



Norwich Western Link

Environmental Statement

Chapter 11: Bats

Appendix 1a: 2019 Radio Tracking Raw Data

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1 Introduction

1.1.1 This document details the radio tracking raw data associated with the 2019 radio-tracking report and should therefore be read in conjunction with the 2019 Interim Bat Survey Report.

1.1.2 We have included a summary of key information shown in this document in an accessible format. However, some users may not be able to access all technical details. If you require this document in a more accessible format please contact norwichwesternlink@norfolk.gov.uk.

Appendix A

RAW DATA

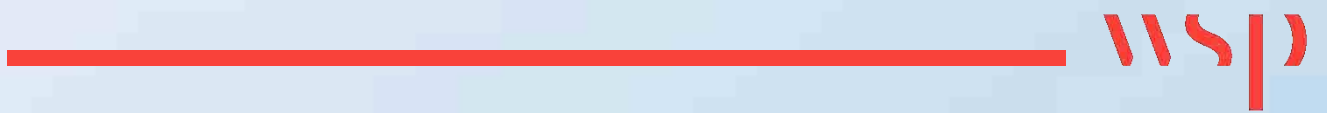


Table A-1 – Raw Data

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Morton Hall - Long Plantation	19/05/2019	22:24	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 1	/
Morton Hall - Long Plantation	19/05/2019	22:24	<i>Pipistrellus pygmaeus</i>	Female	Adult	Non breeding	Location 1	/
Morton Hall - Long Plantation	19/05/2019	0:00	<i>Plecotus auritus</i>	Female	Adult	Pregnant	Location 1	/
Morton Hall - Scotchwood Hills	19/05/2019	20:45	<i>Myotis nattereri</i>	Female	Adult	Pregnant	Location 10	238326
Morton Hall - Scotchwood Hills	19/05/2019	22:50	<i>pipistrellus pipistrellus</i>	Male	Adult	/	Location 10	/
Morton Hall - Scotchwood Hills	19/05/2019	23:15	<i>pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 10	/
Morton Hall - Scotchwood Hills	19/05/2019	1:40	<i>Myotis nattereri</i>	Female	Adult	Pregnant	Location 10	/
Morton Hall - Scotchwood Hills	19/05/2019	2:10	<i>Myotis nattereri</i>	Male	Adult	/	Location 10	/
Morton Hall - Scotchwood Hills	19/05/2019	2:04	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 10	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (West)	20/05/2019	21:16	<i>Pipistrellus pipistrellus</i>	Male	Adult	/	Location 11	/
Marriot's Way (West)	20/05/2019	21:46	<i>Pipistrellus pygmaeus</i>	Male	Adult	/	Location 11	/
Marriot's Way (West)	20/05/2019	22:05	<i>Pipistrellus pygmaeus</i>	Male	Adult	/	Location 11	/
Marriot's Way (West)	20/05/2019	23:14	<i>Pipistrellus pipistrellus</i>	Male	Adult	/	Location 11	/
Marriot's Way (West)	20/05/2019	23:14	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	23:45	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	23:45	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	23:45	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	23:49	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (West)	20/05/2019	0:10	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	0:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	0:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	0:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	0:53	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	0:53	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	1:26	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	1:26	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (West)	20/05/2019	1:26	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	2:53	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	0:20	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	1:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	unknown	Location 11	/
Marriot's Way (West)	20/05/2019	1:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	non breeding	Location 11	/
Marriot's Way (West)	20/05/2019	1:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	1:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (West)	20/05/2019	1:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	unknown	Location 11	/
Marriot's Way (West)	20/05/2019	2:40	<i>Pipistrellus pygmaeus</i>	Female	Adult	unknown	Location 11	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (West)	20/05/2019	3:35	<i>Myotis nattereri</i>	Female	Adult	Pregnant	Location 11	/
Marriot's Way (East)	20/05/2019	21:05	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	21:10	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	21:15	<i>Myotis daubentoni</i>	Male	Adult	/	Location 2	/
Marriot's Way (East)	20/05/2019	21:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (East)	20/05/2019	21:25	<i>Pipistrellus pygmaeus</i>	Male	Adult	/	Location 2	/
Marriot's Way (East)	20/05/2019	21:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:30	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:30	<i>Pipistrellus pipistrellus</i>	Male	Adult	/	Location 2	/
Marriot's Way (East)	20/05/2019	21:30	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:40	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (East)	20/05/2019	21:45	<i>Pipistrellus pygmaeus</i>	Female	Adult	Unknown	Location 2	/
Marriot's Way (East)	20/05/2019	21:50	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 2	238325
Marriot's Way (East)	20/05/2019	22:20	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	22:55	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 2	/
Marriot's Way (East)	20/05/2019	23:30	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	0:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	0:50	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	1:00	<i>Myotis daubentoni</i>	Female	Adult	Pregnant	Location 2	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Marriot's Way (East)	20/05/2019	1:30	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 2	/
Marriot's Way (East)	20/05/2019	1:55	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 2	/
Golf course	21/05/2019	21:48	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 3	/
Golf course	21/05/2019	21:51	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	23:35	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	0:44	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 3	/
Golf course	21/05/2019	1:56	<i>Myotis nattereri</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	1:56	<i>Myotis nattereri</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	1:56	<i>Myotis nattereri</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	2:46	<i>Plecotus auritus</i>	Male	Adult	n/a	Location 3	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Golf course	21/05/2019	21:35	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 7	238323
Golf course	21/05/2019	23:10	<i>Nyctalus noctula</i>	Female	Adult	Pregnant	Location 7	/
Golf course	21/05/2019	23:35	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	0:05	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	0:45	<i>Pipistrellus pipistrellus</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	0:50	<i>Plecotus auritus</i>	Female	Adult	Pregnant	Location 7	/
Golf course	21/05/2019	0:55	<i>Pipistrellus pipistrellus</i>	Male	Adult	n/a	Location 7	/
Golf course	21/05/2019	2:45	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 7	/
Golf course	21/05/2019	3:19	<i>Barbastella barbastellus (recapture)</i>	Female	Adult	Pregnant	Location 7	238325

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Golf course	21/05/2019	3:49	<i>Plecotus auritus</i>	Female	Adult	Pregnant	Location 3	/
Golf course	21/05/2019	3:56	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 7	238321
Golf course	21/05/2019	3:19	<i>Barbastella barbastellus</i> (recapture)	Female	Adult	Pregnant	Location 3	238325
Middle Grove	22/05/2019	21:40	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 4	/
Middle Grove	22/05/2019	22:15	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 4	/
Common Meadow Carr	22/05/2019	22:15	<i>Myotis daubentoni</i>	Male	Adult	n/a	Location 5	/
Common Meadow Carr	22/05/2019	22:20	<i>Pipistrellus pipistrellus</i>	Male	Adult	n/a	Location 5	/
Common Meadow Carr	22/05/2019	22:15	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 5	/
Common Meadow Carr	22/05/2019	22:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 5	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Common Meadow Carr	22/05/2019	22:15	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 5	/
Common Meadow Carr	22/05/2019	22:55	<i>Pipistrellus pygmaeus</i>	Female	Adult	unknown	Location 5	/
Common Meadow Carr	22/05/2019	0:04	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 5	/
Common Meadow Carr	22/05/2019	0:04	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 5	/
Common Meadow Carr	22/05/2019	0:19	<i>Myotis nattereri</i>	Male	Adult	n/a	Location 5	/
Morton Hall - Broom Hills	23/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	21:45	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	22:55	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Morton Hall - Broom Hills	23/05/2019	23:05	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	0:45	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	0:45	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	1:50	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	1:50	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	21:35	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	21:37	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	21:38	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Morton Hall - Broom Hills	23/05/2019	23:33	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	23:34	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	23:41	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 6	/
Morton Hall - Broom Hills	23/05/2019	22:14	<i>Barbastella barbastellus</i>	Male	Adult	n/a	Location 6	/
Morton Hall - Broom Hills	23/05/2019	1:58	<i>Myotis nattereri</i>	Female	Adult	Pregnant	Location 6	238329
Golf Course - Morton Plantation	27/05/2019	21:45	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 7	/
Golf Course - Morton Plantation	27/05/2019	23:00	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
Golf Course - Morton Plantation	27/05/2019	23:10	<i>Myotis daubentoni</i>	Male	Adult	n/a	Location 7	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Golf Course - Morton Plantation	27/05/2019	1:40	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 7	/
Golf Course - Morton Plantation	27/05/2019	2:05	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 3	/
Golf Course - Morton Plantation	27/05/2019	3:10	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
Golf Course - Morton Plantation	27/05/2019	3:40	<i>Myotis daubentoni</i>	Female	Adult	Pregnant	Location 7	/
Golf Course - Morton Plantation	27/05/2019	3:40	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 7	238324
Golf Course - Morton Plantation	28/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 7	/
Golf Course - Morton Plantation	28/05/2019	21:35	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 7	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Golf Course - Morton Plantation	28/05/2019	22:00	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 7	238316
Golf Course - Morton Plantation	28/05/2019	22:00	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 7	238330
Golf Course - Morton Plantation	28/05/2019	23:10	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 7	/
The Broadway	29/05/2019	0:10	<i>Barbastella barbastellus</i>	Female	Adult	Pregnant	Location 8	238322
Poetsbreck Plantation	30/05/2019	23:29	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 9	/
Poetsbreck Plantation	30/05/2019	23:58	<i>Pipistrellus pygmaeus</i>	Male	Adult	n/a	Location 9	/
Poetsbreck Plantation	30/05/2019	1:05	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 9	/
Poetsbreck Plantation	30/05/2019	1:25	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 9	/

Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Poetsbreck Plantation	30/05/2019	1:25	<i>Pipistrellus pipistrellus</i>	Female	Adult	Pregnant	Location 9	/
Poetsbreck Plantation	30/05/2019	1:25	<i>Pipistrellus pipistrellus</i>	Male	Adult	n/a	Location 9	/
Poetsbreck Plantation	30/05/2019	1:25	<i>Pipistrellus pygmaeus</i>	Female	Adult	Pregnant	Location 9	/
Poetsbreck Plantation	30/05/2019	1:20	<i>Nyctalus noctula</i>	Male	Adult	n/a	Location 9	/
Poetsbreck Plantation	30/05/2019	2:25	<i>Nyctalus noctula</i>	Male	Adult	n/a	Location 9	238313
Poetsbreck Plantation	30/05/2019	2:25	<i>Nyctalus noctula</i>	Male	Adult	n/a	Location 9	/
Poetsbreck Plantation	30/05/2019	2:25	<i>Nyctalus noctula</i>	Male	Adult	n/a	Location 9	/
Poetsbreck Plantation	30/05/2019	2:25	<i>Nyctalus noctula</i>	Male	Adult	n/a	Location 9	/
Poetsbreck Plantation	30/05/2019	2:25	<i>Nyctalus noctula</i>	Male	Adult	n/a	Location 9	/



Location (site name)	Date (at start)	Time	Species	Sex	Age (class)	Breeding status	Trap location (Refer to Figure 1)	Bat ref
Poetsbreck Plantation	30/05/2019	3:46	<i>Pipistrellus pipistrellus</i>	Male	Adult	n/a	Location 9	/



62-64 Hills Road
Cambridge
CB2 1LA

wsp.com