

Brewers Blackbird Surveys

DRAFT

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland T-42-45 - Brewer's Blackbird UTM Map no.: _____

Date: 18/06/2012 Observer: SKM

Wind (Beaufort scale): 1 Sky: fog Precipitation: none Temp: 18°C

Comments: dense fog but high bird activity - almost no wind
visibility ~ 200m in last night

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting										
UTM Northing										
Time of visit	0547	0602	0619							

WP 713 714 715

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	INBU	1	1					
	SOSP	1	1					
	WOTH		1	1				
	AMGO							
	YNWA	1						
	GCFE							
	CDW	1						
	RWBL	1	1					
	BCH		1					
	AMRO			1				1
GRCA							1	
2	EWPE	1						
	REVI	1						
	RWBL		1					
	SOSP		1					
	BAOR		1					
	INBU		1					
	AMRO			1				
GRCA		1						

Area searched - RBGR 1
 AMGO 1

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
0602	2 (cont)					1		
	AMGD							
	BCEH						1	
	VWJA				1			
0619	3							
	BAOR	1						
	SO SP	1						
	VWJA	1						
	INBU	1						A
	COYE		1					
	JAVI		1					
	GCFE		1					
	VESP		1					
	WOHI		1					
	REVI		1					
	WRNJU		1					
	COGR		1					
	GRCA		1					
	VBCU		1					
	BHCO					1		
	AMRO				1			A
	RWBL				1	1		+

S.L. 0
POD

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Area Search HowR
BLJA

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Area = 1300m x 39m UTM Map no.: _____

Date: 18/06/2012 Observer: SCM - Bird survey

Wind (Beaufort scale): 0 Sky: Cloudy Precipitation: none Temp: 18 °C

Comments: log has been 20m above - visibility
~ 500 m

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting										
UTM Northing										
Time of visit	0718	0735								

WP 716 717

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	VEER	1						
	HOWP	1						
	COYE							
	FWPE							
	SCFE							
	NOCA							
	INBI							
	WOTV			1				
	VEEP			1				
	AMCR			1				FY
	GRHE			1				
	SOSP			1				
Field →	HOLA			1				
	CATO			1				
	OUGN			1				
	NOFL			1				
	COYO							OB

Area Search EATO 11

10:25 AM on 2/11

0735

*20:00
15:00
STN*

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
2	WOTH							
	SOSP							A
	BHCO							
	BLJA							A
	OVEN							
	EATO							
	ROYC							
	FSP							
	LWR							A
	RBBK							
	INBO							
	RGLI							A
	AMGO							

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Area Search - RWBL 11

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland - 28^{Area-sensitive} and survey UTM Map no.: _____

Date: 18 / 06 / 2022 Observer: SKM

Wind (Beaufort scale): 1 Sky: clear Precipitation: none Temp: 18 °C

Comments: early fog has turned off to a large extent - visibility > 1 km (still misty in some areas)

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting										
UTM Northing										
Time of visit	<u>0839</u>									

Sarah's WP
P

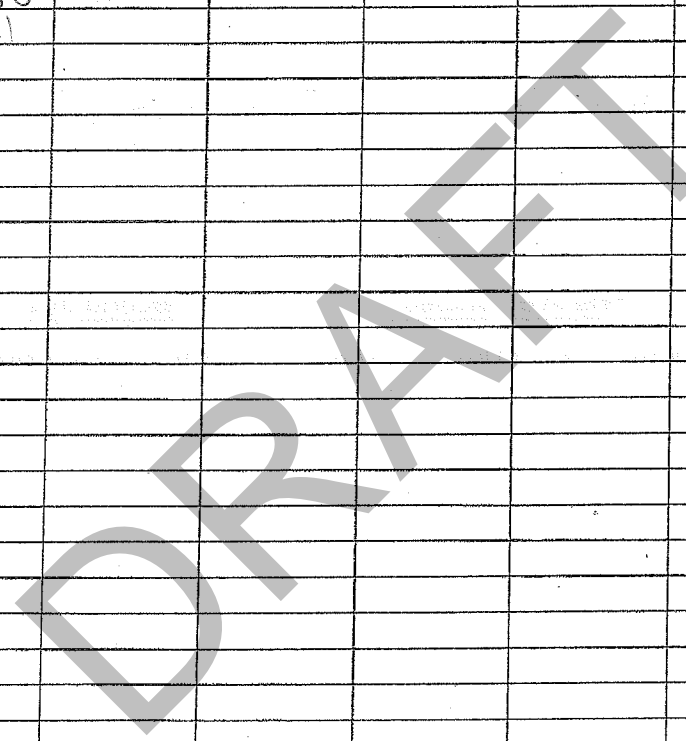
↑
5500 →
of front
Area
Search
(along
N side)
↓
same area
search

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
	SCTA							
	RBGR		1					
	SOBP	1				1		
	BGR	1						
	COGR							
	BCCW							
	BHCO			1				
	WAVI			1				
	GRCA			1				
	TRSP			1				
	HOLA							
	AMCR					1		
	RELI					1		
	SCTA		1			1		
	OVEN		1					
	EWPE							
	GRCA		1					
	BHCO	1						
	BCCW							

Second
(SCTA singing to W - first singing to SE)

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	MOWA		1					
	INBU		1					
	RCV1		1					
	SOSP	1	1					1A
	AMCR			1				
	BCEI				1		1	
Pull	KIU						1	
	AMGO				1			
Pull	VESP						1	
	AMGO					1		0
	WBNU					1		0
	BEKI					1		0

0839
 can hear
 to both
 ends of
 forest
 tower



Appendix 3. Sample data sheet for ten-minute point counts

Brewer's Blackbird Survey

Location (Site Name): Northland north of T-26 UTM Map no.: _____

Date: 18/06/2012 Observer: SKM

Wind (Beaufort scale): 2 Sky: clear Precipitation: none Temp: 20°C

Comments: _____

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting										
UTM Northing										
Time of visit	0915	0929	0945	0959						

WP 729 728 727 726

Stn	Species Code	First five minutes			Second five minutes			Total	
		0-50m	51-100m	>100m	0-50m	51-100m	>100m		
1	COYE	1						T	
	HOWR		1						
	AMRE	1					1		
	VESP		1						
	SOSP	1							
	YWA		1	1					
	GRCA	1							A
	INBO	1							
	REVI			1					
	BHCO	1							
WBNU					1				
2	REVI	1	1					A	
	SOSP	1	1						
	YWA	1							
	CSGR	1	1						
	WBNU	1							F
	COYE		1						
	AMGO		1						
BHCO	1								

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
2	MODD							
	AMRO							
2	LEPL							A
	GRCA							A
0945	3	YQWA	11 ♀+♂					PF (A)
		SOSP						A
		AMRO						A
		INBO						A
		AMGO						A
		LEPL						A
		REVI						
		BHCO						A
		GRCA						
		NOFL						
0959	4	GRCA						
		SOSP						
		REVI						
		AMRO						
		YQWA						T
		WAVI						
		CAW						PF
		BOBO						
		MODD						
		GCFZ						
		RWBL						A
		BHCO						

0945
group of birds
singing

0959

in wheat field
adjacent

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Area Search - CHSP

Appendix 3. Sample data sheet for ten-minute point counts

T29-32

Location (Site Name): Northland Area - Sensitive Birds UTM Map no.: _____

Date: 19 / 06 / 2012 Observer: Sarah Mainy

Wind (Beaufort scale): 2-3 Sky: clear Precipitation: none Temp: 14°C

Comments: occasional stronger gusts

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting										
UTM Northing										
Time of visit	0534	0551	0618	0633	0659	0722	0748			

Waypoint T32 T33 T34 T35 T36 T37 T38

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	REVI	111				1		1
	WOH		11					2
	AMCR							0
	WITU	1						1
	SOSP	1						1
2	EAPH							
	REVI	1						1
	WITU	1						1
	INBU		1					1
	COYE		1					1
	AMCR							0
3	SOSP					1		1
	GRCA	1						1
	INBU			1				1
	AMCR			1				1
	VEER			1				1
	EWPF		1					1
OVEN			1				1	

same as calling

Area Search RBWO
NOFL

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
0618	3cont							
	AMGO							
	HAWR							
	REVI							
0633	4							
	OVEN							
	REVI							
	AMCR							○
	AMRO							A
	UNWD							
0659	5							
	REVI							
	HAWR							
	SOSP							A
	AMRO							A
	GCFE							
	COYE							
	BLSA							
	WOTH							
0722	6							
	RBGR							A
	HAWO							
	INBW							
	AMGO							○
	AMRO							A
	REVI							
	SCFA							
0748	7							
	EWPE							
	GCFE							
	WOTH							
	REVI							
	OVEN							
	RBGR							
	BHCO							
	HAWO							
	BGEN							SF
0810	8							
	OVEN							
	WOTH							
	GCFE							
	REVI							
	UNWD							
	BHCO							
	AMGO							SF

limited + out of forest at ~ 0830 - walked back along edge

Area search - WCFR ||| HAWO 1
 - all 6 at stn 7 exc. 1 OVEN || RTHA 1 - also YBSA 1 A

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland T-21 UTM Map no.: _____

Date: 19/06/2012 Observer: SKM

Wind (Beaufort scale): 3 Sky: clear Precipitation: none Temp: 25°C

Comments: Brewer's Blackbird and warbler monitoring survey

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting										
UTM Northing										
Time of visit	0915	0928	0940	0958						

Waypoint 735 736 737 738

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	WIFL		1					
	INBO	1						
	WAVI	1	1					
	AMRO	1				1		A
	RWBL		1					
	BHCO	1						
	YWA							
2	SOSP	1						
	RWBL	1	1					A
	SOSP	1						A
	WAVI	1						
3	YWA	1						
	SOSP		1			1		
	BHCO		1					
	AMRO		1					
	INBO			1				
	RWBL					1		

0940

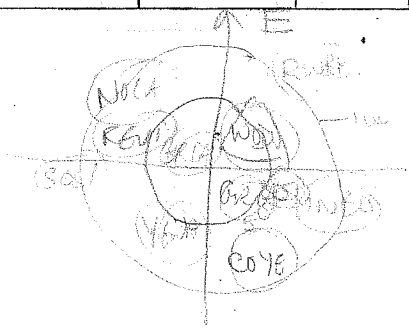
Stn	Species Code	First five minutes			Second five minutes			Total	
		0-50m	51-100m	>100m	0-50m	51-100m	>100m		
4	RCW	11						NY	
	WOODU	1							
	GRFR	11	1						
	SO SP		1						
	INBU		1						
	ANRO			1					
	YAWA	1							
	GRCA	1				1			A
	RWBL		1						
	COYE					1			
	NOCA					1			
		Area Search							
	NOCA	1							

0958

leaves activity here

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Marsh monitoring played at 0955
 Area Search - COYW (on way back)



Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland T43-45 UTM Map no.: 17T (?)

Date: 29/05/2012 Observer: SKM

Wind (Beaufort scale): 3 Sky: cloud 30% Precipitation: none Temp: 21 °C

Comments: Dense CW + CUT along large main - possible
Brewer's habitat - power lines cross here
solar panel makes access point

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	440575	440330	440066							
UTM Northing	479696	479701	479708							
Time of visit	0538	0553	0608							

Waypoint 713 714 715

some
basswood
ash,
apple,
juniper
sumac

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	INBU	1						SM
	MODD		1					SM
	FISP							SM
	RWBL		1		1			A
	AMGO	1						SM
	BCCA		1					SM
	GRCA	1						SM
	EAKI							SM
	Toads (2 ind)	1		1				VD
	SOSP		1					A
	RBGR	1						SM
	HOWR						1	SM
	2	RBGR	1	1				
HOWR		1						
WVA		1						
SOSP		1	1					T
SWTH		1						
COYE			1					
VEEP			1					

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1/99
1/100

weird horizon for SOSP
 pushed 30° print another 30 m so
 a good band of drain to W (100 m)

↑ highest
 including
 1/100

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
2	AMCR						1	0
2	AUST	1						
2	AMGD					1		
2	BHCO		1					
2	REVI					1		
3	GRCT							A
	RWBB		1					A
	HOWR							
	INBD		1					
	YAWA		1					
	SOSP	1						A
	RBGR		1					
	GCFE			1				
	BHCO	1						
	REVI					1		
	EWPE						1	
	COBR							CF

06/06

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Area search - between points
 CFWW 1
 REVI 1

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland T39 UTM Map no.: _____

Date: 29/05/2012 Observer: Sarah Mainbury

Wind (Beaufort scale): 1 Sky: clear Precipitation: none Temp: 25 °C

Comments: interior bird habitat survey
wind died to 0 during point count

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	442903	443151								
UTM Northing	4797532	4797651								
Time of visit	0653	0708								

Waypoint 716, 717

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	OVEN	1	1	1				
1	REWI	1						
1	WOTH	1						
1	GCFE							
1	HAWO						1	
1	ALFL			1				
1	BHCO						1	
1	WITU							
1	HOWR							A
1	COYE			1				
1	FISP							
1	BAOR					1		
1	SOSP					1		
2	VEER	1						
2	WOTH		1					
1	HOWR							
1	GCFE		1					
1	INBU	1						
1	ALFL			1				

Poplars forest
to
opp edge NW

Area Search - COYE
AMRE
BWWA (olive-winged)
INBU
- 2 birds on edge

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
	OVEN		1					
	NOFL	1						
	SOSP	11						A
	BAOR	1				1		A
	REVI					1		
edge	FISP				1		(check notes)	A
	AMCO					1		
	BHCO						1	
	RBGR					1		
	Green frog							
	BLJAO					1		
	WJPE					1		

5708
CUM
edge
Picket
nearest
edge

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Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland nr. T-47+33 UTM Map no.: _____

Date: 29/05/2012 Observer: SLM

Wind (Beaufort scale): 1-2 Sky: clear Precipitation: 0 Temp: 25 °C

Comments: rich deciduous forest - mature forest interior habitat survey

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	443396	443137	442877	442618	442359	442100				
UTM Northing	4799458	4799422	4799386	4799350	4799314	4799278				
Time of visit	0803	0823	0847	0909	0927	0946				

Waypoint 718 719 720 721 722 724
 delayed = 3

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	VEGR		1					A
	OVEN		1					
	RAVI		1	1				T
	RBGR	1						
	WOTH		1					
	AMCR							
	GCFL						1	
	YTVI				1			
2	RAVI	1	1					
	GCFL	1						A
	WOTH		1					
	RBGR		1					
	VEGR	1						A
	GWPE		1					
	AMCR	1						
	BRCR		1					
	WOTH		1					
	BHCO		1					
OVEN						1		

ephaeal
 probr
 rslw

Overstorey
 understorey

little overcast, some light rain, slightly cloudy
 (off eastward rd)
 in flowering -

Strn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
2	CAWA						1	SM
2	WTVI					1		SM
3	REVI	11				11		SM
3	OVEN		1	1				T
3	WOTH	1						A
3	BGGN		1					SM
3	GCFE		1					SM
3	SOSP		1					SM
3	BHCO				1			SH
3	AMGO		1					0
3	HAWO				1			SH
3	COGR		1					0
4	SOSP		1					SM
4	REVI		11					T
4	HOWR	1				1		SM
4	AMCR						11	0
5	REVI	1			1			0
	AMCR			1				0
	AMGO							0
	HOWR		1					SM
	GCFE						1	
	INBU							SH
	COGR							FS
6	SWPE	1						SM
	AMCR			1				0
	REVI		1					
	GRCA				1			
	GCFE				1			A
	WITU				1			NY
	OVEN				1			

0833
0847
lush
swamp
forest
0909
drier
edge
habitat
0927
lots
of
poplar
in
overstory
here
wind
1-2
0946

DRAFT

Area Leach -
 → AMRE 1 BWWA 1 - edge
 HOWR 1
 CAWA increase to 442981 | 4799385 (single point in 0.10m)

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland - Property next to T26 UTM Map no.: _____

Date: 30/05/2012 Observer: SKM spe

Wind (Beaufort scale): 0 Sky: clear Precipitation: none Temp: 13 °C

Comments: Survey for Brewer's Blackbird

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	442894	442843	443095	443349						
UTM Northing	480299	480297	480295	480292						
Time of visit	0515	0532	0550	0605						

waypoint 726 727 728 729

Young
ash &
choke
cherry

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	Y6WA	1	1					
	SOSP	1						
	AMRO		1					
	GRCA	1	1					
	WAVI		1					
	RWBL				1			
	COYE	1						
	AMRE		1					
	BCCH		1					
	MALL					1		
2	LEH	1						1
	BAOR	1		1				
	SOSP	1					1	
	Y6WA	1		1		1		
	WAVI		1					
	HOWR			1				
	REVI		1					
AMRO					1			

Area Search

- WIFL 1
- EAKI 1
- CEBW 1
- BHCO 1
- BGBN 1

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
3	LEFL	1						
	GRCA	11						A
	COYE		1					
	YHQA	1	1					
	INBU		1					
	SOSP	1						A
	BGGN				11			
	RHCO					11		F
4	BRTH	1	1					
	HOWR	1	1					
	SOSP	11						A
	YHJA	1						
	EUST	1111						F
	DOWO	1						
	MODO		1					
	WAVI		1					
	RAVI				1			
	INBU				1			
AMRE					1			

0505

0605
dense
corstal
with ash
along edge

DRAFT

WIFL 1

do one more from Pepper Road if time

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland - adjacent to T-27 UTM Map no.: Forest-interior

Date: 30/05/2012 Observer: SKM

Wind (Beaufort scale): 0 Sky: clear Precipitation: none Temp: 15 °C

Comments: Forest interior bird survey

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	443939	443976								
UTM Northing	4802379	4802195								
Time of visit	0640	0653								

wp 730 731

Young decid forest - poplar etc.

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	WOZH	11						
1	COYE	1			1			
1	AMRE	1	1					
1	WBND	1						
1	REVI	1	1					
1	BHCO	1						
1	HOWR	1						
1	GRCA	1						A
1	CHSP							
1	AMRO	1						0
1	BCCH				1			
1	BLJA					1		
2	GRCA	1						
	AMCR			1				
	CHSP	1						
	HOWR		1					
	REVI		11					
	BHCO							
	COYE				1			
	GCFE							
	AMRO							

Young poplar here too

Appendix 3. Sample data sheet for ten-minute point counts

466
250
216

Location (Site Name): Northland nr. T-29 UTM Map no.: _____

Date: 30/05/2012 Observer: SKM

Wind (Beaufort scale): 0 Sky: clear Precipitation: 0 Temp: 15°C

Comments: continued point counts for interior - forest birds within this large forest block

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	442985	442898								
UTM Northing	4800394	4800181								
Time of visit	0719	0741								

Waypoint 732 733

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	REVI	11	1					T
	GCFL	1						SH
	BLJA							SH
	HOWR		1					SH
	AMRO	1						
	SBSP	1						
	AMCR							
	INBU							SH
	PIWO							
	BCCFI					1		
2	REVI	1	1					
	COYE		1					
	SBSP	1	1					
	WOTH		1					
	DOWD		1					
	AMGO		1					
	AMCR							
	edge VESP			1				SH
AMRO								

Appendix 3. Sample data sheet for ten-minute point counts

Location (Site Name): Northland Adj. to T-21 UTM Map no.: _____

Date: 30/05/2012 Observer: SKM

Wind (Beaufort scale): 1-2 Sky: clear Precipitation: 0 Temp: 17°C

Comments: Brewer's blackbird survey along drainage
marsh monitoring survey in marsh at top

Point Count Station

	1	2	3	4	5	6	7	8	9	10
UTM Easting	442684	442944	443184							
UTM Northing	4804238	4804250	4804337							
Time of visit	0812	0834	0850							

Waypoint 735 736 737

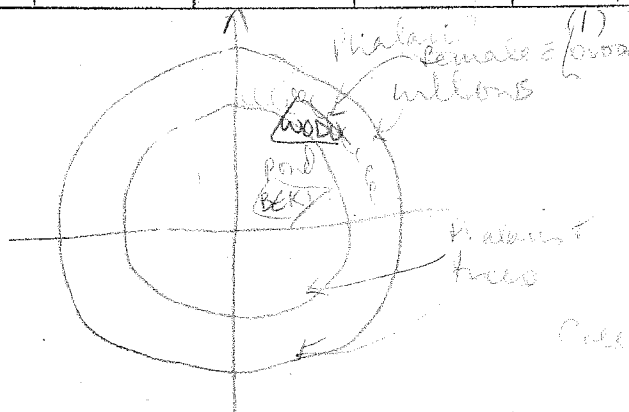
wp
734
at
road

narrow
waterways
with
scattered
Morus
- shrubs

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
1	BAOR	1						
	COGR	11						
	MOBO	1						
	AMRO	1			1			
	WAVI		1					
	REVI		1					
	BamSw		1					
	COYE		1					
	YVWA		1					
	BHCO	1						
	EVST		1					
	COGR				11			
	EWPE				11			
	RWBL					1		

Area Search
OROR

Stn	Species Code	First five minutes			Second five minutes			Total
		0-50m	51-100m	>100m	0-50m	51-100m	>100m	
0834 open hybrid poplar + shrubs here & some ash	2 RWBL							T
	COYE							F
	YWA							
	COGR							F
	AMRO							
	EUST							
	VESP							
	SPSA							
	AMRO							A
2 AMGD								
BRTH								
0850	3 AMGD							
	SOSP							A
	YWA							
	AMRE							
	EUST							
	VESP							
	RWBL							
	BHCO							
	COGR							F
	INBU							
PUMA								
MODD								
0907 at pond	4 RWBB							
	YWA							
	EUST							
	AMRO							
	EWPE							
	SOSP							
	Green Frog							
	TRSW							
	EAKI							A
	BAOR							
	AMGD							
	RWBL							
	PUMA							
	Bank Sw							
COGR							F	
GCFZ								



Muskat female = (1) (NY) started
 Muskat calls heard
 Green frogs all around pond
 Muskat
 @ 0918
 bird