	Recommend fol	lowing BSA	
70	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nnts Fmd	l: SCA	bro	posed	BSA	. Cvr S	Swamp.	Dense 2-4" jack p	oine sapllings tha	t regenera	ated from the Ri	ice Lake Fire of	1986.	
		: Spec once	ial C	onserv coved f	ation or ma	Area	(SCA)-P	Proposed Biologica his area. Goals shetives of moving to	al Stewardship A hould be to impro	area (BSA) ve this sta	)-Cyr Swamp. 1 and by closely m	Recommend fol	lowing BSA	
71	J3	J 3	6	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
con	nnts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" jack p	oine sapllings tha	t regenera	ated from the Ri	ice Lake Fire of	1986.	
	Wld	once	appi	roved f	or ma	anagen	nent of tl	Proposed Biologic his area. Goals sh ctives of moving to	ould be to impro	ve this sta	and by closely n			
72	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nnts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" jack p	oine sapllings tha	t regenera	ated from the Ri	ice Lake Fire of	1986.	
		: Spec once	ial C appi	onserv coved f	ation or ma	Area	(SCA)-P	Proposed Biologic his area. Goals sh tives of moving to	al Stewardship A hould be to impro	area (BSA) eve this sta	)-Cyr Swamp. 1	Recommend fol	lowing BSA	

		GWIN	IN F	ORE	ST N	/IGT (	JNIT	Sta	and Level Info	rmatio	n Com	partment: 22	Entry `	Year: 2012
S t	Cover	Under Story-	A		avg.					r descript	t Packets Glo ions and code	essary of Terms" de definitions.	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
73	J3	J 3	4	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	1 0	
com	nts Fmd	: SCA	pro	posed	BSA	, Cyr S	wamp.	Dense 2-4" jack j	pine sapllings that	regenera	ited from the	Rice Lake Fire of	1986.	
	Wld	once	app	roved 1	for ma	nagen	nent of th	nis area. Goals sh		ve this sta	nd by closely	Recommend foll mimicing and/or a		
74	13	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	I 0	
com	nts Fmd	: SCA	pro	posed	BSA	, Cyr S	wamp.	Dense 2-4" jack j	pine sapllings that	regenera	ited from the	Rice Lake Fire of	1986.	
	Wld	once	app	roved 1	for ma	nagen	nent of th	nis area. Goals sh		ve this sta	nd by closely	Recommend foll mimicing and/or a		
75	J 3	J 3	4	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	I 0	
com	nts Fmd	: SCA	pro	posed	BSA	, Cyr S	wamp.	Dense 2-4" jack j	pine sapllings that	regenera	ited from the	Rice Lake Fire of	1986.	
		: Spec	ial C app	Conserv	ation for ma	Area (	(SCA)-P	roposed Biologic nis area. Goals sh	al Stewardship A	rea (BSA) ve this sta	-Cyr Swamp. nd by closely	Recommend foll mimicing and/or a	owing BSA	
76	13	J 3	6	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	I 0	
com	nts Fmd	: SCA	pro	posed	BSA	. Cvr S	wamp.	Dense 2-4" jack i	pine sapllings that	regenera	ated from the	Rice Lake Fire of	1986.	
		: Spec	ial C app	Conserv	ation for ma	Area (	(SCA)-P	roposed Biologic nis area. Goals sh	al Stewardship A	rea (BSA) ve this sta	-Cyr Swamp. nd by closely	Recommend foll mimicing and/or a	owing BSA	
77	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	I 0	
com	nts Fmd	: SCA	pro	oposed	BSA	, Cyr S	wamp.	Dense 2-4" jack j	pine sapllings that	regenera	ited from the	Rice Lake Fire of	1986.	
	Wld	once	app	roved t	for ma	anagen	nent of th	nis area. Goals sh	_	ve this sta	nd by closely	Recommend foll mimicing and/or a	-	
78	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	I 0	
com	nts Fmd	: SCA	pro	oposed	BSA	, Cyr S	wamp.	Dense 2-4" jack 1	pine sapllings that	regenera	ited from the	Rice Lake Fire of	1986.	
		: Spec	ial C app	Conserv	ation for ma	Area (	(SCA)-P	roposed Biologic nis area. Goals sh	al Stewardship A	rea (BSA) ve this sta	-Cyr Swamp. nd by closely	Recommend foll mimicing and/or a	owing BSA	

_			-	•	·	IGT (	J141 1	Stail	d Level Info	ormation	i Compa	rtment: 22	Entry \	/ear: 2012
S t	Cover	Under Story-	A C		avg.					er descripti	t Packets Gloss ons and code de		locument lin	k on web site
a n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
79	\$2	X 0	3	73	3	0	30 bla	ack spruce-swamp	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	: SCA	pro	posed	BSA,	, Cyr S	wamp. I	BURNED RICE LI	X FIRE 1986					
	Wld	once	appr	oved f	or ma	nagen	ent of th	roposed Biological is area. Goals shou ives of moving tow	ald be to impro	ve this star	nd by closely mi			
80	S 2	X 0	2	73	3	0	30 bla	ack spruce-swamp	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	: SCA	pro	posed	BSA,	, Cyr S	wamp. I	BURNED RICE LI	X FIRE 1986					
		: Specionce	ial C appr	onserv oved f	ation or ma	Area ( inagen	SCA)-Pr ent of th	roposed Biological is area. Goals shourives of moving tow	Stewardship A ald be to impro	ve this star	nd by closely mi			
81	J 3	J 3	3	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nte Fmd	· SCA	nro	nosed	RSA	Cvr S	wamn I	Dense 2-4" jack pin	ne sanllings that	regenera	ted from the Ric	e Lake Fire of	1986	
		: Specionce	ial C appr	onserv oved f	ation or ma	Area ( inagen	SCA)-Pr ent of th	roposed Biological is area. Goals shou	Stewardship A ald be to impro	rea (BSA) ve this star	-Cyr Swamp. R	ecommend fol	lowing BSA	
82	J3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	: SCA	. pro	posed	BSA.	. Cvr S	wamp. I	Dense 2-4" jack pin	ne sapllings that	regenera	ted from the Ric	e Lake Fire of	1986.	
		: Specionce	ial C appr	onserv oved f	ation or ma	Area ( inagen	SCA)-Pr	roposed Biological is area. Goals shou	Stewardship A  ald be to impro	rea (BSA) ve this star	-Cyr Swamp. R	ecommend fol	lowing BSA	
83	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	: SCA	pro	posed	BSA,	, Cyr S	wamp. I	Dense 2-4" jack pin	ne sapllings that	regenera	ted from the Ric	e Lake Fire of	1986.	
	Wld	once	appr	oved f	or ma	ınagen	ent of th	roposed Biological is area. Goals shourives of moving tow	ald be to impro	ve this star	nd by closely mi			
84	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	: SCA	pro	posed	BSA,	, Cyr S	wamp. I	Dense 2-4" jack pin	ne sapllings that	regenera	ted from the Ric	e Lake Fire of	1986.	
		: Specionce	ial C appr	onserv oved f	ation or ma	Area ( inagen	SCA)-Pr ent of th	roposed Biological is area. Goals shourives of moving tow	Stewardship A	rea (BSA) ve this star	-Cyr Swamp. R	ecommend fol	lowing BSA	

		GWIN	IN F	ORE	ST N	IGT I	JNIT	Sta	and Level Info	ormatio	n Comp	artment: 22	Entry \	/ear: 2012
S t	Cover Type-	Under Story-	A		avg.					er descript	nt Packets Glose ions and code o	sary of Terms" of definitions.	document lin	k on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
85	J3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA,	, Cyr S	wamp.	Dense 2-4" jack p	ine sapllings tha	t regenera	ated from the R	ice Lake Fire of	1986.	
	Wld	once	app	roved f	or ma	nagen	ent of th	roposed Biologica his area. Goals shi tives of moving to	ould be to impro	ve this sta	nd by closely n			
86	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA,	, Cyr S	wamp.	Dense 2-4" jack p	ine sapllings tha	t regenera	nted from the R	ice Lake Fire of	1986.	
	Wld	once	app	roved f	or ma	nagen	ent of th	roposed Biologica his area. Goals sh tives of moving to	ould be to impro	ve this sta	nd by closely n			
87	J3	J 3	3	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	I: SCA	nro	nosed	BSA	Cvr S	wamn	Dense 2-4" jack p	ine sanllings tha	t regeners	ated from the R	ice Lake Fire of	1986	
		: Spec once	ial C app	Conserv roved f	ation or ma	Area (	(SCA)-Pa	roposed Biologica his area. Goals shi tives of moving to	al Stewardship A	rea (BSA) ve this sta	Cyr Swamp. Ind by closely n	Recommend fol	lowing BSA	
88	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA.	, Cyr S	wamp.	Dense 2-4" jack p	ine sapllings tha	t regenera	ated from the R	ice Lake Fire of	1986.	
		: Spec once	ial C app	Conserv roved f	ation or ma	Area (	(SCA)-Pa	roposed Biologica his area. Goals shi tives of moving to	al Stewardship A	rea (BSA) ve this sta	Cyr Swamp. Ind by closely n	Recommend fol	lowing BSA	
89	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA,	, Cyr S	wamp.	Dense 2-4" jack p	ine sapllings tha	t regenera	ated from the R	ice Lake Fire of	1986.	
	Wld	once	appi	roved f	or ma	nagen	ent of th	roposed Biologica his area. Goals shitives of moving to	ould be to impro	ve this sta	nd by closely n			
90	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA.	, Cyr S	wamp.	Dense 2-4" jack p	ine sapllings tha	t regenera	ated from the R	ice Lake Fire of	1986.	
		: Spec once	ial C app	conserv coved f	ation or ma	Area (	(SCA)-Pa	roposed Biologica his area. Goals shi tives of moving to	al Stewardship A	rea (BSA) ve this sta	Cyr Swamp. I	Recommend fol	lowing BSA	

		GWIN	IN F	ORE	ST N	/IGT	UNIT		Stand Level Info	rmation	n Compa	artment: 22	Entry	Year: 2012
S t a	Cover Type-	Under Story-	A C r		avg.					r descripti	t Packets Gloss ions and code o	sary of Terms" d definitions.	locument lin	k on web site
n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
91	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" ja	ck pine sapllings that	regenera	ted from the Ri	ce Lake Fire of	1986.	
	Wld	once	appı	roved f	for ma	anagen	nent of tl	his area. Goal	egical Stewardship A s should be to impro- ng toward desired fut	ve this star	nd by closely m			
92	J3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	d 0	
com	ınts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" ja	ck pine sapllings that	regenera	ted from the Ri	ce Lake Fire of	1986.	
	Wld	once	appı	roved f	for ma	anagen	nent of tl	his area. Goal	egical Stewardship A s should be to impro- ng toward desired fut	ve this star	nd by closely m			
93	J3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	d 0	
com	nts Fmd	l: SCA	bro	posed	BSA	. Cvr S	Swamp.	Dense 2-4" ia	ck pine sapllings that	regenera	ted from the Ri	ce Lake Fire of	1986.	
		: Spec once	ial C appı	onserv coved f	ation for ma	Area anagen	(SCA)-P	roposed Biolo his area. Goal	ogical Stewardship A s should be to impro- ng toward desired fut	rea (BSA) ve this star	-Cyr Swamp. I	Recommend fol	lowing BSA	
94	J3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" ja	ck pine sapllings that	regenera	ted from the Ri	ce Lake Fire of	1986.	
		: Spec once	ial C appı	onserv roved f	ation for ma	Area (	(SCA)-P	roposed Biolo his area. Goal	ogical Stewardship A s should be to impro- ng toward desired fut	rea (BSA) ve this star	-Cyr Swamp. I	Recommend fol	lowing BSA	
95	13	J 3	5	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	d 0	
com	nts Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" ja	ck pine sapllings that	regenera	ted from the Ri	ce Lake Fire of	1986.	
	Wld	once	appı	roved f	for ma	anagen	nent of tl	his area. Goal	egical Stewardship A s should be to impro- ng toward desired fut	ve this star	nd by closely m		-	
96	J 3	J 3	1	23	3	0	60	jack pine	old growth (potential or actual)	N		not schedule	d 0	
com	ints Fmd	l: SCA	pro	posed	BSA	, Cyr S	Swamp.	Dense 2-4" ja	ck pine sapllings that	regenera	ted from the Ri	ce Lake Fire of	1986.	
		: Spec once	ial C appı	onserv coved f	ation for ma	Area (	(SCA)-P	roposed Biolo his area. Goal	egical Stewardship A s should be to impro- ng toward desired fut	rea (BSA) we this star	-Cyr Swamp. I	Recommend fol	lowing BSA	

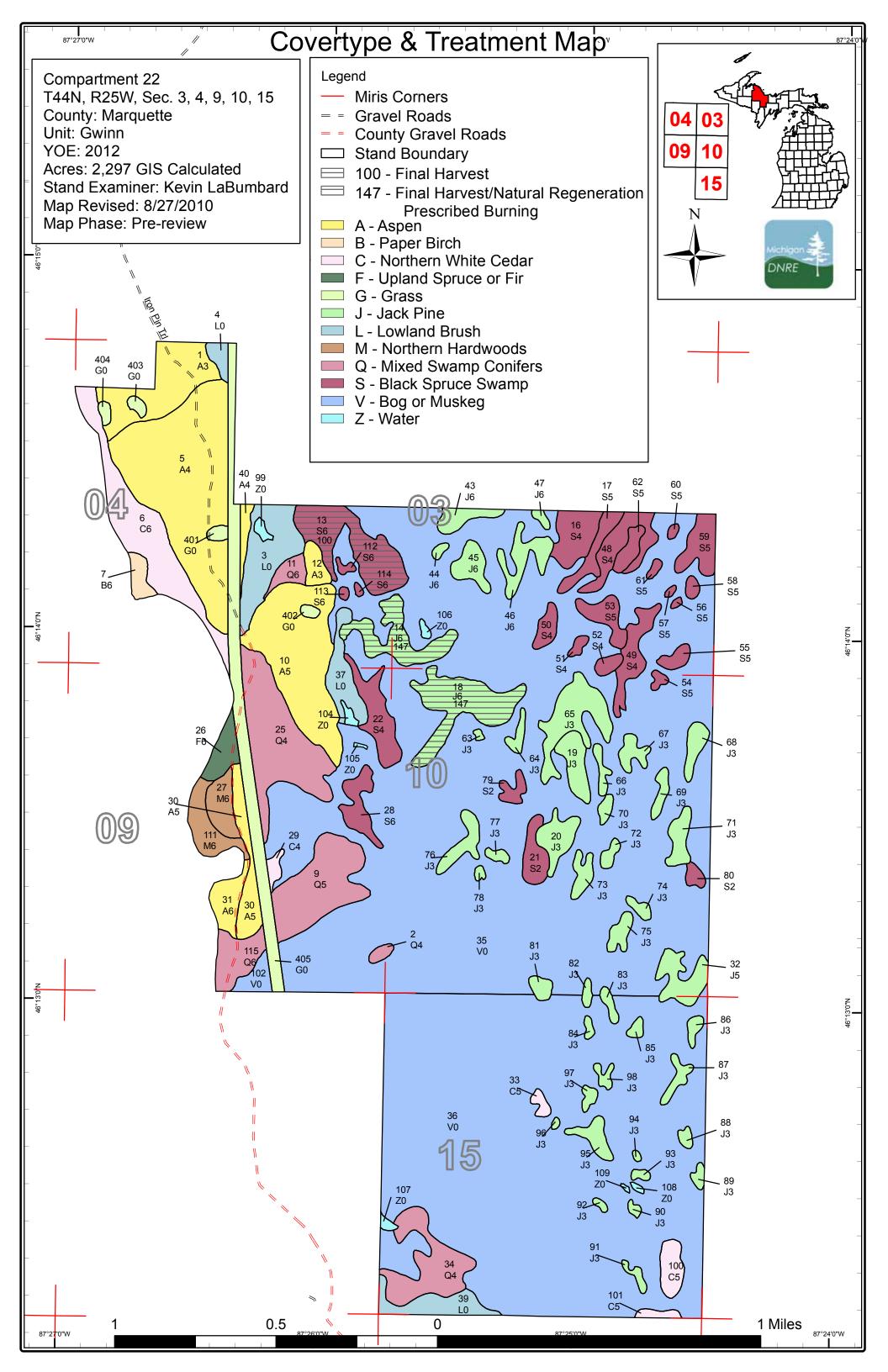
		GWIN	IN F	ORE	ST I	ИGТ	UNIT		Stand Level Info	rmation	Comp	artment: 22	Entry `	Year: 2012
S t a	Cover	Under Story-	A C		avg.					er description	Packets Gloss ons and code of	sary of Terms" d definitions.	ocument lin	k on web site
n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
97	13	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	i 0	
com	nts Fmd	l: SCA	pro	oposed	BSA	, Cyr S	Swamp.	Dense 2-4" ja	ick pine sapllings that	regenerat	ed from the Ri	ice Lake Fire of	1986.	
	Wld	once	app	roved f	for ma	anager	nent of the	his area. Goa	ogical Stewardship A ls should be to impro ng toward desired fut	ve this stan	nd by closely n			
98	J3	J 3	2	23	3	0	60	jack pine	old growth (potential or actual)	N		not scheduled	i 0	
com	nte Emd	I · SCA	nro	onosed	BSA	Cvr.9	Swamn	Dense 2-4" is	ick pine sapllings that	regenerat	ed from the Ri	ice Lake Fire of	1986	
COII		: Spec	ial C app	Conserv roved f	ation	Area anager	(SCA)-F	Proposed Biolhis area. Goa	ogical Stewardship A ls should be to impro- ng toward desired fut	rea (BSA)- ve this stan	Cyr Swamp. 1	Recommend foll	owing BSA	
99	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
com	ints Fmd	l: Sma	ll be	aver po	ond.									
100	C 5	L 0	7	139	6	50	22	cedar	old growth (potential or actual)	N		not scheduled	d 0	
		<u>Treatme</u>					d							
com	nte Emd	Po I: SCA			-		d growth							
		: Spec	ial C	Conserv roved f	ation	Area anager	(SCA)-F	his area. Goa	ogical Stewardship A ls should be to impro ng toward desired fut	ve this stan	nd by closely n			
101	C 5	L 0	2	139	6	50	22	cedar	old growth (potential or actual)	N		not scheduled	d 0	
com	ints Fmd	l: SCA	pro	oposed	BSA	, Cyr S	Swamp.							
		: Spec	ial C app	Conserv roved f	ation	Area anager	(SCA)-F	his area. Goa	ogical Stewardship A ls should be to impro ng toward desired fut	ve this stan	nd by closely n			
102	V 0	V 0	5			0		bog or musk	eg old growth (potential or actual)	N		not scheduled	0	
com	ints Fmd	l:												
103	V 0	V 0	10			0		bog or musk	eg old growth (potential or actual)	N		not scheduled	d 0	
com	ints Fmd	l: SCA	pro	oposed	BSA	, Cyr S	Swamp.							
	Wld	once	app	roved f	for ma	anager	nent of the	his area. Goa	ogical Stewardship A ls should be to impro	ve this stan	nd by closely n			
 104	Z 0	Z 0	1 1	ICES 10	occui	0	ne objec	water	ng toward desired fut nonstocked	N	.0118.	not scheduled	d 0	
	_ •		-			J				-		2.22.000.00	-	
com	nts Fmd	l: Sm	all b	og por	nd.									

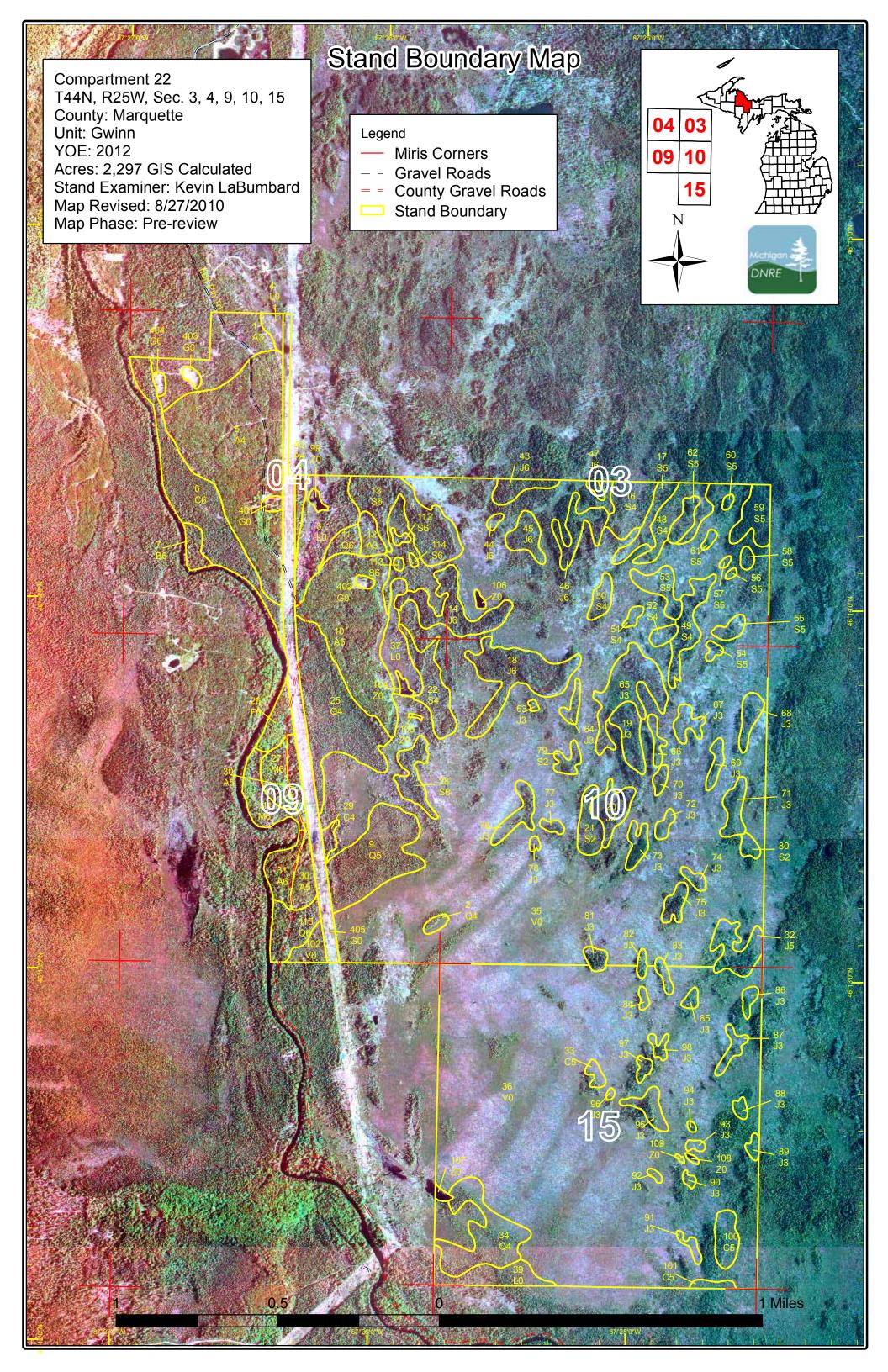
		GWIN	IN F	ORE	ST N	/IGT	UNIT	Star	nd Level Info	ormation	Com	partment: 22	Entry `	Year: 2012
S t	Cover	Under Story-	A		avg.					er descripti	t Packets Glo	essary of Terms" do	ocument lin	nk on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
105	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comr	nts Fmd	: Sm	all b	og poi	nd.									
106	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comr	nts Fmd	: Sm	all b	og por	nd.									
107	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comr	nts Fmd	: Sm	all b	og poi	nd.									
108	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comr	nts Fmd	: Sm	all b	og poi	nd.									
109	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comr	nts Fmd	: Sm	all b	og poi	nd.									
111	M 6	F 2	12	74	10	70	64	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
comr		Rive : Spec once	r. S ial C app	tand is Conserved	s a mix vation for ma	x of ha Area anagen	rdwoo (SCA) nent of	, retain this stand as ds with white spruce -Proposed Biological this area. Goals sho ectives of moving to	and fir in the u Stewardship A ould be to impro	nderstory. rea (BSA) ve this star	-Cyr Swamp.	Recommend follo	owing BSA	A Guidelines
112	S 6	S 2	1	96	10	70		black spruce-swamp		Y		not scheduled	0	
		Treatme							,					
comr	ste Fmd				•		d grow Swamn	th  Black spruce with:	red nine and tar	narck				
COIIII		: Spec once	ial C app	Conserv	vation for ma	Area (	(SCA)	-Proposed Biological this area. Goals sho ectives of moving too	Stewardship A	rea (BSA) ve this star	nd by closely			
113	S 6	S 2	1	96	10	70	38	black spruce-swamp	old growth (potential or actual)	Υ		not scheduled	0	
		Treatme Po					d grow	th						
comr	nts Fmd				-		-	. Black spruce with	red pine and tar	narck.				
	Wld	once	appi	roved	for ma	nagen	nent of	Proposed Biological this area. Goals sho ectives of moving to	ould be to impro	ve this star	nd by closely			

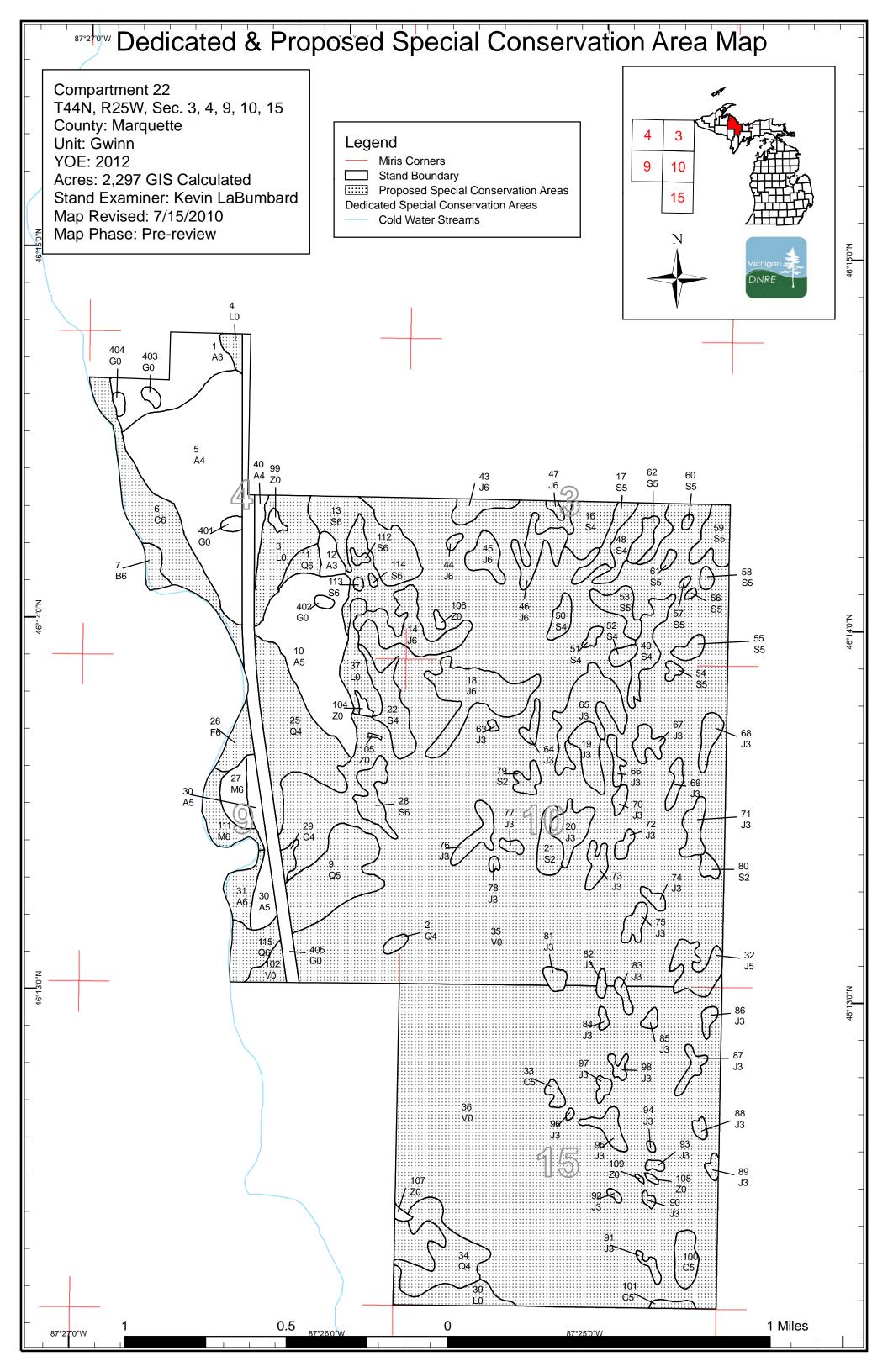
		GWIN	IN F	ORE	ST N	IGT (	UNIT	Sta	nd Level Inf	ormatio	n Com	partment: 22	Entry \	/ear: 2012
S t	Cover		A C		avg.						nt Packets Glo ions and code	ssary of Terms" do	ocument lin	k on web site
a n d	Type- Size Dnsty	Story- Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
114	S 6	S 2	1	96	10	70	38 b	lack spruce-swamp	o old growth (potential or actual)	Y		not scheduled	0	
	-	Treatme Po					d growth	ı						
com	nts Fmd	: SCA	pro	posed	BSA,	Cyr S	Swamp.	Black spruce with	red pine and tar	narck.				
		once distu	appı ırban	roved	for ma	nagen	nent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely			
115	Q6	L 0	13	78	10	70	46	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
	-	Treatme Po					d growth	ı						
com	nts Fmd	: SCA	For	mer po	otentia	ıl old g	growth,	retain this stand as	s a special conse	rvation are	ea to protect th	he riparian values a	along the E	Escanaba River.
	Wld	once	appr	roved	for ma	nagen	nent of t	Proposed Biologica his area. Goals sho ctives of moving to	ould be to impro	ve this sta	nd by closely			
401	G 0	G 0	2			0	70	grass	nonstocked	N		not scheduled	0	
com	nts Fmd	: Crea	ated g	grass o	penin	g.								
402	G 0	G 0	1	14		0		grass	nonstocked	N		not scheduled	0	
com	nts Fmd	: Crea	ated g	grass o	penin	g.								
403	G 0	G 0	2	14		0		grass	nonstocked	N		not scheduled	0	
com	nts Fmd	: Crea	ated g	grass o	penin	g.								
404	G 0	G 0	1	14		0		grass	nonstocked	N		not scheduled	0	
com	nts Fmd	: Crea	ated g	grass o	penin	g.								
405	G 0	G 0	43			0		grass	nonstocked	N		not scheduled	0	

Total Acres...... 2297

comnts Fmd: High tension powerline.







Gwinn Mgt. Unit Report Date: 07/26/2010

Compartment: 022



### **DEDICATED CONSERVATION AREA DETAILS**

\* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

Conservation Area	on Type	Description	HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen condistocked trout populations and those of other coldwater fish species to year. Coldwater streams in Michigan typically provide these congroundwater to their stream flows. Such streams are established trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from year nditions due to substantial contributions of
SCA	Potential Old Growth Areas	This category contains stands were identified for a broad range of database as stand condition 8 as potential old growth (POG). A identified through the Operations Inventory (OI)/Compartment Re 2008 and forward, potential old growth is managed for the identified the Biodiversity Conservation Planning Process (BCPP) and give an ERA, HCVA, or other type of SCA) and is released from the preleased from the potential old growth designation via the Comparation.	approximately 310,000 acres have been eview process. For stands in Year of Entry ed objective until it is: 1) vetted through a specific designation and objective (as otential old growth designation; or 2) it is