Appendix F: Wetland Plot Sheets

(Template source: Clarkson et. al., 2004)



Table 3: Wetland Plo	t Sh	eet									
Wetland name: Reil we Plot size (2m x 2m default Field leader: John To)! 4	· M2	Altit		08/5/ 201 Reedl	/12 m and		Plot no: GPS/GR: Composition:	1 Typho	•	
Canopy (bird's eye		Subo	апору			Groui	adcover	<u> </u>			
Species ¹ (or Substrate)	%	H	Species	Species % H				Species		%	H
Typha oristali	70	3~	Galin	ntrib	aban.	25	.70		i		-
· · · · · · · · · · · · · · · · · · ·	<u> </u>		June	u pau	cit bour	30	1.00				
				sland	1 1	1 .	.60				
			Ramino	1	- 4		.20				
			Hydroc			1	50				
			· Marie	arigue.	(N-DIXIM	A 10	.,,				
	•		<u> </u>	<u>.</u>			-				
1 % = % cover: total canopy	% co	ver =	100%; H	= maxin	num heig	ght in	m; in	dicate introduced s	species by	*	
Additional species in vice Markha Bucula Comments:	inity	in sa	•					np., Ulex			J
Indicator (use plot data o	• -		%	Score	0-52	Spe	cify &	& Comment		<u>.</u>	
Canopy: % cover introduced	_		0	5							_
Understorey: % cover introd			40	3				<u> </u>			
Total species: % number intr			00	3							\neg
Total species: overall stress/o		·	NA	5	,						\neg
Total plot condition inde			NA	16/	20						\neg
25=0%: none, 4=1-24%: very	low,	3=25	-49%; lo	w, 2=50	-75%: n	ıediur	n, 1=7	76-99%: high, 0=1	00%; very	/ high	 1

Add subcanopy and groundcover % cover for introduced species

Field	measur	ements:
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777	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Water table cm	5	Water conductivity uS (if present)	Not neumal
TTT (TT	lula 1		
Water pH (if present)	Not mouned	von Post peat decomposition index	N/#
		The state of the s	ן ייעי ן

Soil core laboratory analysis (2 soil core subsamples):

Water content % dry weight	19.6	Total C %	16
Bulk Density This a/m L	0.63	Total N %	1.01
pH	5.5	Total P mg/kg	587
Conductivity ws m S/cm	0.18		

Foliage lab	oratory analysis (leaf/culm sampl	e of dominant ca	anopy species):	
Species	2.1	%N	0.19	%P	-
· ·					

Wetland name: Plot size (2m x 2m de Field leader:	Lwent	Jellan 4 m²	Altit	ude:	20, 20, Rushi	∽ ′		Plot no: GPS/GR: Composition:	2 Isol	eps	
Canopy (bird's eye view)			Subcanopy					Groundcover			
Species¹ (or Substrate	e) %	H	Species	s		1%	Н	Species		%	H
	·		1	7	*	-	_	- , -		<u> </u>	
:			Jumes	et	usu, T	10	•70	A	itea	90	.կ0
				1				Rummules ref	ens"	10	.10
								Galum Ynl	4		.10
			· · ·			-		1 6	114	2	
			 -					Lotus peduru	Marys .	٤	.20
	-		_					Montha xp	oer to	1_	-30
								Holas lan	Xux	3	.30
								H L M L			
					<u>. </u>	-	.	Mydrocoty	erange	1	10
% = % cover: total can	ony % co	ver = 1	00%· H	= max	rimum hai	oht in	<u>:</u>	, , , , , ,			.10
Additional species in avenue Ap. Comments: Indicator (use plot da			· %		re 0-52		,	Comment &			
Canopy: % cover introdu	iced speci	ies	100	<u> </u>	7						
Understorey: % cover in	troduced	spp ³	100	-	11.						-
Total species: % number	introduce	ed spp	62		7	<u>.</u>			<u> </u>		\dashv
Total species: overall stre	ess/diebac	ck	· NA		3	7.		sic b	<u> </u>		\dashv
Total plot condition i	ndex /20		NA	9	20		() 3 - 29 - 9	neep		
² 5=0%: none, 4=1-24%: ³ Add subcanopy and ground Field measurements	undcover	, 3=25- % cove	49%; lo er for int	w. 2=:	50-75%: n	nediur	n, 1=7	7699%: high, 0=1	00%; ver	y high	i
Water table cm	1.	3	-	Wat	er condu	ctivit	v uS	(if present)	et ma		7
Water pH (if present)	~ KVI	1eun	red		Post peat			· · · · · · · · · · · · · · · · · · ·	N/A	<u> </u>	
Soil core laboratory	analye	is () s	o:1 oou	مادده د					-7.33		—'.
Water content % dry v	veight	15 (2 5	L G	Subs	Total C		···	70	. 7		
Bulk Density T/m³	ML		0.37		Total N				1.2 81	 :-	\dashv
pH 0			5.5	·	Total P		g		73		-
Conductivity uS							_		<i>+</i>		
		KN	meund	w					+3		\neg
Foliage laboratory a	nalysis						cano	inv species).	<u>+5</u>		

Table 3: Wetland Plot Sheet

Field leader: John	lt): 👍	MZ	Date Altit Stru	: 08/09 ude: 2 cture: Le	On.		Plot no GPS/C Comp			امها	,
Canopy (bird's eye	view	7)		Subcano	ру			Groun	dcover	· -	
Species ¹ (or Substrate)	%	H	Specie	S	1 %	H	Species			%	E
Indea greatalis	10	2.5	Tonlo	pis prolif	4	290		<u> </u>	 .		-
U		-	1 1	lanation	V .	40			 .	-	
			()	ulus Nepe	¥ .	.30			<u>.</u>	-	
	-	_	1 1	, ,	<u>^S </u>	1					
	+		C 1-	<u>pedurula</u>	<u>w 1</u>	.30				-	
	-		CTOUND I. I. II	Molum	× 2	7 7 7			<u> </u>		
	_		<u>Mpilob</u>	m cilianto	1 3	<u> .90</u>	· · · · ·			-	
	ļ		Hrun	nodiflow	~ 5	40					
1 % = % cover: total canopy	1. [·		1		1					
		exta —				(0)	ngs	Su.	mlor Kyzlu	sta.	V
Indicator (use plot data of	only)		(R),	Pterido Score 0-5			Corpor Am & Comm		mbor Kyzylu	sta.	V
Indicator (use plot data of Canopy: % cover introduced	only) d speci	es							mlor	to,	-
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced	only) d speci duced s	es spp³	% 0 10	Score 0-5					mlor Kyzyla	str.	V
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Total species: % number int	only) d speci duced s troduce	es spp ³ ed spp	% 0 10 76	Score 0-5					mbor Kyzylu	sta.	
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Total species: % number into Total species: overall stress/	only) d speci duced s troduce /diebac	es spp ³ ed spp	% 0 10 76 NA	Score 0-5 5 4 2 5					mlor Kyyylu	No.	
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Total species: % number into Total species: overall stress/ Total plot condition inde	only) d speci duced s troduce /diebac ex /20	es spp ³ ed spp	% 0 10 76 NA NA	Score 0-5 5 4 2 5 16/2 0	Spe	ecify &	& Comm	ent			
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Total species: % number int Total species: overall stress/ Total plot condition index 25=0%: none, 4=1-24%: ver 3Add subcanopy and ground Field measurements:	only) d speci duced s troduce /diebac ex /20 ry low,	es spp ³ ed spp ek	% O IO NA NA NA	Score 0-5 5 4 2 5 16/20 w. 2=50-759	Spe	ecify &	& Comm	ent			
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Total species: % number int Total species: overall stress/ Total plot condition index 25=0%: none, 4=1-24%: ver and subcanopy and ground Field measurements: Water table cm	only) d speci duced s troduce /diebac ex /20 ry low, lcover	ed spp ek 3=25 % cov	% O IO NA NA NA i-49%; lo	Score 0-5 5 4 2 5 16/20 w, 2=50-75% roduced spec	Spo : medicies	ity uS	& Comm	nigh, 0=1	00%; ve		
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Total species: % number into Total species: overall stress/ Total plot condition independent of the Total plot conditi	only) d speci duced s troduce /diebac ex /20 ry low, lcover	ed spp k 3=25 % cov	% O IO NA NA NA i-49%; lo	Score 0-5 5 4 2 5 16/20 w, 2=50-759 roduced spec	Spo : medicies	ity uS	& Comm	nigh, 0=1	00%; ve	ry high	
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Understorey: % cover introduced Total species: % number into Total species: overall stress/ Total plot condition indo 25=0%: none, 4=1-24%: ver 3Add subcanopy and ground Field measurements: Water table cm Water pH (if present)	d speci duced s troduce /diebac ex /20 ry low, lcover	es spp³ ed spp ek 3=25 % cov	% O 10 NA NA NA i-49%; lo yer for int	Score 0-5 5 4 2 5 16/20 w, 2=50-759 roduced spec Water convon Post p	Special Specia	ity uS	& Comm	nigh, 0=1	00%; ve	ry high	
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Understorey: % cover introduced Understorey: % cover introduced Total species: % number into Total species: overall stress/ Total plot condition inde 25=0%: none, 4=1-24%: ver 3Add subcanopy and ground Field measurements: Water table cm Water pH (if present) Notation in the Canada Subcanopy and ground Field measurements: Water table cm Water pH (if present) Notation in the Canada Subcanopy and ground Soil core laboratory and Water content % dry weight	d speci duced s troduce /diebac ex /20 ry low, lcover	es spp³ ed spp ek 3=25 % cov	NA NA NA i-49%; lo yer for int	Score 0-5 5 4 2 5 16/20 w, 2=50-759 roduced spec Water convon Post per subsample subsample Tota	Special Specia	ity uS	& Comm	nigh, 0=1	00%; ve	ry high	
Indicator (use plot data of Canopy: % cover introduced Understorey: % cover introduced Understorey: % cover introduced Total species: % number into Total species: which was a species overall stress. Total plot condition index of 25=0%: none, 4=1-24%: ver of 3 Add subcanopy and ground Field measurements: Water table cm Water pH (if present) Soil core laboratory and Water content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and was a species of the content % dry weig Bulk Density Thin 3 and the content % dry weig Bulk Density Thin 3 and the content % dry weig Bulk Density Thin 3 and the content % dry weig Bulk Density Thin 3 and the content % dry weig Bulk Density Thin 3 and the content was a species of the content % dry weig Bulk Density Thin 3 and the content % dry weight % dry weight the content % dry weight % dry weight % dry weight	d speci duced s troduce /diebac ex /20 ry low, lcover	es spp³ ed spp ek 3=25 % cov	NA NA NA i-49%; lover for int soil core 1).50 0.48	Score 0-5 5 4 2 5 16/20 w, 2=50-75% roduced spectors with the subsample subsample Tota Tota	s: mediu	ity uS	& Comm	nigh, 0=1	00%; ve	ry high	
Canopy: % cover introduced Understorey: % cover introd Total species: % number int Total species: overall stress/ Total plot condition inde 25=0%: none, 4=1-24%: ver 3Add subcanopy and ground Field measurements: Water table cm Water pH (if present) Soil core laboratory and Water content % dry weig Bulk Density This	d speci duced s troduce /diebac ex /20 ry low, lcover	es spp³ ed spp ek 3=25 % cov	NA NA NA i-49%; lo yer for int	Score 0-5 5 4 2 5 16/20 w, 2=50-75% roduced spectors with the subsample subsample Tota Tota	Special Specia	ity uS	& Comm	nigh, 0=1	00%; ve	ry high	

Table 3: Wetland Plo Wetland name: Kill Plot size (2m x 2m defau Field leader:	wy G	Teti m	Date: 09 Altitude: Structure:	65/17 20m Read I	2 and		Plot no: GPS/GR: Composition:	4 Eleo	ela	re!
Canopy (bird's eye	view)	Sub	canopy	-		Grou	ndcover		
Species ¹ (or Substrate)	%	H	Species		%	H	Species	·	%	H
)	12	1	77	- J	-	-		·		⊢

Canopy (bird's eye	view	')	Subcanopy			Groundcover			
Species ¹ (or Substrate)	%	H	Species	%	Н	Species	%	F	
John orientalis	3	34	Bleodroin acuto	90	.90		·	┞	
N			Boildun aliatut	10.	R			ļ.	
	_		Golin toldrem	30	.50				
			Hydrocot te pterocuy	.20	٥2.				
			Lotus peduratatus*	3	.50	· · · · · · · · · · · · · · · · · · ·			
			Bedre yenes	2	1.20				
	_		Am nodifloring	10	.90			<u> </u>	
% = % cover: total canopy			Horsto Sometim		-80				

tal canopy % cover = 100%; H = maximum height in m; indicate introduced species by *

Additional species in vicinity in same vegetation type:

Indicator (use plot data only)	%	Score 0-52	Specify & Comment
Canopy: % cover introduced species	0	5	
Understorey: % cover introduced spp ³	30	3	
Total species: % number introduced spp	44	3	
Total species: overall stress/dieback	NA	5	
Total plot condition index /20	NA	16/20	

²5=0%: none, 4=1-24%: very low, 3=25-49%; low, 2=50-75%: medium, 1=76-99%: high, 0=100%; very high ³Add subcanopy and groundcover % cover for introduced species

Field measurements:

Water table cm		0	Water conductivity uS (if present)	at	N/Br	
Water pH (if present)	 	meunal	von Post peat decomposition index	<u>//</u>	- tw	

Soil core laboratory analysis (2 soil core subsamples):

Water content % dry weight		Total C %	32.90
Bulk Density This a/m L	0.23	Total N %	2-38
pH 0	5.6	Total P mg/kg	868
Conductivity uS	Not neumed		

Foliage labor	atory analysis (lea	af/culm sam	ple of dominant	canopy species):	
Species	2.3	%N	0.18	%P	