

## APPENDIX B

## Appendix B. Carcass finds

Date	Year	Turbine	Zone	Find status	Class	Species	Distance to turbine (m)	Road Pad	Visibility	Carcass condition
04/17/13		44	Interior	Incidental	L	Red-tailed Hawk	NR		1	NR
05/01/13		54	Interior	Incidental	Bat	Silver-haired Bat	NR		1	NR
05/02/13		2	River	Incidental	Bat	Silver-haired Bat	NR		1	NR
05/13/13		2	River	Incidental	L	Red-tailed Hawk	NR		1	NR
05/22/13		3	River	Incidental	Bat	Silver-haired Bat	31		1	Fresh
05/24/13		16	Interior	Incidental	L	Turkey Vulture	49		1	Decaying
05/29/13		44	Interior	Incidental	L	Turkey Vulture	47		3	Decaying
05/29/13		44	Interior	Incidental	Bat	Unidentified bat	36		1	Decaying
05/31/13		10	Interior	Incidental	Bat	Eastern Red Bat	47		1	Fresh
05/31/13		10	Interior	Incidental	Bat	Silver-haired Bat	50		1	Decaying
05/31/13		44	Interior	Incidental	L	Red-tailed Hawk	17		2	Decayed
06/03/13	Y1	25	Interior	Survey	Bat	Hoary Bat	23	Yes	1	Decayed
06/03/13	Y1	33	Lake	Survey	Bat	Hoary Bat	13	Yes	1	Fresh
06/04/13	Y1	52	Lake	Incidental	Bat	Little Brown Bat	8		1	Fresh
06/05/13	Y1	2	River	Survey	Bat	Little Brown Bat	50	Yes	1	Decayed
06/05/13	Y1	34	Interior	Incidental	Bat	Silver-haired Bat	3		1	Fresh
06/10/13	Y1	10	Interior	Survey	Bat	Silver-haired Bat	63	No	1	Fresh
06/10/13	Y1	10	Interior	Survey	Bat	Little Brown Bat	50	No	1	Decayed
06/10/13	Y1	10	Interior	Survey	Bat	Silver-haired Bat	16	No	1	Decaying
06/10/13	Y1	49	Interior	Incidental	Bat	Little Brown Bat	3		1	Fresh
06/11/13	Y1	48	Interior	Survey	Bat	Silver-haired Bat	7	No	1	Decaying
06/11/13	Y1	48	Interior	Survey	Bat	Silver-haired Bat	9	No	1	Decaying
06/17/13	Y1	11	Lake	Survey	Bat	Silver-haired Bat	41	No	1	Fresh
06/18/13	Y1	35	Interior	Incidental	S	Belted Kingfisher	12		3	Decaying
06/19/13	Y1	48	Interior	Survey	Bat	Silver-haired Bat	33	No	2	Decaying
06/19/13	Y1	48	Interior	Survey	Bat	Silver-haired Bat	23	No	2	Decaying

Appendix B, continued. Carcass finds

Date	Year	Turbine	Zone	Find status	Class	Species	Distance to turbine (m)	Road Pad	Visibility	Carcass condition
06/19/13	Y1	48	Interior	Survey	Bat	Little Brown Bat	45	No	2	Fresh
06/19/13	Y1	49	Interior	Survey	Bat	Silver-haired Bat	14	Yes	1	Decaying
06/20/13	Y1	52	Lake	Survey	Bat	Silver-haired Bat	22	No	2	Fresh
06/24/13	Y1	3	River	Survey	Bat	Silver-haired Bat	23	No	2	Fresh
06/24/13	Y1	11	Lake	Survey	Bat	Silver-haired Bat	6	Yes	1	Decaying
06/25/13	Y1	41	Lake	Survey	Bat	Hoary Bat	40	No	1	Decaying
07/01/13	Y1	6	River	Survey	L	Turkey Vulture	49	No	4	Decaying
07/01/13	Y1	10	Interior	Survey	Bat	Little Brown Bat	35	No	3	Decaying
07/01/13	Y1	11	Lake	Survey	Bat	Eastern Red Bat	46	No	2	Decaying
07/01/13	Y1	11	Lake	Survey	Bat	Big Brown Bat	33	No	2	Decayed
07/01/13	Y1	14	Interior	Survey	Bat	Silver-haired Bat	27	No	1	Decayed
07/02/13	Y1	41	Lake	Survey	S	Tufted Titmouse	40	No	3	Decayed
07/02/13	Y1	41	Lake	Survey	Bat	Silver-haired Bat	30	Yes	1	Decaying
07/02/13	Y1	44	Interior	Survey	Bat	Hoary Bat	32	No	1	Fresh
07/02/13	Y1	49	Interior	Survey	L	Cooper's Hawk	40	No	1	Fresh
07/02/13	Y1	56	Interior	Survey	Bat	Eastern Red Bat	7	No	1	Decaying
07/03/13	Y1	34	Interior	Survey	Bat	Silver-haired Bat	13	No	1	Decaying
07/03/13	Y1	46	Interior	Survey	Bat	Hoary Bat	14	No	4	Decaying
07/10/13	Y1	17	Interior	Incidental	Bat	Hoary Bat	6		1	Decaying
07/10/13	Y1	17	Interior	Incidental	Bat	Silver-haired Bat	8		2	Decayed
07/15/13	Y1	11	Lake	Survey	Bat	Little Brown Bat	2	Yes	1	Fresh
07/16/13	Y1	16	Interior	Survey	S	Mourning Dove	70	No	2	Feather Spot
07/16/13	Y1	25	Interior	Survey	S	Gray Catbird	45	No	2	Feather Spot
07/17/13	Y1	41	Lake	Survey	Bat	Hoary Bat	30	No	2	Decaying
07/17/13	Y1	44	Interior	Survey	Bat	Little Brown Bat	18	No	2	Fresh
07/24/13	Y1	56	Interior	Survey	Bat	Big Brown Bat	16	No	2	Fresh

Appendix B, continued. Carcass finds

Date	Year	Turbine	Zone	Find status	Class	Species	Distance to turbine (m)	Road Pad	Visibility	Carcass condition
07/24/13	Y1	56	Interior	Survey	Bat	Eastern Red Bat	9	No	2	Decayed
07/25/13	Y1	34	Interior	Survey	Bat	Big Brown Bat	29	No	4	Decaying
07/25/13	Y1	46	Interior	Survey	Bat	Hoary Bat	16	No	2	Fresh
07/31/13	Y1	56	Interior	Survey	L	Red-tailed Hawk	9	No	2	Fresh
08/08/13	Y1	44	Interior	Survey	Bat	Hoary Bat	1	Yes	1	Fresh
08/13/13	Y1	11	Lake	Survey	Bat	Eastern Red Bat	17	No	4	Decaying
08/13/13	Y1	11	Lake	Survey	Bat	Eastern Red Bat	11	No	4	Decayed
08/13/13	Y1	11	Lake	Survey	Bat	Eastern Red Bat	25	No	1	Fresh
08/13/13	Y1	41	Lake	Incidental	S	Bank Swallow	17		1	Decayed
08/14/13	Y1	44	Interior	Survey	S	Red-bellied Woodpecker	70	No	1	Feather Spot
08/15/13	Y1	48	Interior	Survey	L	Red-tailed Hawk	58	No	3	Decaying
08/19/13	Y1	16	Interior	Survey	S	Mourning Dove	49	No	2	Feather Spot
08/19/13	Y1	2	River	Survey	Bat	Eastern Red Bat	7	Yes	1	Decaying
08/20/13	Y1	46	Interior	Incidental	Bat	Hoary Bat	7		1	Fresh
08/21/13	Y1	44	Interior	Survey	Bat	Little Brown Bat	21	No	2	Decayed
08/22/13	Y1	52	Lake	Survey	Bat	Little Brown Bat	3	Yes	1	Decaying
08/28/13	Y1	6	River	Survey	S	Rock Pigeon	40	No	2	Feather Spot
08/30/13	Y1	48	Interior	Survey	Bat	Hoary Bat	13	No	4	Decayed
09/03/13	Y1	6	River	Survey	Bat	Eastern Red Bat	65	No	1	Fresh
09/04/13	Y1	41	Lake	Survey	Bat	Silver-haired Bat	35	Yes	1	Fresh
09/04/13	Y1	41	Lake	Survey	Bat	Eastern Red Bat	11	No	2	Decayed
09/04/13	Y1	41	Lake	Survey	Bat	Hoary Bat	40	No	1	Decayed
09/04/13	Y1	11	Lake	Survey	Bat	Eastern Red Bat	16	No	4	Decayed
09/10/13	Y1	16	Interior	Survey	L	Turkey Vulture	52	No	2	Decaying
09/10/13	Y1	25	Interior	Survey	Bat	Little Brown Bat	56	Yes	1	Fresh
09/12/13	Y1	48	Interior	Survey	Bat	Eastern Red Bat	2	Yes	1	Fresh

## Appendix B, continued. Carcass finds

Date	Year	Turbine	Zone	Find status	Class	Species	Distance to turbine (m)	Road Pad	Visibility	Carcass condition
09/16/13	Y1	11	Lake	Survey	Bat	Unidentified bat	16	No	4	Decayed
09/19/13	Y1	34	Interior	Survey	Bat	Little Brown Bat	8	No	1	Fresh
09/20/13	Y1	49	Interior	Survey	Bat	Little Brown Bat	15	Yes	1	Fresh
09/30/13	Y1	2	River	Survey	Bat	Silver-haired Bat	0.15	Yes	1	Fresh
10/02/13	Y1	41	Lake	Survey	Bat	Little Brown Bat	9	Yes	1	Decaying
10/07/13	Y1	10	Interior	Survey	Bat	Eastern Red Bat	27	Yes	1	Fresh
10/08/13	Y1	33	Lake	Survey	Bat	Hoary Bat	6	Yes	1	Decaying
10/08/13	Y1	33	Lake	Survey	S	Warbler sp.	31	No	2	Fresh
10/09/13	Y1	56	Interior	Survey	Bat	Eastern Red Bat	6	Yes	1	Decaying
10/15/13	Y1	10	Interior	Survey	S	Mourning Dove	0.15	Yes	1	Fresh
04/16/14	Y1	51	Interior	Incidental	L	Snowy Owl	45		1	Decaying
04/21/14	Y1	6	River	Survey	Bat	Big Brown Bat	23	No	1	Fresh
04/22/14	Y1	25	Interior	Survey	S	Swamp Sparrow	47	No	1	Fresh
05/27/14	Y1	3	River	Survey	Bat	Big Brown Bat	30	No	1	Decaying
05/27/14	Y1	14	Interior	Survey	Bat	Unidentified bat	32	No	1	Decaying
05/30/14	Y1	46	Interior	Survey	Bat	Silver-haired Bat	9	No	1	Decaying
06/02/14	Y2	2	River	Survey	Bat	Eastern Red Bat	33	Yes	1	Decaying
06/03/14	Y2	25	Interior	Survey	Bat	Silver-haired Bat	32	No	1	Decaying
06/04/14	Y2	41	Lake	Survey	Bat	Eastern Red Bat	4	Yes	1	Fresh
06/10/14	Y2	10	Interior	Survey	Bat	Little Brown Bat	35	No	1	Fresh
06/10/14	Y2	33	Lake	Survey	Bat	Little Brown Bat	11	Yes	1	Decaying
07/09/14	Y2	41	Lake	Survey	Bat	Eastern Red Bat	8	Yes	1	Decayed
07/22/14	Y2	33	Lake	Survey	Bat	Hoary Bat	63	No	1	Fresh
07/22/14	Y2	25	Interior	Survey	Bat	Hoary Bat	45	No	2	Fresh
07/23/14	Y2	52	Lake	Survey	Bat	Hoary Bat	6	Yes	1	Decayed
07/23/14	Y2	56	Interior	Survey	Bat	Eastern Red Bat	5	Yes	1	Decaying

Appendix B, continued. Carcass finds

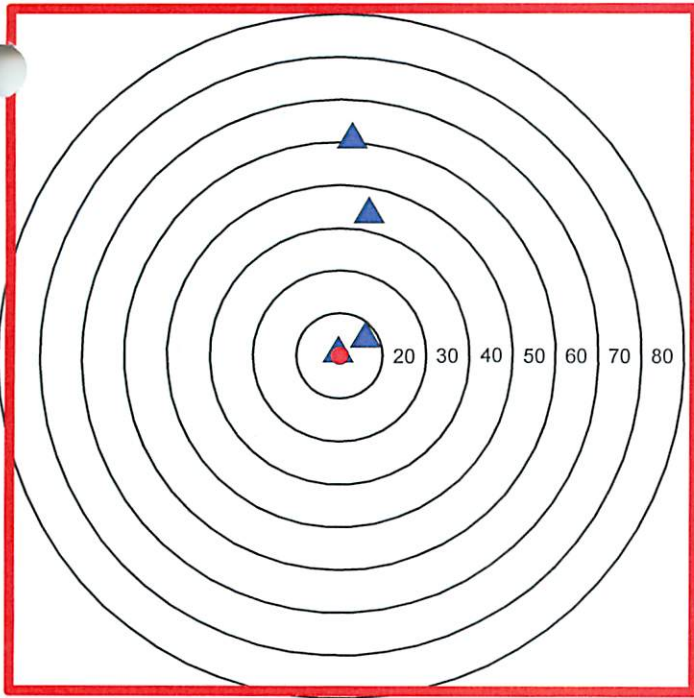
Date	Year	Turbine	Zone	Find status	Class	Species	Distance to turbine (m)	Road Pad	Visibility	Carcass condition
07/31/14	Y2	46	Interior	Survey	Bat	Eastern Red Bat	1	Yes	1	Fresh
08/05/14	Y2	11	Lake	Survey	Bat	Hoary Bat	12	Yes	1	Fresh
08/06/14	Y2	41	Lake	Survey	Bat	Hoary Bat	35	No	1	Decaying
08/06/14	Y2	52	Lake	Survey	Bat	Eastern Red Bat	32	Yes	1	Fresh
08/06/14	Y2	44	Interior	Survey	Bat	Hoary Bat	23	No	2	Decaying
08/06/14	Y2	44	Interior	Survey	Bat	Hoary Bat	13	No	2	Fresh
08/11/14	Y2	3	River	Survey	Bat	Eastern Red Bat	33	No	2	Decaying
08/11/14	Y2	14	Interior	Survey	Bat	Eastern Red Bat	3	Yes	1	Fresh
08/12/14	Y2	11	Lake	Survey	Bat	Hoary Bat	11	No	2	Fresh
08/12/14	Y2	30	Interior	Survey	Bat	Eastern Red Bat	18	No	1	Decaying
08/18/14	Y2	16	Interior	Survey	Bat	Hoary Bat	3	Yes	1	Fresh
08/19/14	Y2	11	Lake	Survey	Bat	Hoary Bat	12	No	1	Fresh
08/20/14	Y2	13	Interior	Incidental	L	Red-tailed Hawk	15		1	Decaying
08/20/14	Y2	41	Lake	Survey	Bat	Hoary Bat	35	No	2	Decaying
08/20/14	Y2	52	Lake	Survey	Bat	Eastern Red Bat	1	Yes	1	Fresh
08/20/14	Y2	56	Interior	Survey	Bat	Hoary Bat	11	No	1	Decaying
08/25/14	Y2	11	Lake	Incidental	Bat	Hoary Bat	3		1	Fresh
08/26/14	Y2	33	Lake	Survey	Bat	Eastern Red Bat	7	Yes	1	Decaying
08/26/14	Y2	33	Lake	Survey	Bat	Silver-haired Bat	7	Yes	1	Decayed
08/26/14	Y2	33	Lake	Survey	Bat	Hoary Bat	11	No	2	Fresh
08/26/14	Y2	30	Interior	Survey	Bat	Hoary Bat	40	No	2	Decaying
08/27/14	Y2	41	Lake	Survey	Bat	Silver-haired Bat	9	No	1	Fresh
08/28/14	Y2	46	Interior	Survey	Bat	Eastern Red Bat	10	No	2	Fresh
08/28/14	Y2	48	Interior	Survey	Bat	Silver-haired Bat	7	Yes	1	Decayed
08/29/14	Y2	29	Interior	Incidental	Bat	Unidentified bat	3		1	Unknown
09/04/14	Y2	56	Interior	Survey	Bat	Big Brown Bat	14	Yes	1	Decaying

Appendix B, continued. Carcass finds

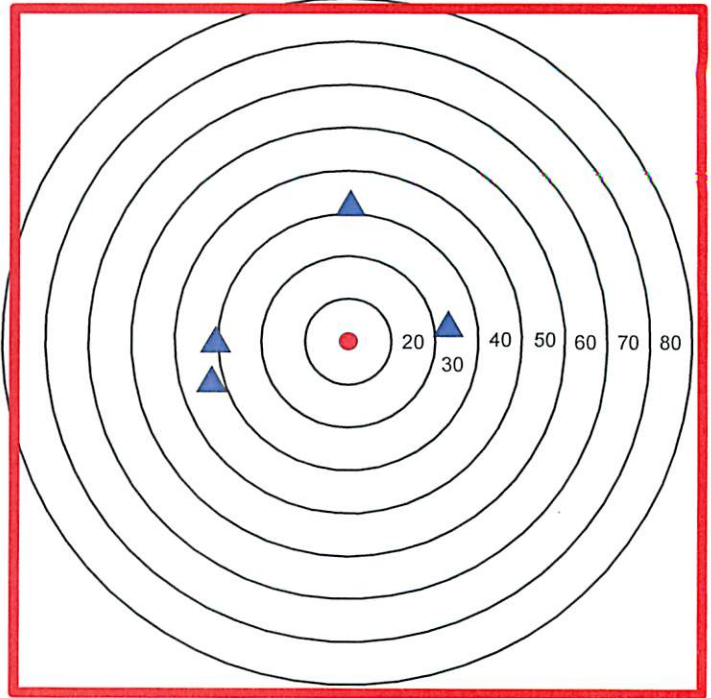
Date	Year	Turbine	Zone	Find status	Class	Species	Distance to turbine (m)	Road Pad	Visibility	Carcass condition
09/09/14	Y2	46	Interior	Incidental	Bat	Hoary Bat	14		1	Fresh
09/09/14	Y2	30	Interior	Survey	Bat	Silver-haired Bat	40	No	1	Fresh
09/09/14	Y2	25	Interior	Survey	Bat	Eastern Red Bat	2	Yes	1	Fresh
09/10/14	Y2	41	Lake	Survey	Bat	Hoary Bat	1	Yes	1	Fresh
09/10/14	Y2	44	Interior	Survey	Bat	Eastern Red Bat	12	Yes	1	Decaying
09/11/14	Y2	46	Interior	Survey	Bat	Silver-haired Bat	6	Yes	1	Fresh
09/11/14	Y2	42	Interior	Incidental	Bat	Big Brown Bat	5		1	Decaying
09/24/14	Y2	49	Interior	Survey	Bat	Silver-haired Bat	13	Yes	1	Fresh
04/20/15	Y2	41	Lake	Incidental	L	Red-tailed Hawk	36		1	Fresh
05/05/15	Y2	33	Lake	Survey	L	Red-tailed Hawk	37	No	1	Decayed
05/05/15	Y2	14	Interior	Survey	L	Red-tailed Hawk	58	No	1	Fresh
05/19/15	Y2	11	Lake	Survey	Bat	Silver-haired Bat	16	Yes	1	Fresh
05/28/15	Y2	46	Interior	Survey	Bat	Unidentified bat	6	Yes	1	Fresh

## APPENDIX C

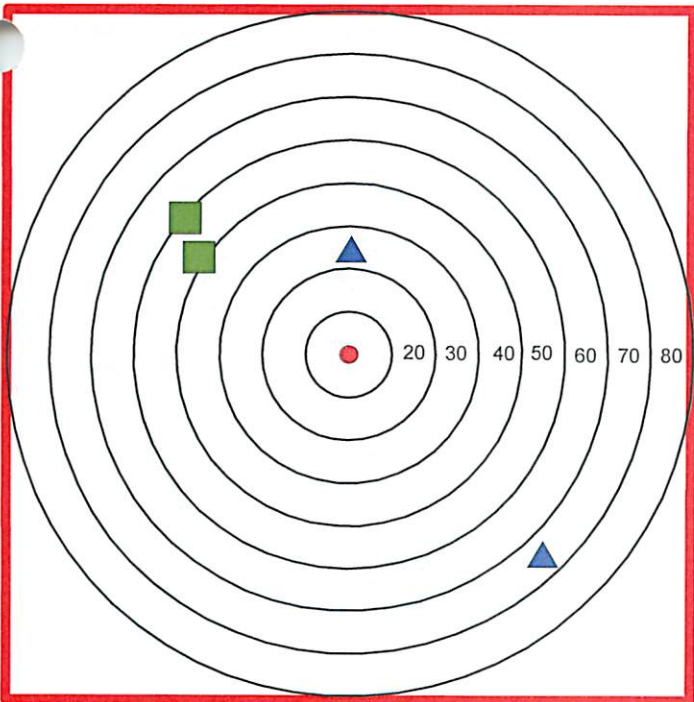




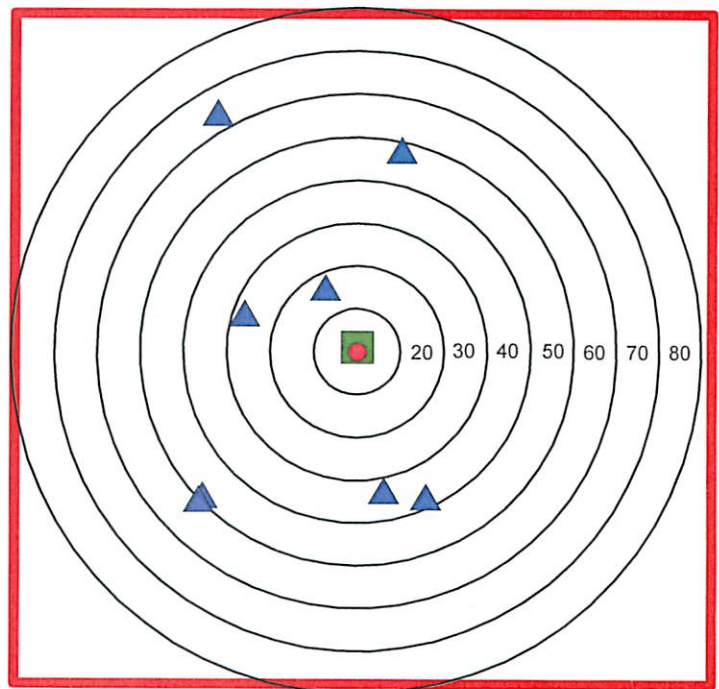
**Plot 2**



**Plot 3**



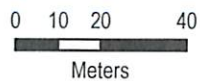
**Plot 6**



**Plot 10**

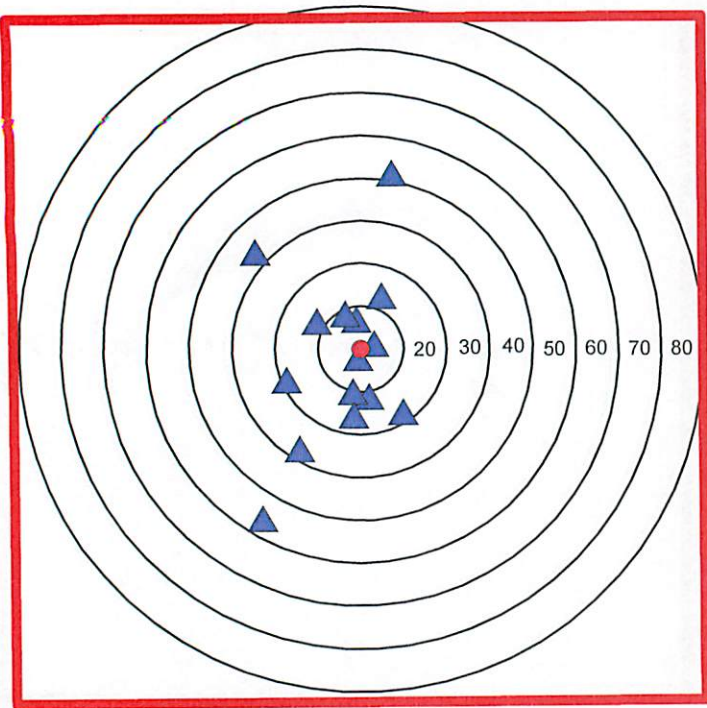
**Appendix C: Carcass Finds & Distribution Map**

Lake Winds Energy Park  
Mason County, Michigan

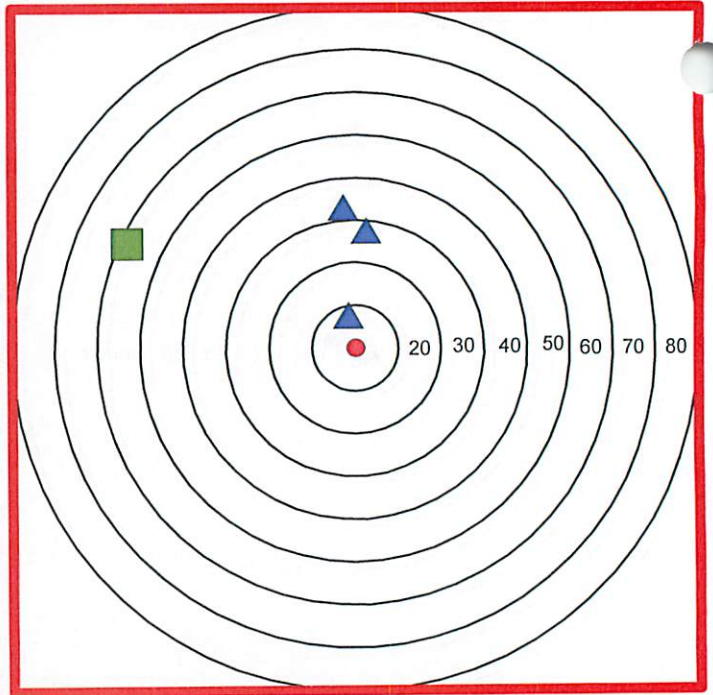


- Turbine
- ▲ Bat
- Bird

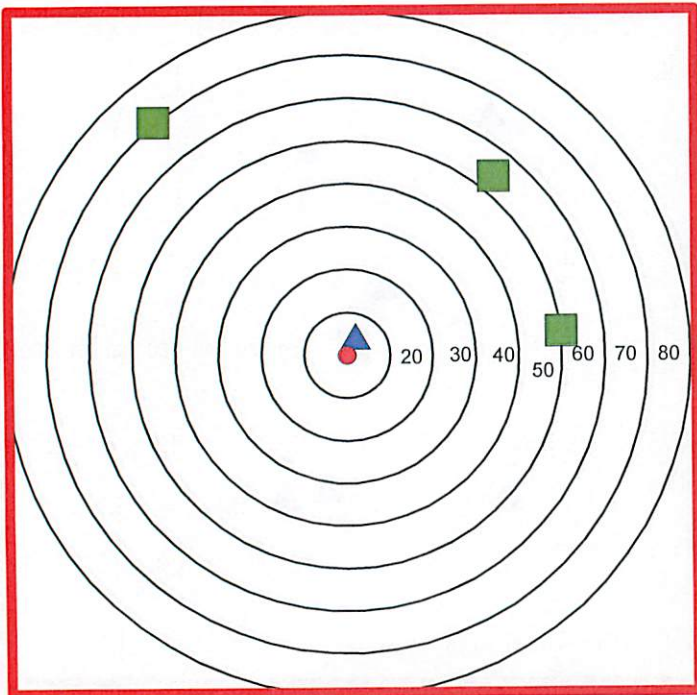




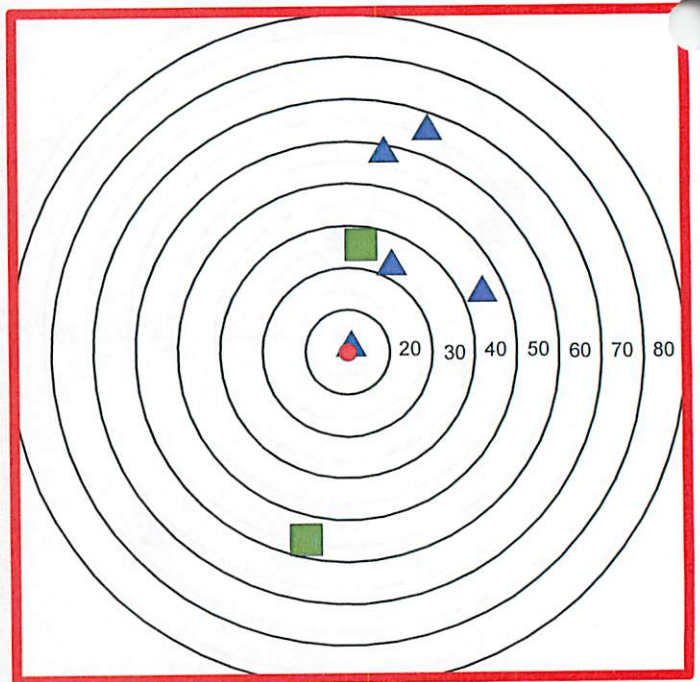
**Plot 11**



**Plot 14**



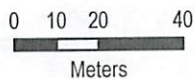
**Plot 16**



**Plot 25**

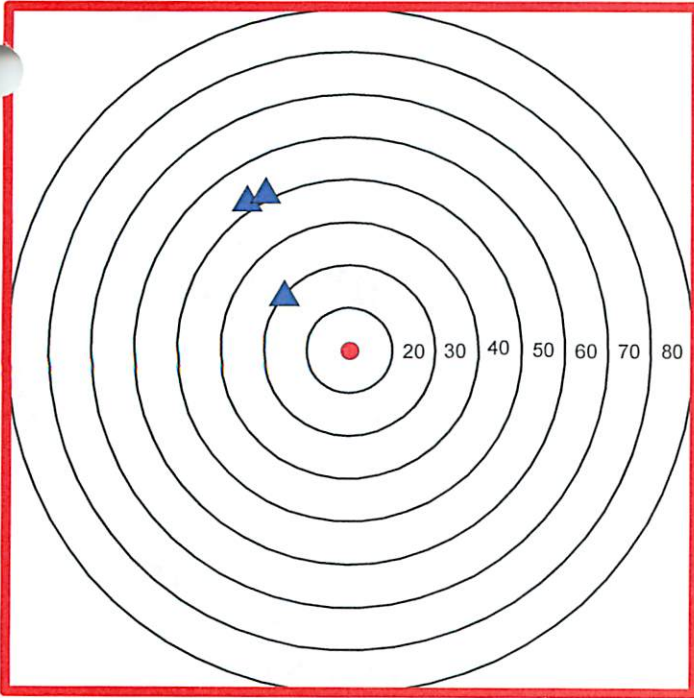
**Appendix C: Carcass Finds & Distribution Map**

Lake Winds Energy Park  
Mason County, Michigan

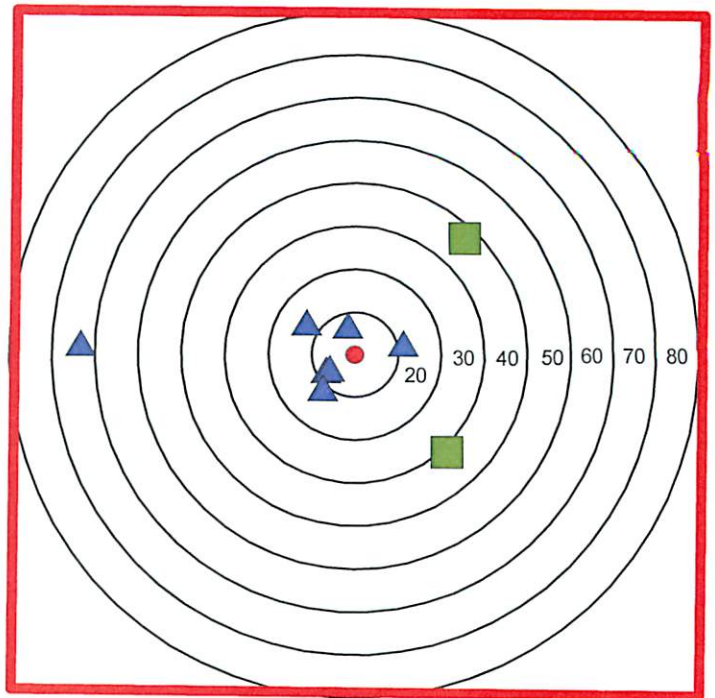


- Turbine
- ▲ Bat
- Bird

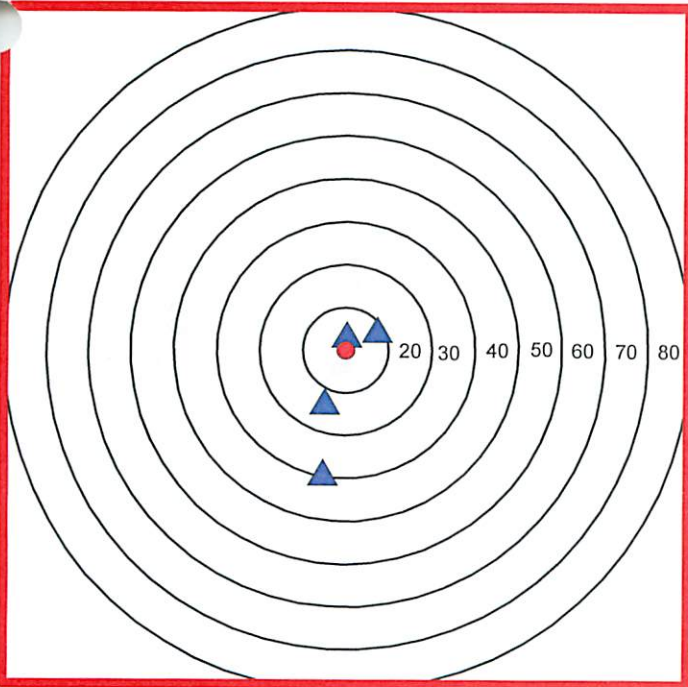




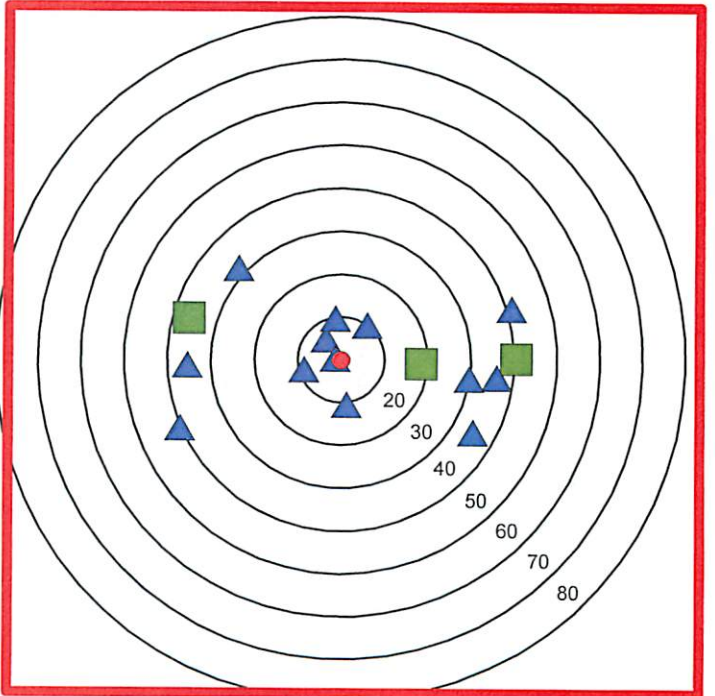
**Plot 30**



**Plot 33**



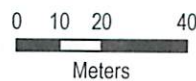
**Plot 34**



**Plot 41**

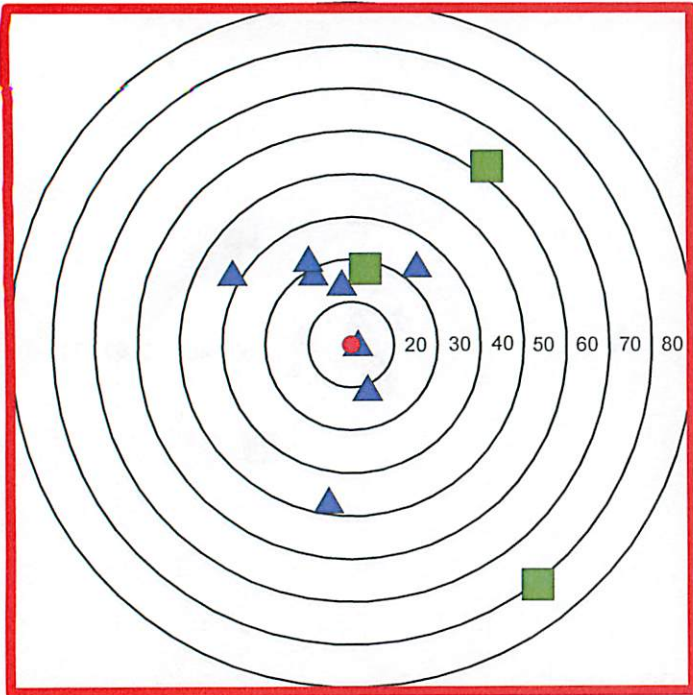
**Appendix C: Carcass Finds & Distribution Map**

Lake Winds Energy Park  
Mason County, Michigan

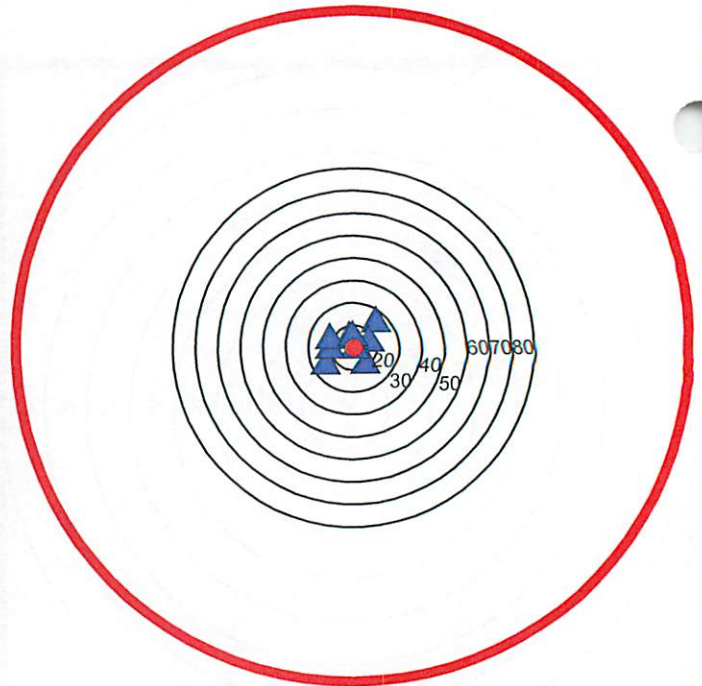


- Turbine
- ▲ Bat
- Bird

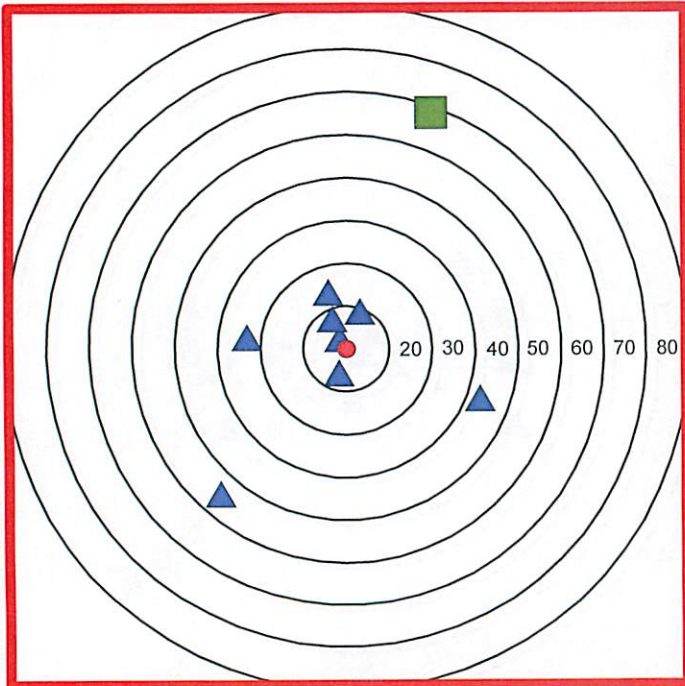




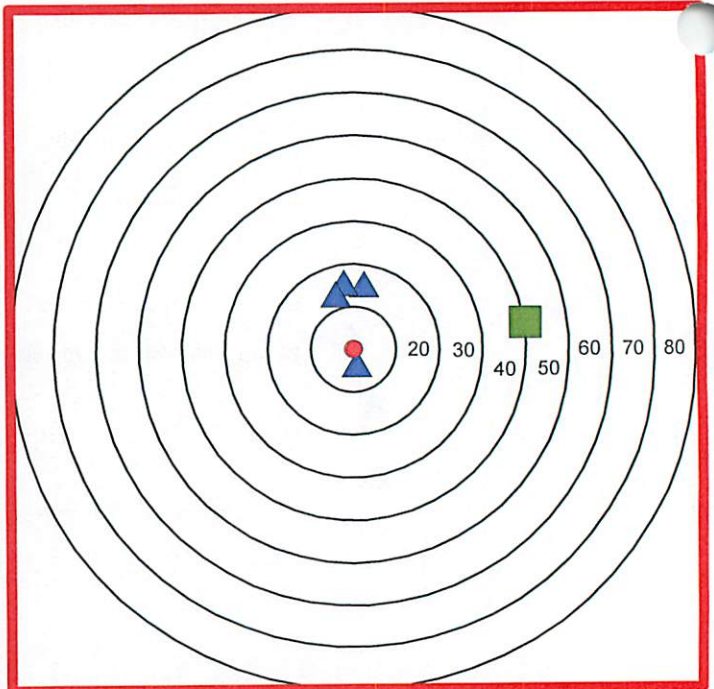
**Plot 44**



**Plot 46**  
0 20 40 80  
Meters



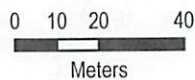
**Plot 48**



**Plot 49**

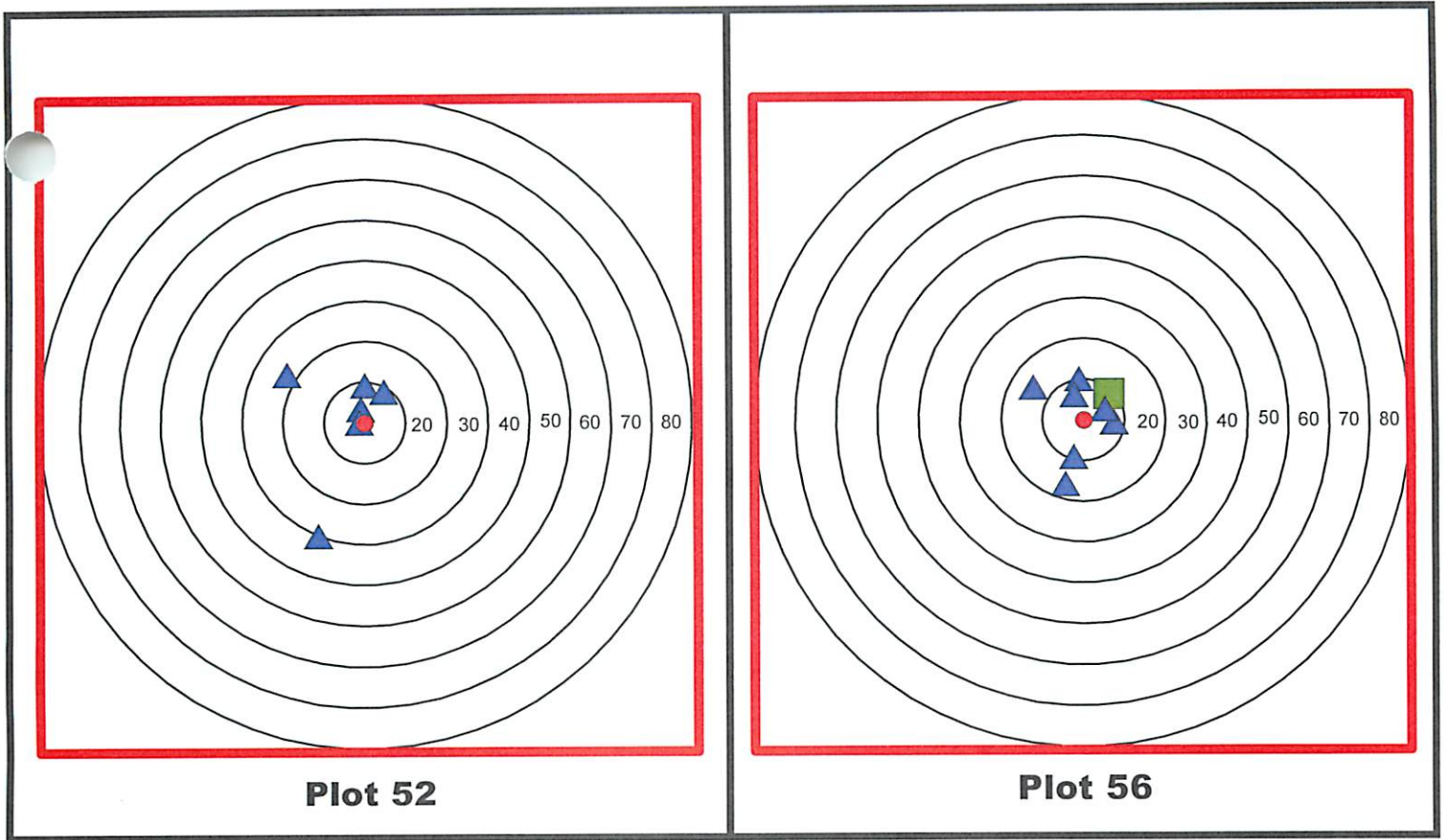
**Appendix C: Carcass Finds & Distribution Map**

Lake Winds Energy Park  
Mason County, Michigan



- Turbine
- ▲ Bat
- Bird



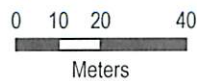


**Plot 52**

**Plot 56**

**Appendix C: Carcass Finds & Distribution Map**

Lake Winds Energy Park  
Mason County, Michigan



- Turbine
- ▲ Bat
- Bird

