Reptile Translocation Report

December 2023

Land West of Sompting

Prepared by
CSA Environmental

On behalf of
Persimmon Homes

Report No: CSA/2134/09

CSA environmental

urban design | ecology | landscape | heritage

This report may contain sensitive ecological information. It is the responsibility of the Local Authority to determine if this should be made publicly available.

Report Reference	Revision	Date	Prepared by	Approved by	Comments
CSA/2134/09	-	24/02/2022	LG	AW/CC	Phase 1
	A	14/04/2023	NI/ JT	CC	Phases 1, 2 and 3
	B	05/12/2023	LG	JT	Addition of 2023 Dankton Lane treeline (Phase 2) translocation and monitoring report

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1.0 INTRODUCTION

1.1 This report has been prepared by CSA Environmental on behalf of Persimmon Homes, in relation to Land at West Sompting where outline planning permission has been granted (Planning Reference: AWDM/0323/19). Two parcels of land are proposed for residential development, one located to the north ('Phase 2') and the other to the south of West Street ('Phases 1 & 3'). This report sets out the results of the reptile translocation exercise undertaken at land encompassing Phases 1, 2 and 3 of the development.

1.2 Ecological surveys completed in 2014 and 2017 confirmed the presence of a high population of slow worm *Anguis fragilis*, and a low population of grass snake *Natrix natrix (syn. Helvetica)* within Phases 1 and 3 of the Site. As such, a minimum trapping period of 90 days was recommended in line with HGBI (1998) guidelines. A low population of slow worm were recorded within Phase 2 of the development and a minimum of 30 days of capture was recommended with reptile exclusion fencing installed under EcOW for each Phase.

1.3 A Reptile Mitigation Strategy was compiled and agreed with the client and Adur and Worthing Councils. The Reptile Mitigation Strategy aimed to:

- Summarise the baseline ecological conditions at the Site with respect to reptile species.
- Identify the potential adverse effects of the proposed development activities in the absence of impact avoidance or mitigation measures.
- Set out avoidance and mitigation measures required to address likely significant effects.

1.4 The avoidance and mitigation measures included securing c. 2.6ha of land to act as a reptile receptor (see Reptile Mitigation Option Plan (CSA/2134/128/B) Appendix A). A relaxation of grazing management has been agreed to allow the provision of enough suitable habitat to support the translocated individuals. The receptor will be managed as such to maintain a rough but open sward, with sufficient cover for reptiles, and the provision of log/brash piles and hibernacula.

1.5 Implementation of the Reptile Mitigation Strategy commenced in 2021, with translocation of reptiles from the Phase 1 development area, with further translocation from Phase 1, 2 and 3 during 2022, and again within Phase 2 in 2023.

1.6 Trapping events in relation to Phase 1 (land to the south of West Street) were conducted between 16 August and 14 October 2021, with a total of 55 trapping visits being conducted. Central areas of Phase 1 have

now been released for development with fence checks being conducted on a quarterly basis throughout the construction Phase. However, given that 90 days of trapping were required for this Phase, trapping was resumed on with a further 59 days of trapping between 09 May 2022 and 28 September 2022, to equate to a total of 114 trapping visits across 2021/22. Ideally at least five days of nil capture would be achieved but capture rates were considered to have been significantly depleted, as per the Reptile Mitigation Strategy (CSA/2134/07/E) and as such reasonable effort has been made.

1.7 Land to the north of West Street ('Phase 2') comprises c. 0.22ha of suitable reptile habitat, in which reptile trapping areas were located. These are limited to rough grassland along field margins, and scrub. The majority of habitat within this Phase consists of unsuitable closely cropped pasture land.

1.8 The land which will form Phase 3 of the proposed development is located south and east of Phase 1 and consists of further arable farmland. One reptile trapping area was located here, along the northern boundary where marginal grass habitat is located. A series of 60 trapping events (per phase) in relation to Phases 2 and 3 were conducted between 09 May 2022 and 28 September 2022, in which capture rates were significantly depleted and reasonable effort was considered to have been made.

1.9 Additional habitat removal was required in 2023 of the treeline alongside Dankton Lane in Phase 2. Therefore, another translocation exercise was conducted in August 2023 of this area, located along the eastern boundary where the treeline and marginal grass habitat is located.

2.0 LEGISLATION

2.1 All native British reptile species are listed within Schedule 5 of the Wildlife and Countryside Act 1981 (as amended) and are afforded protection against killing and injury under parts of sub-section 9(1) of the Act. In addition, all native British reptile species are S41 priority species in England.

3.0 METHODS

Preparation of Receptor Site

3.1 The receptor area comprises c. 3.3ha grassland habitat and is located c. 700m to the south of Phase 1 of development. To provide long-term opportunities for reptiles, two hibernacula and five log piles were installed within the receptor site prior to the translocation, for use by reptiles and other species. Both were installed in early August 2021 (CSA/2142/128). The grassland sward within the reptile receptor area is to be managed through a combination of low density cattle grazing and occasional topping. The grassland sward has been left to grow long and tussocky in the intervening time prior to commencement of management. Management prescriptions are described in detail in the Reptile Mitigation Strategy (CSA/2134/07).

Translocation Exercise 2021

3.2 On 09 July 2021, 127 artificial reptile refugia were distributed within the areas of suitable habitat within Phase 1 of the Site (see Reptile Translocation and Fencing Plan (CSA/2142/154)).

3.3 Following an initial two-week 'bedding-in' period for refugia, trapping and translocation exercises were undertaken between 16 August and 14 October 2021, with over 55 trapping visits in favourable weather conditions (e.g. intermittent or hazy sunshine, not too windy, sunny spells following wet or cloudy weather), during this period. Trapping visits were largely undertaken on a daily basis (wherever possible). Any reptiles found were captured and translocated to the agreed receptor area. All refugia were removed from the Site following the translocation period.

3.4 Following 41 days of capture, habitat reduction work / vegetation removal was carried out on 29 September 2021. This work was undertaken using a tractor mounted flail under ecological watching brief. This was undertaken to encourage the displacement of reptiles and to increase capture rates.

3.5 Following 52 days of capture, and once trapping depletion had begun to be reached, reptile exclusion fencing was installed under ecological watching brief between 11 and 13 October 2021. Installation of reptile exclusion fencing had not been possible at the start of the translocation exercise, due to the narrow nature of the grassland field margins being used by basking reptiles. Hence, installation of the exclusion fencing was delayed until capture depletion had begun to be reached. Installation of the reptile fencing was undertaken in a careful manner under an ecological watching brief, during conditions when reptiles would have been active and able to move away into additional suitable habitat outside the Site boundaries. Any individual reptiles identified during the

fencing installation were captured and translocated safely to areas of retained habitat / receptor area.

3.6 Reptile exclusion fencing was installed along the western, northern, eastern and part of the southern boundary of Phase 1 of development. This was to prevent recolonization of the on-Site habitats by reptiles from adjacent land (see Reptile Translocation and Fencing Plan in Appendix B), particularly from the garden habitats that bordered the northern and eastern boundaries, which were identified as areas of particular interest to reptiles in previous ecology surveys.

3.7 The receptor site to the south of the Site was considered to be a sufficient distance away, and separated by unsuitable crop habitat, that recolonization was deemed unlikely.

Translocation Exercise 2022

3.8 On 25 April, 2022, 300 artificial reptile refugia were distributed within the areas of suitable habitat across all three phases: 60 within Phase 1, 150 in Phase 2 and 90 in Phase 3 (see Reptile Translocation and Fencing Plan (CSA/2142/154). Within Phase 1, only areas A, B, G and E were trapped in 2022 due to the very low/absent capture rates of the remaining areas (C, D, F and H) in 2021. Reptile exclusion fencing was also installed on this date, along the boundaries of F1, the northern, eastern and western boundaries of F2 and the northern and eastern boundaries of F9 (see Habitats Plan CSA/2134/129/F). Installation of the reptile fencing was undertaken in a careful manner under an ecological watching brief, during conditions when reptiles would have been active and able to move away into additional suitable habitat outside the Site boundaries. Any individual reptiles identified during the fencing installation were captured and translocated safely to areas of retained habitat / receptor area.

3.9 Following an initial two-week 'bedding-in' period for refugia, trapping and translocation exercises were undertaken between 09 May and 28 September 2022, with a total of 60 trapping visits in favourable weather conditions (e.g. intermittent or hazy sunshine, not too windy, sunny spells following wet or cloudy weather), during this period. Trapping visits were largely undertaken on a daily basis (wherever possible). Any reptiles found were captured and translocated to the agreed receptor area. All refugia were removed from the Site following the translocation period.

3.10 Vegetation clearance in all trapped areas was undertaken on 03 October 2022 and 08 October 2022, with destructive search works of spoil heaps within Phase 1 being conducted on 08 October 2022. All clearance and destructive search works were undertaken in a careful manner under an ecological watching brief, during conditions when reptiles were active and ablet o move away into suitable habitat outside

Site boundaries. Any reptiles identified during these works were safely translocated to the receptor area.

Translocation Exercise 2023

3.11 On 14 August 2023, 13 artificial reptile refugia were distributed in the north of the Phase 2, alongside Dankton Lane/Upper Brighton Road.

3.12 Following an initial one-week 'bedding-in' period for refugia, trapping and translocation exercises were undertaken between 22 August and 18 September 2023, with a total of 15 trapping visits in favourable weather conditions (e.g. intermittent or hazy sunshine, not too windy, sunny spells following wet or cloudy weather), during this period. Trapping visits were largely undertaken on a daily basis (wherever possible). Any reptiles found were captured and translocated to the agreed receptor area. All refugia were removed from the Site following the translocation period.

3.13 Following the translocation period, treeline removal and a destructive search were undertaken between 23 and 30 October, in a careful manner under an ecological watching brief, during conditions when reptiles would have been active and able to move away into additional suitable habitat outside the Site boundaries. Any individual reptiles identified during the fencing installation were captured and translocated safely to areas of retained habitat / receptor area.

Limitations

3.14 The translocation surveys were undertaken in suitable conditions; however, the summer months of 2022 were very dry due to heatwaves and this lead to drought conditions. Extreme heat leads to sub-optimal survey conditions for reptiles, and surveys were paused during this period. The longest pauses were taken from 7-22 July and 6 August through until 21 September.

3.15 A period of very hot weather was also experienced during the 2023 Phase 2 translocation, in which surveys were paused. The longest pause was taken from between the 26-28 August. Additionally, due to seasonal constraints and project timelines, refugia were only able to 'bed-in' for a week as opposed to the optimum 10 days. However, due to the scale of the works this was not considered to significantly impact the exercise.

4.0 RESULTS AND DISCUSSION

Phase 1 Translocation Data: 2021

4.1 A total of 354 adult slow worm and four adult grass snake were captured and translocated after 55 days of trapping. Additionally, 325 juvenile/sub-adult slow worm and four juvenile/sub-adult grass snake were captured and translocated. No common lizard *Zootoca vivipara* were sighted or caught during the translocation period.

4.2 The peak capture day was day 12 (29 August 2021), in which 26 adult reptiles were caught (51 total reptiles including juvenile and sub- adults). A summary of the reptiles captured over the translocation period is provided in Table 1 and Figures 1, 2 and 3 below. The full survey results are provided in Appendix C.

Table 1. Summary of adult reptiles captured in 2021 from Phase 1 per capture area

Capture area	Slow worm		Grass snake	
	Total	Total adults	Total	Total adults
A	103	69	3	2
B	33	19	3	2
C	12	8	0	0
D	9	4	0	0
E	317	154	1	0
F	6	2	0	0
G	160	77	1	0
H	39	21	0	0
Total	**679**	**354**	**8**	**4**

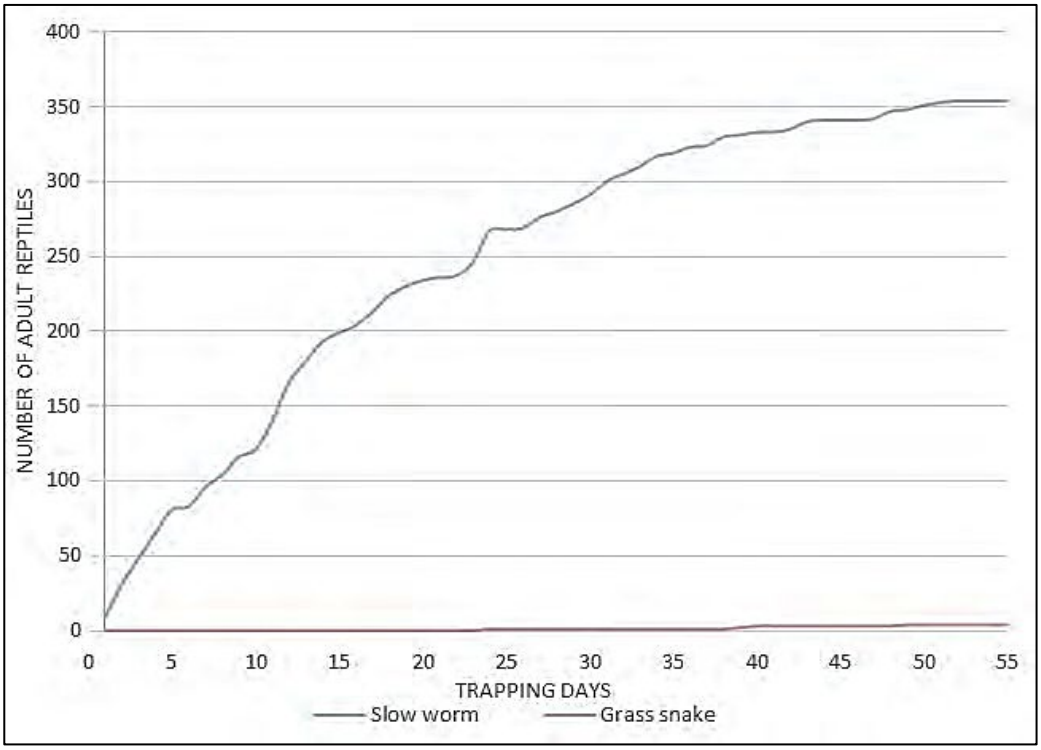


Figure 1. Total number of reptile captures in Phase 1 during 2021 translocation period

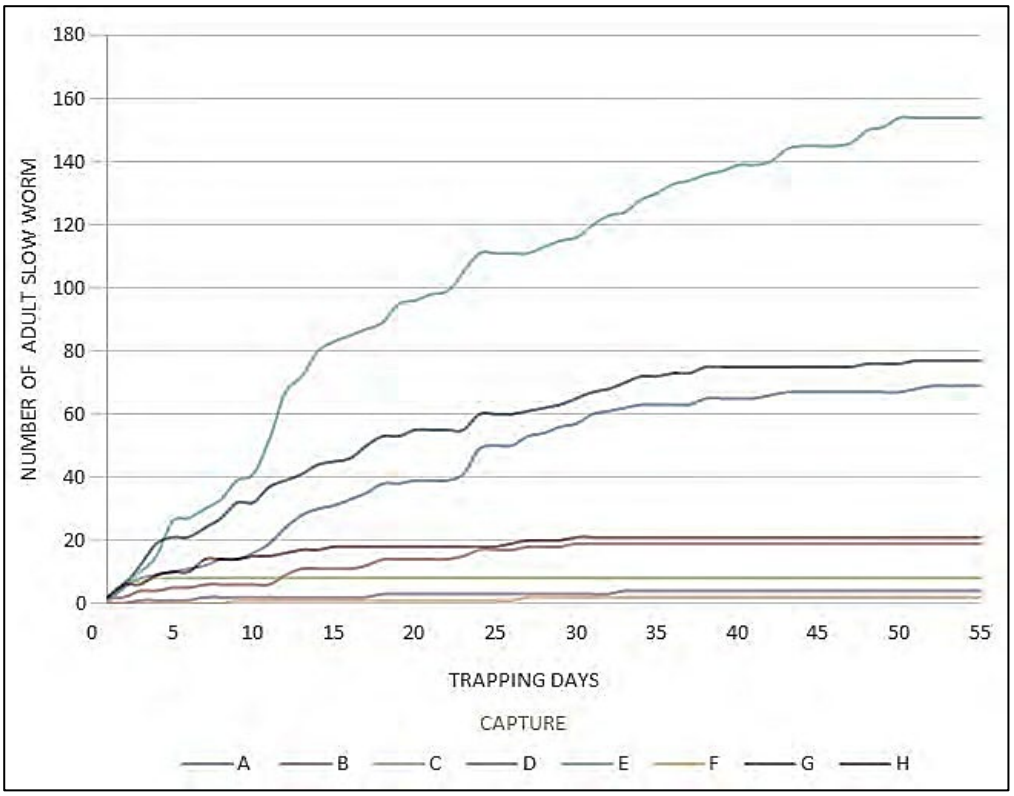


Figure 2. Total slow worm captures per Phase 1 survey area in 2021

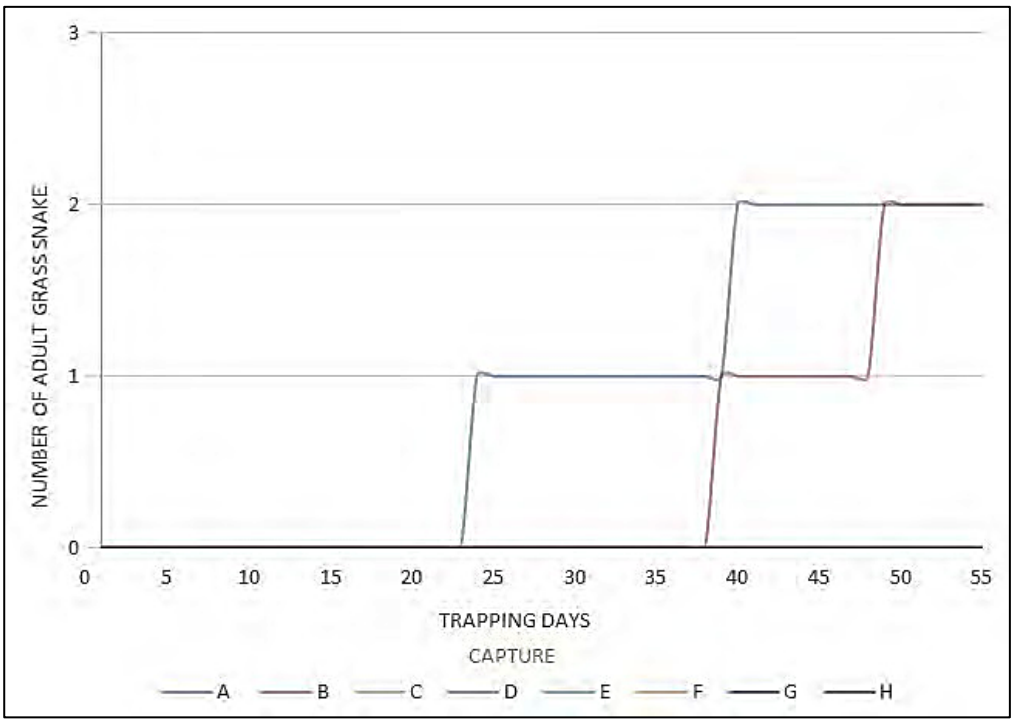


Figure 3. Total grass snake captures across the Phase 1 survey area in 2021

4.3 Captures began to plateau and show capture depletion towards the end of the trapping period, with the last grass snake caught on day 49, and the final slow worm caught on day 52, followed by 3 days of no capture events. Figure 4 shows the capture depletion rates of all reptiles over the trapping period.

4.4 The greatest number of reptiles were captured from areas A, E and G, associated with the garden habitats of the neighbouring houses which they are thought to frequent, and the area of longer rough grassland and scrub in the north of the Phase 1 development area.

4.5 The fewest number of reptiles were captured from area F. This area consists a thin strip of short semi-improved grassland between two arable fields, used as an access path, and was not associated with any hedgerow or garden habitat, unlike the other capture areas.

4.6 A destructive search of area A was undertaken on 18 October 2021 under ecological watching brief (EcOW). This work involved the use of a tractor-mounted flail and was followed by the removal of the central hedgerow between areas C and D.

Phase 1 Translocation Data: 2022

4.7 A total of 60 adult slow worm were captured and translocated after 59 days of trapping. Additionally, 33 juvenile/sub-adult slow worm and three juvenile/sub-adult grass snake were captured and translocated. No common lizard *Zootoca vivipara* were sighted or caught during the translocation period.

4.8 The peak capture day was day 14 (26 May 2022), in which four adult reptiles were caught (five total reptiles including juvenile and sub-adults). A summary of the reptiles captured over the translocation period is provided in Table 2 and Figure 4 below. The full survey results are provided in Appendix C.

Table 2. Summary of adult reptiles captured within each capture area of Phase 1 in 2022

Capture area	Slow worm		Grass snake	
	Total	**Total adults**	**Total**	**Total adults**
A	44	29	2	0
B	8	3	0	0
E	13	10	0	0
G	28	18	1	0
Total	**93**	**60**	**3**	**0**

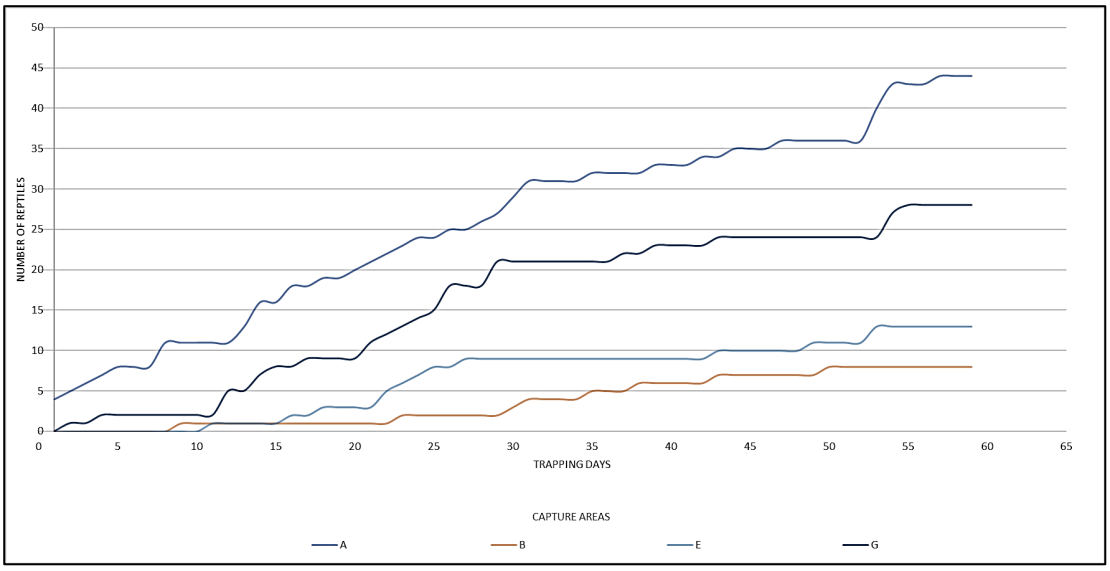


Figure 4. Total adult slow worm captures across the Phase 1 survey area per trapping location

4.9 The greatest number of reptiles were captured from areas A and G, associated with the garden habitats of the neighbouring houses which they are thought to frequent, and the area of longer rough grassland and scrub in the north of the Phase 1 development area.

4.10 The fewest number of reptiles were captured from area B. This area consists of a similar habitat type, with a strip of semi-improved grassland bordering the garden habitat.

Phase 2 Translocation Data: 2022

4.11 A total of 152 adult slow worm were captured and translocated after 60 days of trapping. Additionally, 257 juvenile/sub-adult slow worm and one juvenile grass snake were captured and translocated. No common lizard *Zootoca vivipara* were sighted or caught during the translocation period.

4.12 The peak capture day was day 1 (09 May 2022), in which nine adult reptiles were caught (28 total reptiles including juvenile and sub- adults).

4.13 The greatest number of reptiles were captured from areas I and L alongside Dankton Lane/Upper Brighton Road, associated with the marginal grassland habitats of the field and the treeline by Dankton Lane.

4.14 The fewest number of reptiles were captured from area K, through the centre of the field. This area consists of improved grassland.

4.15 A summary of the reptiles captured over the translocation period is provided in Table 3 and Figures 5. The full survey results are provided in Appendix C.

Table 3. Summary of adult reptiles captured within each capture area of Phase 2 in 2022

Capture area	Slow worm		Grass snake	
	Total	**Total adults**	**Total**	**Total adults**
Dankton Lane Roadside (I)	112	18	0	0
South of RoW (J)	69	41	0	0
North of RoW (K)	42	20	0	0
Dankton Lane Treeline (L)	168	73	1	0
Total	**409**	**152**	**1**	**0**

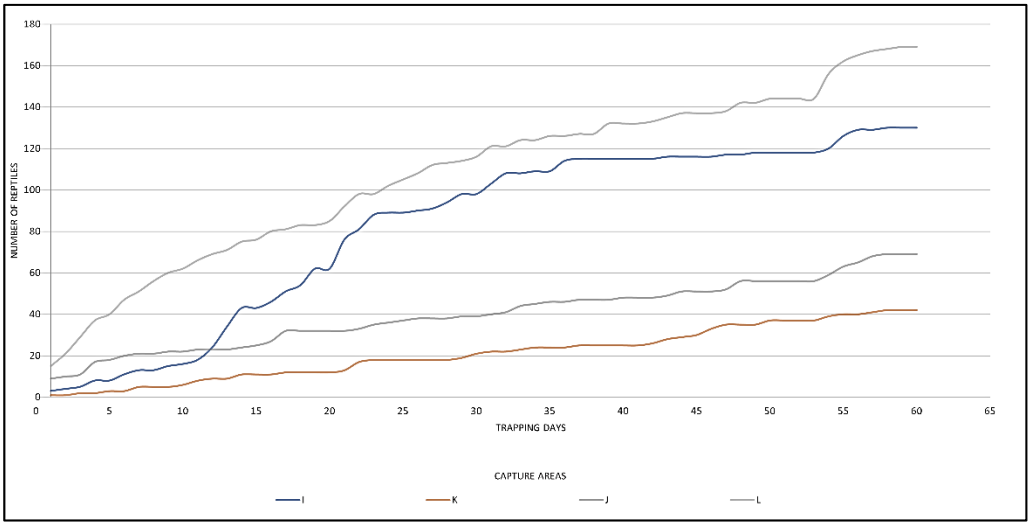


Figure 5. Total adult slow worm captures across the Phase 2 survey area per trapping area

Phase 3 Translocation Data: 2022

4.16 Area M, the northern boundary of Phase 3, was the only location of suitable habitat within the Phase 3 area. A total of 152 adult slow worm were captured and translocated after 60 days of trapping. Additionally, 150 juvenile/sub-adult slow worm and ten juvenile grass snake were captured and translocated. No common lizard were sighted or caught during the translocation period.

4.17 The peak capture day was day 1 (09 May 2022), in which nine adult slow worms were caught, in addition to eighteen juvenile and sub-adult slow worms and two juvenile grass snakes.

4.18 A summary of the reptiles captured over the translocation period is provided in Table 4 and Figure 6 below. The full survey results are provided in Appendix C.

Table 4. Summary of adult reptiles captured within the capture area of Phase 3 in 2022

Capture area	Slow worm		Grass snake	
	Total	**Total adults**	**Total**	**Total adults**
Northern boundary (M)	285	135	10	0

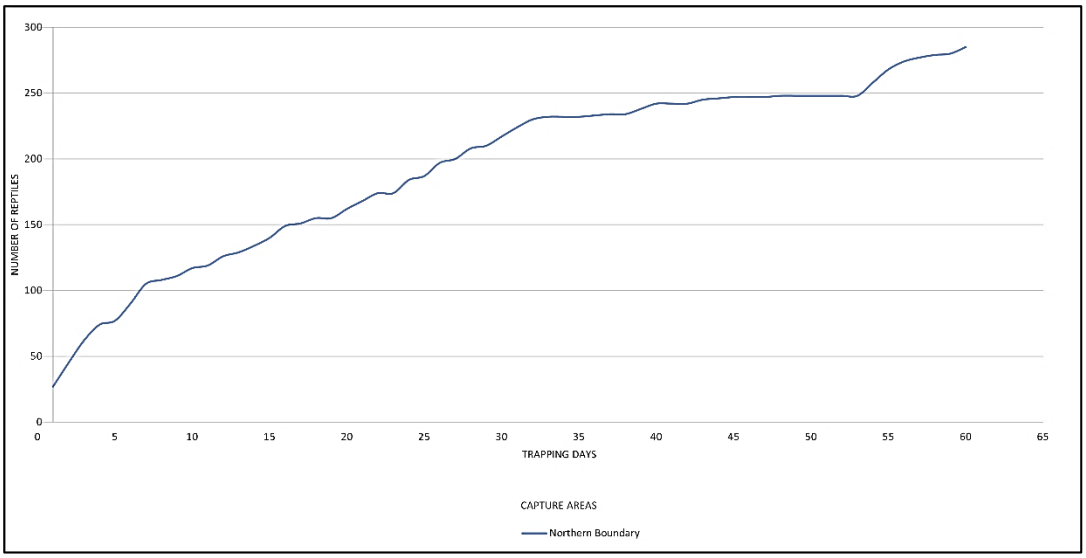


Figure 6. Total adult slow worm captures across the Phase 3 survey area

Phase 2: Translocation Data 2023

4.19 A total of four adult slow worm were captured and translocated after 15 days of trapping. Additionally, four juvenile/sub-adult slow worm were captured and translocated. No common lizard or grass snake were sighted or caught during the translocation period.

4.20 The peak capture day was day 3 (24 August 2023), in which two adult slow worms were caught, in addition to one sub-adult slow worm.

4.21 A summary of the reptiles captured over the translocation period is provided in Table 5 and Figures 7. The full survey results are provided in Appendix C.

Table 5. Summary of adult reptiles captured within the capture area of Phase 2 (Dankton Lane) in 2023

Capture areas	Slow worm	
	Total	Total adults
Dankton Lane Roadside (I)	**8**	**4**

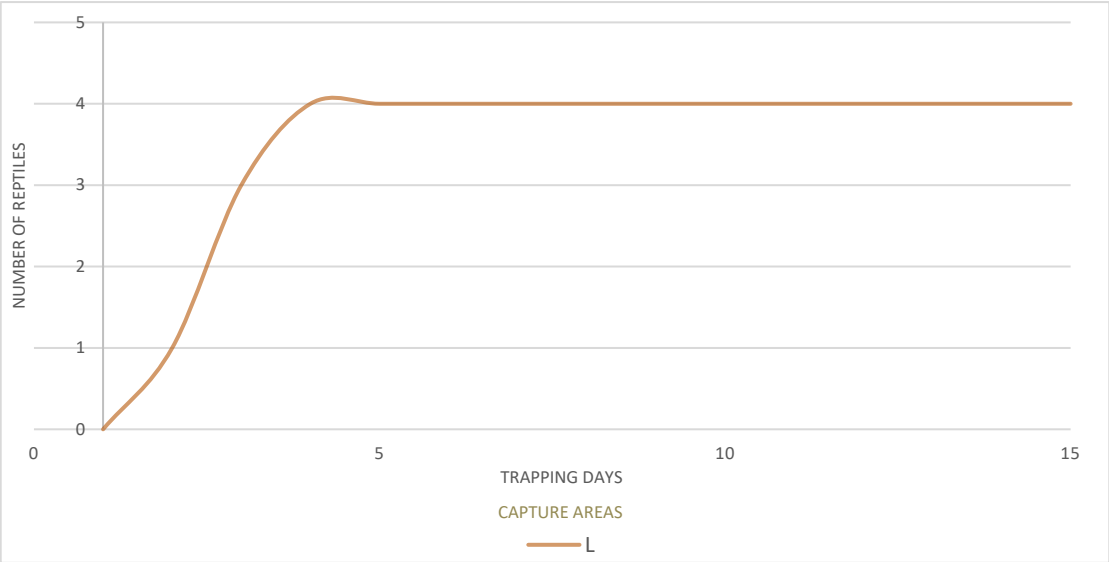


Figure 6. Total adult slow worm captures across the Phase 2 (Dankton Lane) survey area

4.22 Captures began to plateau and show capture depletion towards the end of the trapping period, with the last adult slow worm caught on day four, and the last sub-adult slow worm caught on day 12, followed by three days of no capture events.

4.23 Whilst reptile translocation exercises are unlikely to ever be 100% effective, the capture data indicates that the majority of reptiles present within habitat to be lost as result of development within Phases 1, 2 and 3 of the consented scheme are likely to have been caught and moved to the receptor area.

5.0 SUMMARY

5.1 A reptile translocation was undertaken across all three planned phases of the proposed development at land at West Sompting. The translocation for Phase 1 was undertaken across the spring and summer seasons of 2021 and 2022, translocations within Phases 2 and 3 were undertaken in 2022 only, and the translocation within Phase 2 (Dankton Lane) was finished in October 2023. Reptiles were translocated to a c. 2.6ha receptor to the south.

5.2 Suitable habitat within Phase 1 was subject to 114 days of trapping across 2021 and 2022, with 414 adult slow worms and four adult grass snake translocated across the operation.

5.3 A total of 152 adult slow worms were translocated away from Phase 2 and 135 adult slow worm from Phase 3 in 2022. A further four adult slow worms were translocated away from Phase 2 (Dankton Lane) in 2023. Juvenile and sub-adult slow worm and low numbers of grass snake were also translocated from each phase.

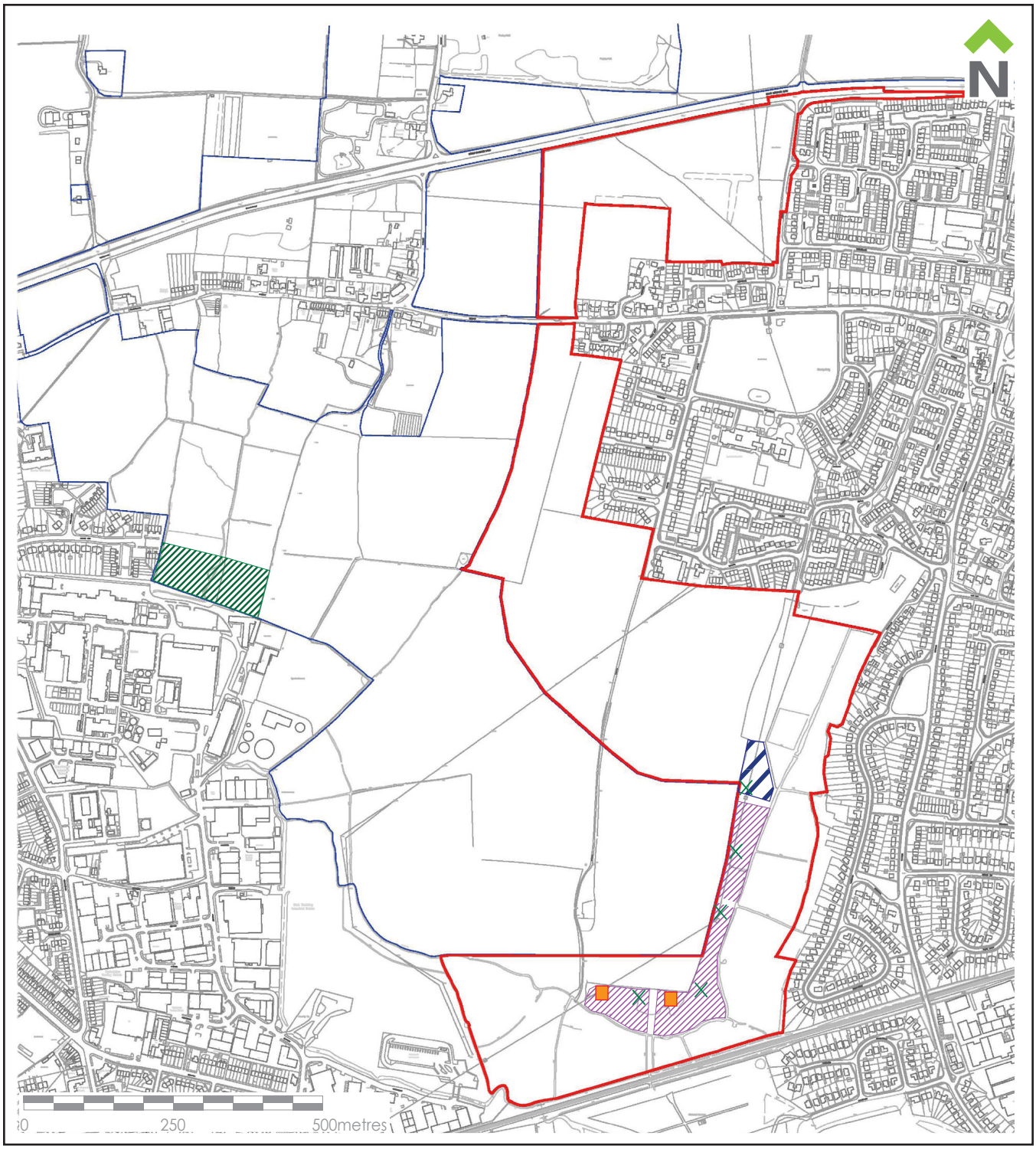
5.4 Monitoring of the translocated reptile population is also required in 2023 and 2025 as per the Reptile Mitigation Strategy. The Reptile Monitoring data for 2023 is in Appendix D.

6.0 REFERENCES

HGBI, 1998. *Evaluating local mitigation/translocation programmes: Maintaining Best Practice and lawful standards.* HGBI advisory notes for Amphibian and Reptile Groups (ARG's). Halesworth: Herpetofauna Groups of Britain and Ireland.

Appendix A

Reptile Mitigation Option Plan (CSA/2134/128/B)



Legend

- Site Boundary
- Sompting Estate Trust wider land holding
- Reptile mitigtion receptor site: Option 1 (c. 1.2ha) - Ruled out
- Reptile mitigation receptor site: Option 2 (c. 2.6ha) - Confirmed
- Additional reptile mitigation receptor extension (backup) (c. 0.3ha)
- Indicative log pile location (x5)
- Indicative Hibernacula location (x2)

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Project	Reptile Mitigation Option Plan	Drawing No. CSA/2134/128	Rev B
Drawing Title	Land at West Sompting, West Sussex	Scale @ A4 See Scale Bar	Drawn AS/AW
Client	Persimmon Homes Thames Valley and Sompting Estate Trustees	Date September 2021	Checked CC

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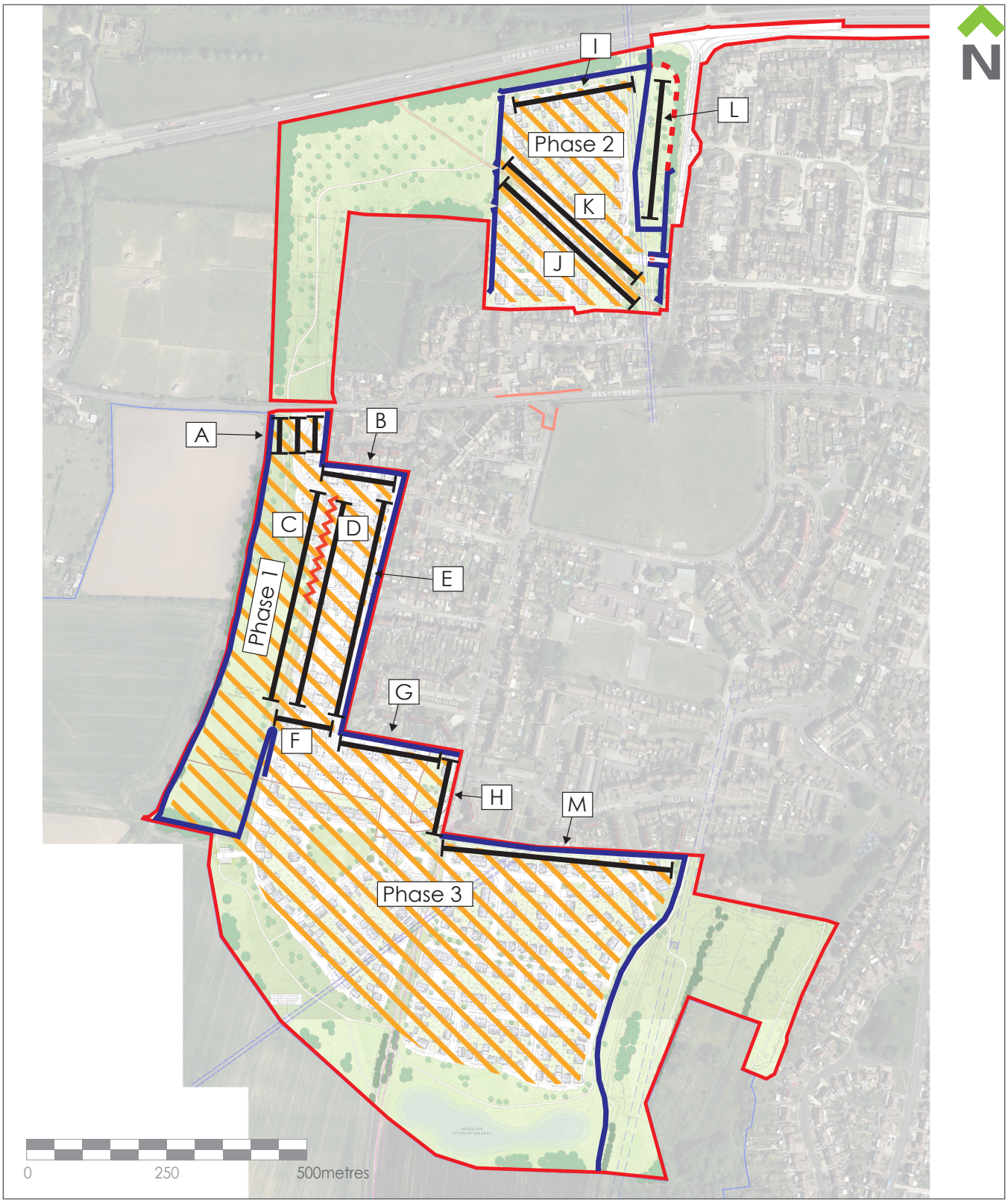
Appendix B

Reptile Translocation and Fencing Plan (CSA/2134/154)



Site boundary

Reptile exclusion fence installed 2021/2022

A — Location of reptile felts and alphanumerical identifier

Reptile exclusion fence to be installed prior to Dankton Lane works

Hedgerow removed 2022

No reptile constraint (reptiles relocated 2022)

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Project: 2134 West Sompting		Drawing No.: CSA/2134/154	Rev: -
Drawing Title: Reptile Translocation and Fencing Plan		Scale: Refer to scale	Drawn: CVJ
Client: Persimmon Homes		Date: April 2023	Checked: CC

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Appendix C

Translocation Survey Results

Job Name & No.	2134 West Sompting																			
Surveyor	Jeff Turton & Fleur Dobner																			
Set-Up Date	14-Aug-23																			
	Slow worm *Anguis fragilis*						Common lizard *Zootoca vivipara*						Grass snake *Natrix natrix*						All Reptiles	
Capture Event	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total	Other notes
1						0						0						0	0	
2		1				1						0						0	1	
3		2		1		3						0						0	3	
4		1				4						0						0	4	
5						4						0						0	4	
6						4						0						0	4	
7						4						0						0	4	
8						4						0						0	4	
9				1		4						0						0	4	
10						4						0						0	4	
11				1		4						0						0	4	
12				1	1	4						0						0	4	
13						4						0						0	4	
14						4						0						0	4	
15						4						0						0	4	

Job Name & No. Surveyor Set-Up Date			2134 Land at West Sompting Area A RB 25.04.2022																		All Reptiles per area
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*							
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Juvenille	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Juvenille	Cumulative total	Cumulative total
09/05/2022	12:25:00	1	AW/LG	16	0	3	Dry	0	0	0	4	0	4	0	0	0	0	0	0	4
10/05/2022	12:00:00	2	LG	14	8	4	Light drizzle	1	0	0	0	0	5	0	0	0	0	0	0	5
11/05/2022	13:00:00	3	AW	13	8	5	After rain; light	1	0	0	0	0	6	0	0	0	0	1	1	7
13/05/2022	12:30:00	4	AW	17	6	5	Dry	0	1	0	0	0	7	0	0	0	0	0	1	8
14/05/2022	12:15:00	5	NI	17	1	4	Dry	0	1	0	0	0	8	0	0	0	0	0	1	9
16/05/2022	12:15:00	6	LG	18	6	4	Dry	0	0	0	0	0	8	0	0	0	0	0	1	9
17/05/2022	10:45:00	7	LG	18	2	3	Dry	0	0	0	0	0	8	0	0	0	0	0	1	9
18/05/2022	10:15:00	8	AW	17	4	2	Dry	1	1	0	1	0	11	0	0	0	0	0	1	12
19/05/2022	17:15:00	9	AW	17	2	4	Dry; after rain	0	0	0	0	0	11	0	0	0	0	0	1	12
21/05/2022	12:00:00	10	KW	17	4	4	Dry	0	0	0	0	0	11	0	0	0	0	0	1	12
22/05/2022	11:30:00	11	RB	18	2	3	Dry	0	0	0	0	0	11	0	0	0	0	0	1	12
24/05/2022	12:00:00	12	RB	15	6	5	Light rain; heavy after completion	0	0	0	0	0	11	0	0	0	0	0	1	12
25/05/2022	12:20:00	13	RB	15	8	6	Intermittent light rain	0	0	0	1	1	13	0	0	0	0	0	1	14
26/05/2022	16:30:00	14	RB	17	4	5	Dry	1	2	0	0	0	16	0	0	0	0	0	1	17
27/05/2022	17:30:00	15	RB	20	0	2	Dry	0	0	0	0	0	16	0	0	0	0	0	1	17
28/05/2022	11:30:00	16	RB	17	5	3	Dry	1	1	0	0	0	18	0	0	0	0	0	1	19
30/05/2022	15:45:00	17	RB	16	4	4	Dry	0	0	0	0	0	18	0	0	0	0	0	1	19
31/05/2022	16:30:00	18	RB	16	3	5	Dry	0	0	0	0	1	19	0	0	0	0	0	1	20
01/06/2022	16:15:00	19	RB	17	6	3	Heavy rain after completion	0	0	0	0	0	19	0	0	0	0	1	2	21
02/06/2022	11:30:00	20	RB	17	6	3	Dry	0	0	0	1	0	20	0	0	0	0	0	2	22
06/06/2022	16:45:00	21	RB	18	3	4	Dry	0	0	0	1	0	21	0	0	0	0	0	2	23
08/06/2022	13:00:00	22	RB	18	4	4	After brief, but intense, rain shower	0	1	0	0	0	22	0	0	0	0	0	2	24
09/06/2022	17:10:00	23	RB	16	7	5	Dry, after rain	0	1	0	0	0	23	0	0	0	0	0	2	25
10/06/2022	12:15:00	24	RB	18	6	4	Dry	1	0	0	0	0	24	0	0	0	0	0	2	26
11/06/2022	17:30:00	25	RB	19	0	5	Dry	0	0	0	0	0	24	0	0	0	0	0	2	26
13/06/2022	11:40:00	26	RB	17	6	4	Dry	1	0	0	0	0	25	0	0	0	0	0	2	27
14/06/2022	11:15:00	27	RB	18	2	3	Dry	0	0	0	0	0	25	0	0	0	0	0	2	27
15/06/2022	10:00:00	28	RB	19	3	3	Dry, after rain	0	1	0	0	0	26	0	0	0	0	0	2	28
23/06/2022	11:30:00	29	RB	19	7	2	Dry	0	1	0	0	0	27	0	0	0	0	0	2	29
24/06/2022	11:45:00	30	RB	18	7	4	Dry	0	2	0	0	0	29	0	0	0	0	0	2	31
25/06/2022	11:30:00	31	RB	17	6	4	Dry	0	0	0	0	2	31	0	0	0	0	0	2	33
26/06/2022	12:00:00	32	RB	18	4	5	Dry	0	0	0	0	0	31	0	0	0	0	0	2	33
27/06/2022	17:30:00	33	RB	18	3	5	Dry	0	0	0	0	0	31	0	0	0	0	0	2	33
28/06/2022	12:15:00	34	RB	18	3	4	Dry	0	0	0	0	0	31	0	0	0	0	0	2	33
29/06/2022	16:45:00	35	RB	18	6	4	Dry	0	0	0	0	1	32	0	0	0	0	0	2	34
30/06/2022	17:00:00	36	RB	18	4	4	Dry	0	0	0	0	0	32	0	0	0	0	0	2	34
01/07/2022	17:00:00	37	RB	18	3	5	Dry	0	0	0	0	0	32	0	0	0	0	0	2	34
03/07/2022	12:05:00	38	RB	18	7	4	Dry	0	0	0	0	0	32	0	0	0	0	0	2	34
04/07/2022	10:15:00	39	RB	17	3	3	Dry	0	1	0	0	0	33	0	0	0	0	0	2	35
05/07/2022	09:30:00	40	RB	18	2	2	Dry	0	0	0	0	0	33	0	0	0	0	0	2	35
06/07/2022	11:15:00	41	RB	20	7	2	Dry	0	0	0	0	0	33	0	0	0	0	0	2	35
07/07/2022	11:15:00	42	RB	19	8	3	Dry	1	0	0	0	0	34	0	0	0	0	0	2	36
22/07/2022	10:15:00	43	RB	19	8	4	Dry	0	0	0	0	0	34	0	0	0	0	0	2	36
23/07/2022	10:00:00	44	RB	20	2	3	Dry	0	1	0	0	0	35	0	0	0	0	0	2	37
24/07/2022	10:15:00	45	RB	20	4	4	Dry	0	0	0	0	0	35	0	0	0	0	0	2	37
25/07/2022	10:15:00	46	RB	19	6	6	Dry	0	0	0	0	0	35	0	0	0	0	0	2	37
26/07/2022	10:30:00	47	RB	19	6	3	Dry	0	0	0	1	0	36	0	0	0	0	0	2	38
27/07/2022	16:15:00	48	RB	21	7	3	Dry	0	0	0	0	0	36	0	0	0	0	0	2	38
28/07/2022	10:15:00	49	RB	20	7	3	Dry	0	0	0	0	0	36	0	0	0	0	0	2	38
04/08/2022	09:15:00	50	RB	19	3	3	Dry	0	0	0	0	0	36	0	0	0	0	0	2	38
05/08/2022	08:15:00	51	RB	16	3	5	Dry	0	0	0	0	0	36	0	0	0	0	0	2	38
06/08/2022	08:45:00	52	RB	16	2	4	Dry	0	0	0	0	0	36	0	0	0	0	0	2	38
21/09/2022	13:00:00	53	RB	18	3	2	Dry	0	3	0	0	1	40	0	0	0	0	0	2	42

22/09/2022	13:15:00	54	RB	17	3	3	Dry	0	3	0	0	0	43	0	0	0	0	0	2	45
24/09/2022	13:30:00	55	RB	18	4	4	Dry	0	0	0	0	0	43	0	0	0	0	0	2	45
25/09/2022	16:15:00	56	RB	16	7	3	Dry	0	0	0	0	0	43	0	0	0	0	0	2	45
26/09/2022	13:45:00	57	RB	16	6	5	Dry	0	1	0	0	0	44	0	0	0	0	0	2	46
27/09/2022	13:30:00	58	RB	14	7	4	Dry	0	0	0	0	0	44	0	0	0	0	0	2	46
28/09/2022	13:30:00	59	RB	15	6	3	Dry	0	0	0	0	0	44	0	0	0	0	0	2	46

Job Name & No.			2134 Land at West Sompting Area B																		All Reptiles
Surveyor			RB																		
Set-Up Date			25.04.2022																		
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*							
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total
09/05/2022	12:25:00	1	AW/LG	16	0	3	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
10/05/2022	12:00:00	2	LG	14	8	4	Light drizzle	0	0	0	0	0	0	0	0	0	0	0	0	0
11/05/2022	13:00:00	3	AW	13	8	5	After rain; light	0	0	0	0	0	0	0	0	0	0	0	0	0
13/05/2022	12:30:00	4	AW	17	6	5	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
14/05/2022	12:15:00	5	NI	17	1	4	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
16/05/2022	12:15:00	6	LG	18	6	4	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
17/05/2022	10:45:00	7	LG	18	2	3	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
18/05/2022	10:15:00	8	AW	17	4	2	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
19/05/2022	17:15:00	9	AW	17	2	4	Dry; after rain	0	0	0	1	0	1	0	0	0	0	0	0	1
21/05/2022	12:00:00	10	KW	17	4	4	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
22/05/2022	11:30:00	11	RB	18	2	3	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
24/05/2022	12:00:00	12	RB	15	6	5	Light rain; heavy after completion	0	0	0	0	0	1	0	0	0	0	0	0	1
25/05/2022	12:20:00	13	RB	15	8	6	Intermittent light rain	0	0	0	0	0	1	0	0	0	0	0	0	1
26/05/2022	16:30:00	14	RB	17	4	5	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
27/05/2022	17:30:00	15	RB	20	0	2	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
28/05/2022	11:30:00	16	RB	17	5	3	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
30/05/2022	15:45:00	17	RB	16	4	4	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
31/05/2022	16:30:00	18	RB	16	3	5	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
01/06/2022	16:15:00	19	RB	17	6	3	Heavy rain after completion	0	0	0	0	0	1	0	0	0	0	0	0	1
02/06/2022	11:30:00	20	RB	17	6	3	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
06/06/2022	16:45:00	21	RB	18	3	4	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
08/06/2022	13:00:00	22	RB	18	4	4	After brief, but intense, rain shower	0	0	0	0	0	1	0	0	0	0	0	0	1
09/06/2022	17:10:00	23	RB	16	7	5	Dry, after rain	1	0	0	0	0	2	0	0	0	0	0	0	2
10/06/2022	12:15:00	24	RB	18	6	4	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
11/06/2022	17:30:00	25	RB	19	0	5	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
13/06/2022	11:40:00	26	RB	17	6	4	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
14/06/2022	11:15:00	27	RB	18	2	3	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
15/06/2022	10:00:00	28	RB	19	3	3	Dry, after rain	0	0	0	0	0	2	0	0	0	0	0	0	2
23/06/2022	11:30:00	29	RB	19	7	2	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
24/06/2022	11:45:00	30	RB	18	7	4	Dry	0	1	0	0	0	3	0	0	0	0	0	0	3
25/06/2022	11:30:00	31	RB	17	6	4	Dry	0	0	0	1	0	4	0	0	0	0	0	0	4
26/06/2022	12:00:00	32	RB	18	4	5	Dry	0	0	0	0	0	4	0	0	0	0	0	0	4
27/06/2022	17:30:00	33	RB	18	3	5	Dry	0	0	0	0	0	4	0	0	0	0	0	0	4
28/06/2022	12:15:00	34	RB	18	3	4	Dry	0	0	0	0	0	4	0	0	0	0	0	0	4
29/06/2022	16:45:00	35	RB	18	6	4	Dry	0	0	0	1	0	5	0	0	0	0	0	0	5
30/06/2022	17:00:00	36	RB	18	4	4	Dry	0	0	0	0	0	5	0	0	0	0	0	0	5
01/07/2022	17:00:00	37	RB	18	3	5	Dry	0	0	0	0	0	5	0	0	0	0	0	0	5
03/07/2022	12:05:00	38	RB	18	7	4	Dry	0	1	0	0	0	6	0	0	0	0	0	0	6
04/07/2022	10:15:00	39	RB	17	3	3	Dry	0	0	0	0	0	6	0	0	0	0	0	0	6
05/07/2022	09:30:00	40	RB	18	2	2	Dry	0	0	0	0	0	6	0	0	0	0	0	0	6
06/07/2022	11:15:00	41	RB	20	7	2	Dry	0	0	0	0	0	6	0	0	0	0	0	0	6
07/07/2022	11:15:00	42	RB	19	8	3	Dry	0	0	0	0	0	6	0	0	0	0	0	0	6
22/07/2022	10:15:00	43	RB	19	8	4	Dry	0	0	0	1	0	7	0	0	0	0	0	0	7
23/07/2022	10:00:00	44	RB	20	2	3	Dry	0	0	0	0	0	7	0	0	0	0	0	0	7
24/07/2022	10:15:00	45	RB	20	4	4	Dry	0	0	0	0	0	7	0	0	0	0	0	0	7
25/07/2022	10:15:00	46	RB	19	6	6	Dry	0	0	0	0	0	7	0	0	0	0	0	0	7
26/07/2022	10:30:00	47	RB	19	6	3	Dry	0	0	0	0	0	7	0	0	0	0	0	0	7
27/07/2022	16:15:00	48	RB	21	7	3	Dry	0	0	0	0	0	7	0	0	0	0	0	0	7
28/07/2022	10:15:00	49	RB	20	7	3	Dry	0	0	0	0	0	7	0	0	0	0	0	0	7
04/08/2022	09:15:00	50	RB	19	3	3	Dry	0	0	0	1	0	8	0	0	0	0	0	0	8
05/08/2022	08:15:00	51	RB	16	3	5	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
06/08/2022	08:45:00	52	RB	16	2	4	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
21/09/2022	13:00:00	53	RB	18	3	2	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8

22/09/2022	13:15:00	54	RB	17	3	3	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
24/09/2022	13:30:00	55	RB	18	4	4	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
25/09/2022	16:15:00	56	RB	16	7	3	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
26/09/2022	13:45:00	57	RB	16	6	5	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
27/09/2022	13:30:00	58	RB	14	7	4	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
28/09/2022	13:30:00	59	RB	15	6	3	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8

Job Name & No.			2134 Land at West Sompting Area E																		
Surveyor			RB																		
Set-Up Date			25.04.2022																		
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*						All Reptiles
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total
09/05/2022	12:25:00	1	RB	16	0	3	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
10/05/2022	12:00:00	2	RB	14	8	4	Light drizzle	0	0	0	0	0	0	0	0	0	0	0	0	0
11/05/2022	13:00:00	3	RB	13	8	5	After rain; light	0	0	0	0	0	0	0	0	0	0	0	0	0
13/05/2022	12:30:00	4	RB	17	6	5	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
14/05/2022	12:15:00	5	RB	17	1	4	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
16/05/2022	12:15:00	6	RB	18	6	4	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
17/05/2022	10:45:00	7	RB	18	2	3	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
18/05/2022	10:15:00	8	RB	17	4	2	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
19/05/2022	17:15:00	9	RB	17	2	4	Dry; after rain	0	0	0	0	0	0	0	0	0	0	0	0	0
21/05/2022	12:00:00	10	RB	17	4	4	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
22/05/2022	11:30:00	11	RB	18	2	3	Dry	1	0	0	0	0	1	0	0	0	0	0	0	1
24/05/2022	12:00:00	12	RB	15	6	5	Light rain; heavy after completion	0	0	0	0	0	1	0	0	0	0	0	0	1
25/05/2022	12:20:00	13	RB	15	8	6	Intermittent light rain	0	0	0	0	0	1	0	0	0	0	0	0	1
26/05/2022	16:30:00	14	RB	17	4	5	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
27/05/2022	17:30:00	15	RB	20	0	2	Dry	0	0	0	0	0	1	0	0	0	0	0	0	1
28/05/2022	11:30:00	16	RB	17	5	3	Dry	1	0	0	0	0	2	0	0	0	0	0	0	2
30/05/2022	15:45:00	17	RB	16	4	4	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
31/05/2022	16:30:00	18	RB	16	3	5	Dry	0	1	0	0	0	3	0	0	0	0	0	0	3
01/06/2022	16:15:00	19	RB	17	6	3	Heavy rain after completion	0	0	0	0	0	3	0	0	0	0	0	0	3
02/06/2022	11:30:00	20	RB	17	6	3	Dry	0	0	0	0	0	3	0	0	0	0	0	0	3
06/06/2022	16:45:00	21	RB	18	3	4	Dry	0	0	0	0	0	3	0	0	0	0	0	0	3
08/06/2022	13:00:00	22	RB	18	4	4	After brief, but intense, rain shower	1	1	0	0	0	5	0	0	0	0	0	0	5
09/06/2022	17:10:00	23	RB	16	7	5	Dry, after rain	1	0	0	0	0	6	0	0	0	0	0	0	6
10/06/2022	12:15:00	24	RB	18	6	4	Dry	0	0	0	0	1	7	0	0	0	0	0	0	7
11/06/2022	17:30:00	25	RB	19	0	5	Dry	0	1	0	0	0	8	0	0	0	0	0	0	8
13/06/2022	11:40:00	26	RB	17	6	4	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
14/06/2022	11:15:00	27	RB	18	2	3	Dry	0	1	0	0	0	9	0	0	0	0	0	0	9
15/06/2022	10:00:00	28	RB	19	3	3	Dry, after rain	0	0	0	0	0	9	0	0	0	0	0	0	9
23/06/2022	11:30:00	29	RB	19	7	2	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
24/06/2022	11:45:00	30	RB	18	7	4	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
25/06/2022	11:30:00	31	RB	17	6	4	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
26/06/2022	12:00:00	32	RB	18	4	5	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
27/06/2022	17:30:00	33	RB	18	3	5	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
28/06/2022	12:15:00	34	RB	18	3	4	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
29/06/2022	16:45:00	35	RB	18	6	4	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
30/06/2022	17:00:00	36	RB	18	4	4	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
01/07/2022	17:00:00	37	RB	18	3	5	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
03/07/2022	12:05:00	38	RB	18	7	4	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
04/07/2022	10:15:00	39	RB	17	3	3	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
05/07/2022	09:30:00	40	RB	18	2	2	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
06/07/2022	11:15:00	41	RB	20	7	2	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
07/07/2022	11:15:00	42	RB	19	8	3	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
22/07/2022	10:15:00	43	RB	19	8	4	Dry	0	0	0	1	0	10	0	0	0	0	0	0	10
23/07/2022	10:00:00	44	RB	20	2	3	Dry	0	0	0	0	0	10	0	0	0	0	0	0	10
24/07/2022	10:15:00	45	RB	20	4	4	Dry	0	0	0	0	0	10	0	0	0	0	0	0	10
25/07/2022	10:15:00	46	RB	19	6	6	Dry	0	0	0	0	0	10	0	0	0	0	0	0	10
26/07/2022	10:30:00	47	RB	19	6	3	Dry	0	0	0	0	0	10	0	0	0	0	0	0	10
27/07/2022	16:15:00	48	RB	21	7	3	Dry	0	0	0	0	0	10	0	0	0	0	0	0	10
28/07/2022	10:15:00	49	RB	20	7	3	Dry	0	1	0	0	0	11	0	0	0	0	0	0	11
04/08/2022	09:15:00	50	RB	19	3	3	Dry	0	0	0	0	0	11	0	0	0	0	0	0	11
05/08/2022	08:15:00	51	RB	16	3	5	Dry	0	0	0	0	0	11	0	0	0	0	0	0	11
06/08/2022	08:45:00	52	RB	16	2	4	Dry	0	0	0	0	0	11	0	0	0	0	0	0	11
21/09/2022	13:00:00	53	RB	18	3	2	Dry	0	1	0	1	0	13	0	0	0	0	0	0	13
22/09/2022	13:15:00	54	RB	17	3	3	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13
24/09/2022	13:30:00	55	RB	18	4	4	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13

25/09/2022	16:15:00	56	RB	16	7	3	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13
26/09/2022	13:45:00	57	RB	16	6	5	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13
27/09/2022	13:30:00	58	RB	14	7	4	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13
28/09/2022	13:30:00	59	RB	15	6	3	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13

Job Name & No.			2134 Land at West Sompting Area G																		
Surveyor			RB																		
Set-Up Date			25.04.2022																		
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*							All Reptiles
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total
09/05/2022	12:25:00	1	RB	16	0	3	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0
10/05/2022	12:00:00	2	RB	14	8	4	Light drizzle	0	1	0	0	0	1	0	0	0	0	0	0	1
11/05/2022	13:00:00	3	RB	13	8	5	After rain; light	0	0	0	0	0	1	0	0	0	0	0	0	1
13/05/2022	12:30:00	4	RB	17	6	5	Dry	0	1	0	0	0	2	0	0	0	0	0	0	2
14/05/2022	12:15:00	5	RB	17	1	4	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
16/05/2022	12:15:00	6	RB	18	6	4	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
17/05/2022	10:45:00	7	RB	18	2	3	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
18/05/2022	10:15:00	8	RB	17	4	2	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
19/05/2022	17:15:00	9	RB	17	2	4	Dry; after rain	0	0	0	0	0	2	0	0	0	0	0	0	2
21/05/2022	12:00:00	10	RB	17	4	4	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
22/05/2022	11:30:00	11	RB	18	2	3	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
24/05/2022	12:00:00	12	RB	15	6	5	Light rain; heavy after completion	1	1	0	1	0	5	0	0	0	0	0	0	5
25/05/2022	12:20:00	13	RB	15	8	6	Intermittent light rain	0	0	0	0	0	5	0	0	0	0	0	0	5
26/05/2022	16:30:00	14	RB	17	4	5	Dry	1	0	0	1	0	7	0	0	0	0	0	0	7
27/05/2022	17:30:00	15	RB	20	0	2	Dry	1	0	0	0	0	8	0	0	0	0	0	0	8
28/05/2022	11:30:00	16	RB	17	5	3	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
30/05/2022	15:45:00	17	RB	16	4	4	Dry	0	1	0	0	0	9	0	0	0	0	0	0	9
31/05/2022	16:30:00	18	RB	16	3	5	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
01/06/2022	16:15:00	19	RB	17	6	3	Heavy rain after completion	0	0	0	0	0	9	0	0	0	0	0	0	9
02/06/2022	11:30:00	20	RB	17	6	3	Dry	0	0	0	0	0	9	0	0	0	0	0	0	9
06/06/2022	16:45:00	21	RB	18	3	4	Dry	1	1	0	0	0	11	0	0	0	1	0	1	12
08/06/2022	13:00:00	22	RB	18	4	4	After brief, but intense, rain shower	1	0	0	0	0	12	0	0	0	0	0	0	12
09/06/2022	17:10:00	23	RB	16	7	5	Dry, after rain	0	0	0	1	0	13	0	0	0	0	0	0	13
10/06/2022	12:15:00	24	RB	18	6	4	Dry	1	0	0	0	0	14	0	0	0	0	0	0	14
11/06/2022	17:30:00	25	RB	19	0	5	Dry	0	1	0	0	0	15	0	0	0	0	0	0	15
13/06/2022	11:40:00	26	RB	17	6	4	Dry	0	2	0	1	0	18	0	0	0	0	0	0	18
14/06/2022	11:15:00	27	RB	18	2	3	Dry	0	0	0	0	0	18	0	0	0	0	0	0	18
15/06/2022	10:00:00	28	RB	19	3	3	Dry, after rain	0	0	0	0	0	18	0	0	0	0	0	0	18
23/06/2022	11:30:00	29	RB	19	7	2	Dry	0	2	0	1	0	21	0	0	0	0	0	0	21
24/06/2022	11:45:00	30	RB	18	7	4	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
25/06/2022	11:30:00	31	RB	17	6	4	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
26/06/2022	12:00:00	32	RB	18	4	5	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
27/06/2022	17:30:00	33	RB	18	3	5	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
28/06/2022	12:15:00	34	RB	18	3	4	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
29/06/2022	16:45:00	35	RB	18	6	4	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
30/06/2022	17:00:00	36	RB	18	4	4	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
01/07/2022	17:00:00	37	RB	18	3	5	Dry	1	0	0	0	0	22	0	0	0	0	0	0	22
03/07/2022	12:05:00	38	RB	18	7	4	Dry	0	0	0	0	0	22	0	0	0	0	0	0	22
04/07/2022	10:15:00	39	RB	17	3	3	Dry	0	0	0	0	1	23	0	0	0	0	0	0	23
05/07/2022	09:30:00	40	RB	18	2	2	Dry	0	0	0	0	0	23	0	0	0	0	0	0	23
06/07/2022	11:15:00	41	RB	20	7	2	Dry	0	0	0	0	0	23	0	0	0	0	0	0	23
07/07/2022	11:15:00	42	RB	19	8	3	Dry	0	0	0	0	0	23	0	0	0	0	0	0	23
22/07/2022	10:15:00	43	RB	19	8	4	Dry	0	1	0	0	0	24	0	0	0	0	0	0	24
23/07/2022	10:00:00	44	RB	20	2	3	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
24/07/2022	10:15:00	45	RB	20	4	4	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
25/07/2022	10:15:00	46	RB	19	6	6	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
26/07/2022	10:30:00	47	RB	19	6	3	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
27/07/2022	16:15:00	48	RB	21	7	3	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
28/07/2022	10:15:00	49	RB	20	7	3	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
04/08/2022	09:15:00	50	RB	19	3	3	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
05/08/2022	08:15:00	51	RB	16	3	5	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
06/08/2022	08:45:00	52	RB	16	2	4	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
21/09/2022	13:00:00	53	RB	18	3	2	Dry	0	0	0	0	0	24	0	0	0	0	0	0	24
22/09/2022	13:15:00	54	RB	17	3	3	Dry	0	0	0	3	0	27	0	0	0	0	0	0	27
24/09/2022	13:30:00	55	RB	18	4	4	Dry	0	0	0	0	1	28	0	0	0	0	0	0	28

25/09/2022	16:15:00	56	RB	16	7	3	Dry	0	0	0	0	0	28	0	0	0	0	0	0	28
26/09/2022	13:45:00	57	RB	16	6	5	Dry	0	0	0	0	0	28	0	0	0	0	0	0	28
27/09/2022	13:30:00	58	RB	14	7	4	Dry	0	0	0	0	0	28	0	0	0	0	0	0	28
28/09/2022	13:30:00	59	RB	15	6	3	Dry	0	0	0	0	0	28	0	0	0	0	0	0	28

Job Name & No. Surveyor Set-Up Date			2134 Land at West Sompting: Dankton Lane Roadside RB 25.04.2022																		All Reptiles per area
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*							
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Juvenille	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Juvenille	Cumulative total	Cumulative total
09/05/2022	09:25:00	1	RB	14	0	3	None	0	0	0	3	0	3	0	0	0	0	0	0	3
10/05/2022	10:00:00	2	RB	13	8	4	Some light drizzle	1	0	0	0	0	4	0	0	0	0	0	0	4
11/05/2022	10:30:00	3	RB	15	7	5	Dry	0	1	0	0	0	5	0	0	0	0	0	0	5
13/05/2022	10:00:00	4	RB	15	6	5	Dry	0	0	0	3	0	8	0	0	0	0	0	0	8
14/05/2022	10:00:00	5	RB	15	1	4	Dry	0	0	0	0	0	8	0	0	0	0	0	0	8
16/05/2022	10:00:00	6	RB	15	8	4	Very light rain at times	0	0	0	3	0	11	0	0	0	0	0	0	11
17/05/2022	12:00:00	7	RB	19	2	3	Dry	0	1	0	1	0	13	0	0	0	0	0	0	13
18/05/2022	11:00:00	8	RB	19	4	2	Dry	0	0	0	0	0	13	0	0	0	0	0	0	13
19/05/2022	15:45:00	9	RB	18	4	4	Dry	0	0	0	1	1	15	0	0	0	0	0	0	15
21/05/2022	09:45:00	10	RB	16	4	3	Dry	0	0	0	0	1	16	0	0	0	0	0	0	16
22/05/2022	09:30:00	11	RB	16	0	2		0	0	0	1	1	18	0	0	0	0	0	0	18
24/05/2022	09:45:00	12	RB	14	6	4	Dry	0	1	0	4	1	24	0	0	0	0	0	0	24
25/05/2022	10:20:00	13	RB	14	8	5	Very light rain at times	0	0	0	2	8	34	0	0	0	0	0	0	34
26/05/2022	14:30:00	14	RB	16	8	5	Dry	0	1	0	4	4	43	0	0	0	0	0	0	43
27/05/2022	15:30:00	15	RB	21	0	2	Dry	0	0	0	0	0	43	0	0	0	0	0	0	43
28/05/2022	09:45:00	16	RB	15	3	4	Dry	0	1	0	2	0	46	0	0	0	0	0	0	46
30/05/2022	14:45:00	17	RB	16	7	3	Dry	0	1	0	1	3	51	0	0	0	0	0	0	51
31/05/2022	14:45:00	18	RB	15	4	5	Dry	0	0	0	1	2	54	0	0	0	0	0	0	54
01/06/2022	14:45:00	19	RB	17	6	4	Y heavy shower during second half of ra	0	1	0	0	7	62	0	0	0	0	0	0	62
02/06/2022	09:45:00	20	RB	16	4	4	Dry	0	0	0	0	0	62	0	0	0	0	0	0	62
06/06/2022	15:00:00	21	RB	19	4	4	Dry	0	0	0	8	6	76	0	0	0	0	0	0	76
08/06/2022	11:00:00	22	RB	17	7	5	Dry	0	0	0	0	5	81	0	0	0	0	0	0	81
09/06/2022	15:10:00	23	RB	18	7	4	Dry	0	1	0	2	4	88	0	0	0	0	0	0	88
10/06/2022	10:30:00	24	RB	18	6	4	Dry	0	1	0	0	0	89	0	0	0	0	0	0	89
11/06/2022	15:30:00	25	RB	20	2	4	Dry	0	0	0	0	0	89	0	0	0	0	0	0	89
13/06/2022	09:40:00	26	RB	17	3	3	Dry	0	0	0	0	1	90	0	0	0	0	0	0	90
14/06/2022	09:15:00	27	RB	17	3	2	Dry	0	0	0	0	1	91	0	0	0	0	0	0	91
15/06/2022	08:00:00	28	RB	16	3	3	Dry	0	0	0	3	0	94	0	0	0	0	0	0	94
19/06/2022	10:00:00	29	RB	15	7	4	Dry	0	0	0	1	3	98	0	0	0	0	0	0	98
23/06/2022	09:15:00	30	RB	16	8	3	After light rain	0	0	0	0	0	98	0	0	0	0	0	0	98
24/06/2022	10:00:00	31	RB	18	8	4	Dry	0	1	0	1	3	103	0	0	0	0	0	0	103
25/06/2022	10:00:00	32	RB	17	6	4	Dry	0	1	0	0	4	108	0	0	0	0	0	0	108
26/06/2022	10:15:00	33	RB	17	4	5	Dry	0	0	0	0	0	108	0	0	0	0	0	0	108
27/06/2022	15:15:00	34	RB	19	4	5	Dry	0	1	0	0	0	109	0	0	0	0	0	0	109
28/06/2022	10:15:00	35	RB	17	6	4	Dry	0	0	0	0	0	109	0	0	0	0	0	0	109
29/06/2022	15:00:00	36	RB	18	7	4	After morning rain	0	2	0	2	1	114	0	0	0	0	0	0	114
30/06/2022	15:15:00	37	RB	19	6	4	Dry	0	1	0	0	0	115	0	0	0	0	0	0	115
01/07/2022	15:15:00	38	RB	19	2	5	Dry	0	0	0	0	0	115	0	0	0	0	0	0	115
03/07/2022	10:20:00	39	RB	18	6	3	Dry	0	0	0	0	0	115	0	0	0	0	0	0	115
04/07/2022	08:15:00	40	RB	16	3	3	Dry	0	0	0	0	0	115	0	0	0	0	0	0	115
05/07/2022	14:30:00	41	RB	22	4	2	Dry	0	0	0	0	0	115	0	0	0	0	0	0	115
06/07/2022	09:30:00	42	RB	19	6	4	Dry	0	0	0	0	0	115	0	0	0	0	0	0	115
07/07/2022	09:15:00	43	RB	17	8	4	Dry	0	0	0	1	0	116	0	0	0	0	0	0	116
22/07/2022	08:30:00	44	RB	19	6	4	Dry	0	0	0	0	0	116	0	0	0	0	0	0	116
23/07/2022	08:15:00	45	RB	19	2	2	Dry	0	0	0	0	0	116	0	0	0	0	0	0	116
24/07/2022	08:30:00	46	RB	19	3	4	Dry	0	0	0	0	0	116	0	0	0	0	0	0	116
25/07/2022	08:15:00	47	RB	18	7	5	Dry	0	0	0	0	1	117	0	0	0	0	0	0	117
26/07/2022	08:30:00	48	RB	18	6	2	Dry	0	0	0	0	0	117	0	0	0	0	0	0	117
27/07/2022	14:30:00	49	RB	21	7	3	Dry	0	0	0	1	0	118	0	0	0	0	0	0	118
28/07/2022	08:30:00	50	RB	19	7	3	Dry	0	0	0	0	0	118	0	0	0	0	0	0	118
04/08/2022	07:30:00	51	RB	18	3	3	Dry	0	0	0	0	0	118	0	0	0	0	0	0	118

05/08/2022	09:00:00	52	RB	18	0	4	Dry	0	0	0	0	0	118	0	0	0	0	0	0	118
06/08/2022	09:30:00	53	RB	18	0	3	Dry	0	0	0	0	0	118	0	0	0	0	0	0	118
21/09/2022	10:45:00	54	RB	16	2	2	Dry	0	0	0	1	1	120	0	0	0	0	0	0	120
22/09/2022	11:15:00	55	RB	15	7	3	Dry	1	1	0	0	4	126	0	0	0	0	0	0	126
24/09/2022	11:30:00	56	RB	17	4	4	Dry	0	0	0	2	1	129	0	0	0	0	0	0	129
25/09/2022	14:15:00	57	RB	17	4	3	Dry	0	0	0	0	0	129	0	0	0	0	0	0	129
26/09/2022	11:45:00	58	RB	15	6	5	After rain	0	0	0	1	0	130	0	0	0	0	0	0	130
27/09/2022	11:30:00	59	RB	14	7	4	Light rain showers	0	0	0	0	0	130	0	0	0	0	0	0	130
28/09/2022	11:45:00	60	RB	14	6	3	Dry	0	0	0	0	0	130	0	0	0	0	0	0	130

Job Name & No.			2134 Land at West Sompting: Dankton Lane Treeline																	
Surveyor			RB																	
Set-Up Date			25.04.2022																	
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*						All Reptiles
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total
09/05/2022	09:25:00	1	RB	14	0	3	None	0	4	0	6	5	15	0	0	0	0	0	0	15
10/05/2022	10:00:00	2	RB	13	8	4	Some light drizzle	0	3	0	3	0	21	0	0	0	0	0	0	21
11/05/2022	10:30:00	3	RB	15	7	5	Dry	0	3	0	3	2	29	0	0	0	0	0	0	29
13/05/2022	10:00:00	4	RB	15	6	5	Dry	1	4	0	2	1	37	0	0	0	0	0	0	37
14/05/2022	10:00:00	5	RB	15	1	4	Dry	0	0	0	1	2	40	0	0	0	0	0	0	40
16/05/2022	10:00:00	6	RB	15	8	4	Very light rain at times	0	4	0	2	1	47	0	0	0	0	0	0	47
17/05/2022	12:00:00	7	RB	19	2	3	Dry	0	1	0	3	0	51	0	0	0	0	0	0	51
18/05/2022	11:00:00	8	RB	19	4	2	Dry	0	3	0	2	0	56	0	0	0	0	0	0	56
19/05/2022	15:45:00	9	RB	18	4	4	Dry	0	2	0	2	0	60	0	0	0	0	0	0	60
21/05/2022	09:45:00	10	RB	16	4	3	Dry	0	1	0	0	1	62	0	0	0	0	0	0	62
22/05/2022	09:30:00	11	RB	16	0	2		0	3	0	1	0	66	0	0	0	0	0	0	66
24/05/2022	09:45:00	12	RB	14	6	4	Dry	0	1	0	1	1	69	0	0	0	0	0	0	69
25/05/2022	10:20:00	13	RB	14	8	5	Very light rain at times	0	1	0	1	0	71	0	0	0	0	0	0	71
26/05/2022	14:30:00	14	RB	16	8	5	Dry	0	4	0	0	0	75	0	0	0	0	0	0	75
27/05/2022	15:30:00	15	RB	21	0	2	Dry	0	1	0	0	0	76	0	0	0	0	0	0	76
28/05/2022	09:45:00	16	RB	15	3	4	Dry	0	1	0	2	1	80	0	0	0	0	0	0	80
30/05/2022	14:45:00	17	RB	16	7	3	Dry	0	0	0	0	1	81	0	0	0	0	0	0	81
31/05/2022	14:45:00	18	RB	15	4	5	Dry	0	1	0	1	0	83	0	0	0	0	0	0	83
01/06/2022	14:45:00	19	RB	17	6	4	Y heavy shower during second half of ra	0	0	0	0	0	83	0	0	0	0	0	0	83
02/06/2022	09:45:00	20	RB	16	4	4	Dry	0	0	0	0	2	85	0	0	0	0	0	0	85
06/06/2022	15:00:00	21	RB	19	4	4	Dry	0	3	0	2	2	92	0	0	0	0	0	0	92
08/06/2022	11:00:00	22	RB	17	7	5	Dry	0	2	0	3	1	98	0	0	0	0	0	0	98
09/06/2022	15:10:00	23	RB	18	7	4	Dry	0	0	0	0	0	98	0	0	0	0	0	0	98
10/06/2022	10:30:00	24	RB	18	6	4	Dry	1	3	0	0	0	102	0	0	0	0	0	0	102
11/06/2022	15:30:00	25	RB	20	2	4	Dry	0	2	0	0	1	105	0	0	0	0	0	0	105
13/06/2022	09:40:00	26	RB	17	3	3	Dry	0	1	0	1	1	108	0	0	0	0	0	0	108
14/06/2022	09:15:00	27	RB	17	3	2	Dry	1	1	0	2	0	112	0	0	0	0	0	0	112
15/06/2022	08:00:00	28	RB	16	3	3	Dry	0	0	0	0	1	113	0	0	0	0	0	0	113
19/06/2022	10:00:00	29	RB	15	7	4	Dry	0	1	0	0	0	114	0	0	0	0	0	0	114
23/06/2022	09:15:00	30	RB	16	8	3	After light rain	0	0	0	1	1	116	0	0	0	0	0	0	116
24/06/2022	10:00:00	31	RB	18	8	4	Dry	0	3	0	2	0	121	0	0	0	0	0	0	121
25/06/2022	10:00:00	32	RB	17	6	4	Dry	0	0	0	0	0	121	0	0	0	0	0	0	121
26/06/2022	10:15:00	33	RB	17	4	5	Dry	0	2	0	0	1	124	0	0	0	0	0	0	124
27/06/2022	15:15:00	34	RB	19	4	5	Dry	0	0	0	0	0	124	0	0	0	0	0	0	124
28/06/2022	10:15:00	35	RB	17	6	4	Dry	0	0	0	2	0	126	0	0	0	0	0	0	126
29/06/2022	15:00:00	36	RB	18	7	4	After morning rain	0	0	0	0	0	126	0	0	0	0	0	0	126
30/06/2022	15:15:00	37	RB	19	6	4	Dry	0	0	0	1	0	127	0	0	0	0	0	0	127
01/07/2022	15:15:00	38	RB	19	2	5	Dry	0	0	0	0	0	127	0	0	0	0	0	0	127
03/07/2022	10:20:00	39	RB	18	6	3	Dry	0	1	0	2	2	132	0	0	0	0	0	0	132
04/07/2022	08:15:00	40	RB	16	3	3	Dry	0	0	0	0	0	132	0	0	0	0	0	0	132
05/07/2022	14:30:00	41	RB	22	4	2	Dry	0	0	0	0	0	132	0	0	0	0	0	0	132
06/07/2022	09:30:00	42	RB	19	6	4	Dry	0	0	0	0	1	133	0	0	0	0	0	0	133
07/07/2022	09:15:00	43	RB	17	8	4	Dry	0	1	0	0	1	135	0	0	0	0	0	0	135
22/07/2022	08:30:00	44	RB	19	6	4	Dry	0	1	0	0	1	137	0	0	0	0	0	0	137
23/07/2022	08:15:00	45	RB	19	2	2	Dry	0	0	0	0	0	137	0	0	0	0	0	0	137
24/07/2022	08:30:00	46	RB	19	3	4	Dry	0	0	0	0	0	137	0	0	0	0	0	0	137
25/07/2022	08:15:00	47	RB	18	7	5	Dry	0	0	0	1	0	138	0	0	0	0	0	0	138
26/07/2022	08:30:00	48	RB	18	6	2	Dry	0	2	0	1	1	142	0	0	0	0	0	0	142
27/07/2022	14:30:00	49	RB	21	7	3	Dry	0	0	0	0	0	142	0	0	0	0	0	0	142
28/07/2022	08:30:00	50	RB	19	7	3	Dry	0	0	0	2	0	144	0	0	0	0	0	0	144
04/08/2022	07:30:00	51	RB	18	3	3	Dry	0	0	0	0	0	144	0	0	0	0	0	0	144
05/08/2022	09:00:00	52	RB	18	0	4	Dry	0	0	0	0	0	144	0	0	0	0	0	0	144
06/08/2022	09:30:00	53	RB	18	0	3	Dry	0	0	0	0	0	144	0	0	0	0	0	0	144

21/09/2022	10:45:00	54	RB	16	2	2	Dry	0	2	0	3	6	155	0	0	0	0	0	0	155
22/09/2022	11:15:00	55	RB	15	7	3	Dry	0	5	0	0	1	161	0	0	0	0	0	0	161
24/09/2022	11:30:00	56	RB	17	4	4	Dry	0	2	0	0	1	164	0	0	0	0	0	0	164
25/09/2022	14:15:00	57	RB	17	4	3	Dry	0	0	0	2	0	166	0	0	0	0	0	0	166
26/09/2022	11:45:00	58	RB	15	6	5	After rain	0	1	0	0	0	167	0	0	0	0	0	0	167
27/09/2022	11:30:00	59	RB	14	7	4	Light rain showers	0	0	0	0	1	168	0	0	0	0	0	0	168
28/09/2022	11:45:00	60	RB	14	6	3	Dry	0	0	0	0	0	168	0	0	0	0	0	0	168

Job Name & No.			2134 Land at West Sompting: North of RoW																	All Reptiles
Surveyor			RB																	
Set-Up Date			25.04.2022																	
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*						
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total
09/05/2022	09:25:00	1	RB	14	0	3	None	0	0	0	1	0	1	0	0	0	0	0	0	1
10/05/2022	10:00:00	2	RB	13	8	4	Some light drizzle	0	0	0	0	0	1	0	0	0	0	0	0	1
11/05/2022	10:30:00	3	RB	15	7	5	Dry	0	0	0	1	0	2	0	0	0	0	0	0	2
13/05/2022	10:00:00	4	RB	15	6	5	Dry	0	0	0	0	0	2	0	0	0	0	0	0	2
14/05/2022	10:00:00	5	RB	15	1	4	Dry	0	1	0	0	0	3	0	0	0	0	0	0	3
16/05/2022	10:00:00	6	RB	15	8	4	Very light rain at times	0	0	0	0	0	3	0	0	0	0	0	0	3
17/05/2022	12:00:00	7	RB	19	2	3	Dry	1	1	0	0	0	5	0	0	0	0	0	0	5
18/05/2022	11:00:00	8	RB	19	4	2	Dry	0	0	0	0	0	5	0	0	0	0	0	0	5
19/05/2022	15:45:00	9	RB	18	4	4	Dry	0	0	0	0	0	5	0	0	0	0	0	0	5
21/05/2022	09:45:00	10	RB	16	4	3	Dry	1	0	0	0	0	6	0	0	0	0	0	0	6
22/05/2022	09:30:00	11	RB	16	0	2		0	2	0	0	0	8	0	0	0	0	0	0	8
24/05/2022	09:45:00	12	RB	14	6	4	Dry	1	0	0	0	0	9	0	0	0	0	0	0	9
25/05/2022	10:20:00	13	RB	14	8	5	Very light rain at times	0	0	0	0	0	9	0	0	0	0	0	0	9
26/05/2022	14:30:00	14	RB	16	8	5	Dry	0	0	0	2	0	11	0	0	0	0	0	0	11
27/05/2022	15:30:00	15	RB	21	0	2	Dry	0	0	0	0	0	11	0	0	0	0	0	0	11
28/05/2022	09:45:00	16	RB	15	3	4	Dry	0	0	0	0	0	11	0	0	0	0	0	0	11
30/05/2022	14:45:00	17	RB	16	7	3	Dry	1	0	0	0	0	12	0	0	0	0	0	0	12
31/05/2022	14:45:00	18	RB	15	4	5	Dry	0	0	0	0	0	12	0	0	0	0	0	0	12
01/06/2022	14:45:00	19	RB	17	6	4	Y heavy shower during second half of ra	0	0	0	0	0	12	0	0	0	0	0	0	12
02/06/2022	09:45:00	20	RB	16	4	4	Dry	0	0	0	0	0	12	0	0	0	0	0	0	12
06/06/2022	15:00:00	21	RB	19	4	4	Dry	1	0	0	0	0	13	0	0	0	1	0	1	14
08/06/2022	11:00:00	22	RB	17	7	5	Dry	0	0	0	3	1	17	0	0	0	0	0	1	18
09/06/2022	15:10:00	23	RB	18	7	4	Dry	0	0	0	1	0	18	0	0	0	0	0	1	19
10/06/2022	10:30:00	24	RB	18	6	4	Dry	0	0	0	0	0	18	0	0	0	0	0	1	19
11/06/2022	15:30:00	25	RB	20	2	4	Dry	0	0	0	0	0	18	0	0	0	0	0	1	19
13/06/2022	09:40:00	26	RB	17	3	3	Dry	0	0	0	0	0	18	0	0	0	0	0	1	19
14/06/2022	09:15:00	27	RB	17	3	2	Dry	0	0	0	0	0	18	0	0	0	0	0	1	19
15/06/2022	08:00:00	28	RB	16	3	3	Dry	0	0	0	0	0	18	0	0	0	0	0	1	19
19/06/2022	10:00:00	29	RB	15	7	4	Dry	0	1	0	0	0	19	0	0	0	0	0	1	20
23/06/2022	09:15:00	30	RB	16	8	3	After light rain	0	0	0	2	0	21	0	0	0	0	0	1	22
24/06/2022	10:00:00	31	RB	18	8	4	Dry	0	0	0	1	0	22	0	0	0	0	0	1	23
25/06/2022	10:00:00	32	RB	17	6	4	Dry	0	0	0	0	0	22	0	0	0	0	0	1	23
26/06/2022	10:15:00	33	RB	17	4	5	Dry	1	0	0	0	0	23	0	0	0	0	0	1	24
27/06/2022	15:15:00	34	RB	19	4	5	Dry	0	0	0	1	0	24	0	0	0	0	0	1	25
28/06/2022	10:15:00	35	RB	17	6	4	Dry	0	0	0	0	0	24	0	0	0	0	0	1	25
29/06/2022	15:00:00	36	RB	18	7	4	After morning rain	0	0	0	0	0	24	0	0	0	0	0	1	25
30/06/2022	15:15:00	37	RB	19	6	4	Dry	0	1	0	0	0	25	0	0	0	0	0	1	26
01/07/2022	15:15:00	38	RB	19	2	5	Dry	0	0	0	0	0	25	0	0	0	0	0	1	26
03/07/2022	10:20:00	39	RB	18	6	3	Dry	0	0	0	0	0	25	0	0	0	0	0	1	26
04/07/2022	08:15:00	40	RB	16	3	3	Dry	0	0	0	0	0	25	0	0	0	0	0	1	26
05/07/2022	14:30:00	41	RB	22	4	2	Dry	0	0	0	0	0	25	0	0	0	0	0	1	26
06/07/2022	09:30:00	42	RB	19	6	4	Dry	0	0	0	1	0	26	0	0	0	0	0	1	27
07/07/2022	09:15:00	43	RB	17	8	4	Dry	0	0	0	2	0	28	0	0	0	0	0	1	29
22/07/2022	08:30:00	44	RB	19	6	4	Dry	0	1	0	0	0	29	0	0	0	0	0	1	30
23/07/2022	08:15:00	45	RB	19	2	2	Dry	0	1	0	0	0	30	0	0	0	0	0	1	31
24/07/2022	08:30:00	46	RB	19	3	4	Dry	0	0	0	1	2	33	0	0	0	0	0	1	34
25/07/2022	08:15:00	47	RB	18	7	5	Dry	0	1	0	1	0	35	0	0	0	0	0	1	36
26/07/2022	08:30:00	48	RB	18	6	2	Dry	0	0	0	0	0	35	0	0	0	0	0	1	36
27/07/2022	14:30:00	49	RB	21	7	3	Dry	0	0	0	0	0	35	0	0	0	0	0	1	36
28/07/2022	08:30:00	50	RB	19	7	3	Dry	0	0	0	2	0	37	0	0	0	0	0	1	38
04/08/2022	07:30:00	51	RB	18	3	3	Dry	0	0	0	0	0	37	0	0	0	0	0	1	38
05/08/2022	09:00:00	52	RB	18	0	4	Dry	0	0	0	0	0	37	0	0	0	0	0	1	38
06/08/2022	09:30:00	53	RB	18	0	3	Dry	0	0	0	0	0	37	0	0	0	0	0	1	38

21/09/2022	10:45:00	54	RB	16	2	2	Dry	0	2	0	0	0	39	0	0	0	0	0	1	40
22/09/2022	11:15:00	55	RB	15	7	3	Dry	0	1	0	0	0	40	0	0	0	0	0	1	41
24/09/2022	11:30:00	56	RB	17	4	4	Dry	0	0	0	0	0	40	0	0	0	0	0	1	41
25/09/2022	14:15:00	57	RB	17	4	3	Dry	0	1	0	0	0	41	0	0	0	0	0	1	42
26/09/2022	11:45:00	58	RB	15	6	5	After rain	0	1	0	0	0	42	0	0	0	0	0	1	43
27/09/2022	11:30:00	59	RB	14	7	4	Light rain showers	0	0	0	0	0	42	0	0	0	0	0	1	43
28/09/2022	11:45:00	60	RB	14	6	3	Dry	0	0	0	0	0	42	0	0	0	0	0	1	43

Job Name & No.			2134 Land at West Sompting: South of RoW																		All Reptiles
Surveyor			RB																		
Set-Up Date			25.04.2022																		
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*							
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Newborn	Cumulative total	Cumulative total
09/05/2022	09:25:00	1	RB	14	0	3	None	1	4	0	4	0	9	0	0	0	0	0	0	9
10/05/2022	10:00:00	2	RB	13	8	4	Some light drizzle	0	0	0	1	0	10	0	0	0	0	0	0	10
11/05/2022	10:30:00	3	RB	15	7	5	Dry	0	1	0	0	0	11	0	0	0	0	0	0	11
13/05/2022	10:00:00	4	RB	15	6	5	Dry	0	3	0	3	0	17	0	0	0	0	0	0	17
14/05/2022	10:00:00	5	RB	15	1	4	Dry	0	0	0	1	0	18	0	0	0	0	0	0	18
16/05/2022	10:00:00	6	RB	15	8	4	Very light rain at times	0	2	0	0	0	20	0	0	0	0	0	0	20
17/05/2022	12:00:00	7	RB	19	2	3	Dry	0	1	0	0	0	21	0	0	0	0	0	0	21
18/05/2022	11:00:00	8	RB	19	4	2	Dry	0	0	0	0	0	21	0	0	0	0	0	0	21
19/05/2022	15:45:00	9	RB	18	4	4	Dry	1	0	0	0	0	22	0	0	0	0	0	0	22
21/05/2022	09:45:00	10	RB	16	4	3	Dry	0	0	0	0	0	22	0	0	0	0	0	0	22
22/05/2022	09:30:00	11	RB	16	0	2		0	0	0	1	0	23	0	0	0	0	0	0	23
24/05/2022	09:45:00	12	RB	14	6	4	Dry	0	0	0	0	0	23	0	0	0	0	0	0	23
25/05/2022	10:20:00	13	RB	14	8	5	Very light rain at times	0	0	0	0	0	23	0	0	0	0	0	0	23
26/05/2022	14:30:00	14	RB	16	8	5	Dry	1	0	0	0	0	24	0	0	0	0	0	0	24
27/05/2022	15:30:00	15	RB	21	0	2	Dry	1	0	0	0	0	25	0	0	0	0	0	0	25
28/05/2022	09:45:00	16	RB	15	3	4	Dry	0	1	0	1	0	27	0	0	0	0	0	0	27
30/05/2022	14:45:00	17	RB	16	7	3	Dry	1	3	0	1	0	32	0	0	0	0	0	0	32
31/05/2022	14:45:00	18	RB	15	4	5	Dry	0	0	0	0	0	32	0	0	0	0	0	0	32
01/06/2022	14:45:00	19	RB	17	6	4	Y heavy shower during second half of ra	0	0	0	0	0	32	0	0	0	0	0	0	32
02/06/2022	09:45:00	20	RB	16	4	4	Dry	0	0	0	0	0	32	0	0	0	0	0	0	32
06/06/2022	15:00:00	21	RB	19	4	4	Dry	0	0	0	0	0	32	0	0	0	0	0	0	32
08/06/2022	11:00:00	22	RB	17	7	5	Dry	0	1	0	0	0	33	0	0	0	0	0	0	33
09/06/2022	15:10:00	23	RB	18	7	4	Dry	1	1	0	0	0	35	0	0	0	0	0	0	35
10/06/2022	10:30:00	24	RB	18	6	4	Dry	0	0	0	1	0	36	0	0	0	0	0	0	36
11/06/2022	15:30:00	25	RB	20	2	4	Dry	0	0	0	1	0	37	0	0	0	0	0	0	37
13/06/2022	09:40:00	26	RB	17	3	3	Dry	0	0	0	1	0	38	0	0	0	0	0	0	38
14/06/2022	09:15:00	27	RB	17	3	2	Dry	0	0	0	0	0	38	0	0	0	0	0	0	38
15/06/2022	08:00:00	28	RB	16	3	3	Dry	0	0	0	0	0	38	0	0	0	0	0	0	38
19/06/2022	10:00:00	29	RB	15	7	4	Dry	0	1	0	0	0	39	0	0	0	0	0	0	39
23/06/2022	09:15:00	30	RB	16	8	3	After light rain	0	0	0	0	0	39	0	0	0	0	0	0	39
24/06/2022	10:00:00	31	RB	18	8	4	Dry	1	0	0	0	0	40	0	0	0	0	0	0	40
25/06/2022	10:00:00	32	RB	17	6	4	Dry	0	1	0	0	0	41	0	0	0	0	0	0	41
26/06/2022	10:15:00	33	RB	17	4	5	Dry	0	2	0	0	1	44	0	0	0	0	0	0	44
27/06/2022	15:15:00	34	RB	19	4	5	Dry	0	0	0	1	0	45	0	0	0	0	0	0	45
28/06/2022	10:15:00	35	RB	17	6	4	Dry	0	0	0	1	0	46	0	0	0	0	0	0	46
29/06/2022	15:00:00	36	RB	18	7	4	After morning rain	0	0	0	0	0	46	0	0	0	0	0	0	46
30/06/2022	15:15:00	37	RB	19	6	4	Dry	0	1	0	0	0	47	0	0	0	0	0	0	47
01/07/2022	15:15:00	38	RB	19	2	5	Dry	0	0	0	0	0	47	0	0	0	0	0	0	47
03/07/2022	10:20:00	39	RB	18	6	3	Dry	0	0	0	0	0	47	0	0	0	0	0	0	47
04/07/2022	08:15:00	40	RB	16	3	3	Dry	1	0	0	0	0	48	0	0	0	0	0	0	48
05/07/2022	14:30:00	41	RB	22	4	2	Dry	0	0	0	0	0	48	0	0	0	0	0	0	48
06/07/2022	09:30:00	42	RB	19	6	4	Dry	0	0	0	0	0	48	0	0	0	0	0	0	48
07/07/2022	09:15:00	43	RB	17	8	4	Dry	0	0	0	1	0	49	0	0	0	0	0	0	49
22/07/2022	08:30:00	44	RB	19	6	4	Dry	0	1	0	1	0	51	0	0	0	0	0	0	51
23/07/2022	08:15:00	45	RB	19	2	2	Dry	0	0	0	0	0	51	0	0	0	0	0	0	51
24/07/2022	08:30:00	46	RB	19	3	4	Dry	0	0	0	0	0	51	0	0	0	0	0	0	51
25/07/2022	08:15:00	47	RB	18	7	5	Dry	0	1	0	0	0	52	0	0	0	0	0	0	52
26/07/2022	08:30:00	48	RB	18	6	2	Dry	0	1	0	3	0	56	0	0	0	0	0	0	56
27/07/2022	14:30:00	49	RB	21	7	3	Dry	0	0	0	0	0	56	0	0	0	0	0	0	56
28/07/2022	08:30:00	50	RB	19	7	3	Dry	0	0	0	0	0	56	0	0	0	0	0	0	56
04/08/2022	07:30:00	51	RB	18	3	3	Dry	0	0	0	0	0	56	0	0	0	0	0	0	56
05/08/2022	09:00:00	52	RB	18	0	4	Dry	0	0	0	0	0	56	0	0	0	0	0	0	56
06/08/2022	09:30:00	53	RB	18	0	3	Dry	0	0	0	0	0	56	0	0	0	0	0	0	56

21/09/2022	10:45:00	54	RB	16	2	2	Dry	0	3	0	0	0	59	0	0	0	0	0	0	59
22/09/2022	11:15:00	55	RB	15	7	3	Dry	0	2	0	1	1	63	0	0	0	0	0	0	63
24/09/2022	11:30:00	56	RB	17	4	4	Dry	0	2	0	0	0	65	0	0	0	0	0	0	65
25/09/2022	14:15:00	57	RB	17	4	3	Dry	0	1	0	0	2	68	0	0	0	0	0	0	68
26/09/2022	11:45:00	58	RB	15	6	5	After rain	0	0	0	0	1	69	0	0	0	0	0	0	69
27/09/2022	11:30:00	59	RB	14	7	4	Light rain showers	0	0	0	0	0	69	0	0	0	0	0	0	69
28/09/2022	11:45:00	60	RB	14	6	3	Dry	0	0	0	0	0	69	0	0	0	0	0	0	69

Job Name & No. Surveyor Set-Up Date			2134 Land at West Sompting: Northern Boundary RB 25.04.2021																		All Reptiles per area
				Weather				Slow worm *Anguis fragilis*						Grass snake *Natrix natrix*							
Date	Time	Capture Event	Surveyor	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (type & duration)	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified adult	Sub-Adult	Juvenille	Cumulative total	Male	Female	Unidentified adult	Sub-Adult	Juvenille	Cumulative total	Cumulative total
09/05/2022	11:55:00	1	RB	15	0	3	None	2	7	0	10	8	27	0	0	0	0	2	2	29
10/05/2022	13:00:00	2	RB	14	8	4	Some light drizzle	1	4	0	1	12	45	0	0	0	0	1	3	48
11/05/2022	12:30:00	3	RB	13	8	5	Dry	1	4	0	5	7	62	0	0	0	0	1	4	66
13/05/2022	13:45:00	4	RB	18	5	5	Dry	1	5	0	4	2	74	0	0	0	0	0	4	78
14/05/2022	11:30:00	5	RB	17	1	4	Dry	0	2	0	1	0	77	0	0	0	0	0	4	81
16/05/2022	11:45:00	6	RB	18	6	4	Dry	1	7	0	2	3	90	0	0	0	0	0	4	94
17/05/2022	10:00:00	7	RB	18	2	3	Dry	1	4	0	4	6	105	0	0	0	0	0	4	109
18/05/2022	09:45:00	8	RB	17	4	2	Dry	1	1	0	1	0	108	0	0	0	0	0	4	112
19/05/2022	18:00:00	9	RB	16	2	4	Dry	0	0	0	2	1	111	0	0	0	0	0	4	115
21/05/2022	11:30:00	10	RB	17	4	3	Dry	1	0	0	4	1	117	0	0	0	0	0	4	121
22/05/2022	11:00:00	11	RB	18	2	3	Dry	0	1	0	1	0	119	0	0	0	0	0	4	123
24/05/2022	11:30:00	12	RB	15	6	5	Dry	1	3	0	1	2	126	0	0	0	0	1	5	131
25/05/2022	11:50:00	13	RB	15	8	6	Very light rain at times	0	1	0	0	2	129	0	0	0	0	0	5	134
26/05/2022	16:00:00	14	RB	17	4	5	Dry	0	2	0	0	3	134	0	0	0	0	0	5	139
27/05/2022	17:00:00	15	RB	20	0	2	Dry	0	2	0	3	1	140	0	0	0	0	0	5	145
28/05/2022	11:00:00	16	RB	17	4	3	Dry	0	1	0	5	3	149	0	0	0	0	0	5	154
30/05/2022	16:15:00	17	RB	16	4	4	Dry	0	1	0	0	1	151	0	0	0	0	0	5	156
31/05/2022	16:00:00	18	RB	16	3	5	Dry	0	1	0	0	3	155	0	0	0	0	0	5	160
01/06/2022	17:00:00	19	RB	16	6	3	About an hour after HEAVY rain	0	0	0	0	0	155	0	0	0	0	0	5	160
02/06/2022	11:00:00	20	RB	17	6	3	Dry	2	1	0	2	2	162	0	0	0	0	0	5	167
06/06/2022	16:15:00	21	RB	18	3	4	Dry	0	3	0	1	2	168	0	0	0	0	0	5	173
08/06/2022	14:00:00	22	RB	18	6	4	After brief, but intense, rain shower	0	5	0	1	0	174	0	0	0	0	0	5	179
09/06/2022	16:40:00	23	RB	17	7	5	Dry	0	0	0	0	0	174	0	0	0	0	0	5	179
10/06/2022	11:45:00	24	RB	18	7	4	Dry	2	6	0	2	0	184	0	0	0	0	0	5	189
11/06/2022	17:00:00	25	RB	20	0	5	Dry	0	2	0	0	1	187	0	0	0	0	0	5	192
13/06/2022	11:10:00	26	RB	18	4	3	Dry	1	3	0	3	3	197	0	0	0	1	0	6	203
14/06/2022	10:45:00	27	RB	18	2	3	Dry	0	2	0	0	1	200	0	0	0	1	0	7	207
15/06/2022	09:30:00	28	RB	18	3	3	Dry	2	4	0	2	0	208	0	0	0	0	0	7	215
19/06/2022	11:15:00	29	RB	17	8	4	ction, heavier by finish precluding chan	0	1	0	0	1	210	0	0	0	0	0	7	217
23/06/2022	10:45:00	30	RB	18	7	2	Dry	0	4	0	3	0	217	0	0	0	0	0	7	224
24/06/2022	12:30:00	31	RB	18	6	4	Dry	0	3	0	3	1	224	0	0	0	0	0	7	231
25/06/2022	12:00:00	32	RB	17	6	4	Dry	0	4	0	1	1	230	0	0	0	0	1	8	238
26/06/2022	11:30:00	33	RB	18	4	5	Dry	0	1	0	1	0	232	0	0	0	0	0	8	240
27/06/2022	17:00:00	34	RB	18	3	5	Dry	0	0	0	0	0	232	0	0	0	0	0	8	240
28/06/2022	11:45:00	35	RB	18	3	4	Dry	0	0	0	0	0	232	0	0	0	0	0	8	240
29/06/2022	16:15:00	36	RB	18	6	4	After morning rain	0	0	0	1	0	233	0	0	0	1	0	9	242
30/06/2022	16:30:00	37	RB	18	4	4	Dry	0	1	0	0	0	234	0	0	0	0	1	10	244
01/07/2022	16:30:00	38	RB	18	3	5	Dry	0	0	0	0	0	234	0	0	0	0	0	10	244
03/07/2022	11:35:00	39	RB	19	7	4	Dry	0	3	0	0	1	238	0	0	0	0	0	10	248
04/07/2022	09:45:00	40	RB	17	3	2	Dry	0	3	0	1	0	242	0	0	0	0	0	10	252
05/07/2022	08:15:00	41	RB	17	2	2	Dry	0	0	0	0	0	242	0	0	0	0	0	10	252
06/07/2022	10:45:00	42	RB	20	6	3	Dry	0	0	0	0	0	242	0	0	0	0	0	10	252
07/07/2022	10:45:00	43	RB	18	8	3	Dry	0	2	0	1	0	245	0	0	0	0	0	10	255
22/07/2022	09:45:00	44	RB	19	8	4	Dry	0	1	0	0	0	246	0	0	0	0	0	10	256
23/07/2022	09:30:00	45	RB	20	2	3	Dry	0	1	0	0	0	247	0	0	0	0	0	10	257
24/07/2022	09:45:00	46	RB	20	3	4	Dry	0	0	0	0	0	247	0	0	0	0	0	10	257
25/07/2022	09:45:00	47	RB	19	6	6	Dry	0	0	0	0	0	247	0	0	0	0	0	10	257
26/07/2022	10:00:00	48	RB	19	6	2	Dry	0	0	0	1	0	248	0	0	0	0	0	10	258
27/07/2022	15:45:00	49	RB	21	7	3	Dry	0	0	0	0	0	248	0	0	0	0	0	10	258
28/07/2022	09:45:00	50	RB	20	7	3	Dry	0	0	0	0	0	248	0	0	0	0	0	10	258
04/08/2022	08:45:00	51	RB	19	3	3	Dry	0	0	0	0	0	248	0	0	0	0	0	10	258

05/08/2022	07:45:00	52	RB	16	3	5	Dry	0	0	0	0	0	248	0	0	0	0	0	10	258
06/08/2022	08:15:00	53	RB	16	2	4	Dry	0	0	0	0	0	248	0	0	0	0	0	10	258
21/09/2022	12:30:00	54	RB	18	3	2	Dry	0	7	0	2	1	258	0	0	0	0	0	10	268
22/09/2022	12:45:00	55	RB	17	5	2	Dry	0	5	0	4	1	268	0	0	0	0	0	10	278
24/09/2022	13:00:00	56	RB	18	4	4	Dry	0	5	0	1	0	274	0	0	0	0	0	10	284
25/09/2022	15:45:00	57	RB	17	6	3	Dry	0	1	0	0	2	277	0	0	0	0	0	10	287
26/09/2022	13:15:00	58	RB	16	6	5	Very light rain shower	0	0	0	1	1	279	0	0	0	0	0	10	289
27/09/2022	13:00:00	59	RB	15	6	3	Dry	0	0	0	0	1	280	0	0	0	0	0	10	290
28/09/2022	13:00:00	60	RB	15	6	3	Dry	0	4	0	0	1	285	0	0	0	0	0	10	295

Appendix D

Reptile Monitoring Report (2023, Year 1)

Reptile Monitoring Report (Year 1)

West Sompting, October 2023

This monitoring report has been prepared by CSA Environmental on behalf of Persimmon Homes in relation to West Sompting (hereafter referred to as 'the Site').

1.0 Introduction and background

1.1 All British reptile species are legally protected from intentional killing and injury under the Wildlife and Countryside Act 1981 (as amended) and listed as Section 41 priority species for conservation under the Natural Environment and Rural Communities (NERC) Act 2006. Therefore, to facilitate development at the Site, translocation exercises have been completed within the following phases 1, 2 and 3. Post translocation monitoring is required as per the Reptile Mitigation Strategy and will be undertaken in years 1 and 3 post translocation.

2.0 Methods

2.1 In 2023 a total of ten monitoring visits were completed between 01 June and 11 September in suitable weather conditions (see Table 1 below). A total of 245 artificial refugia measuring 0.5 x 0.5m were installed on 18 May in suitable habitat across the Site, following an initial two-week bedding-in period. A density of 94.23 refugia per ha was calculated using the receptor site area and total number of refugia. The locations of the survey areas are illustrated in the Reptile Monitoring Plan (CSA/2134/156) appended to this report.

2.2 During each survey visit, refugia were checked for reptiles basking beneath or on-top of the mats in combination with visual searches of open areas and log piles that could be used for basking by species such as common lizard *Zootoca vivipara* and grass snake *Natrix natrix*.

2.3 To estimate abundance or population size of the reptile population, ten survey checks were carried out, which is generally considered a 'reasonable effort' for this purpose.

Table 1 Dates, times, surveyor(s) and weather conditions for each monitoring visit.

Date	Time	Surveyor(s)	Weather			
			Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain
01/06/2023	09:05	FD	18	0	4	Dry
08/06/2023	09:05	FD	18	0	3	Dry
28/06/2023	09:10	FD	18.5	8	2	Dry
05/072023	09:25	FD	16	5	4	Dry
25/07/2023	09:00	FD	16	5	2	Dry
01/08/2023	08:30	FD	16	7	4	Dry
11/08/2023	09:15	FD	18	5	4	Dry
01/09/2023	10:15	JMT	19	7	1	Dry
04/09/2023	08:45	FD	21	0	1	Dry
11/09/2023	08:15	FD	20	5	1	Dry

3.0 Limitations

3.1 The high temperatures throughout June, July, August, and September meant that surveys were conducted early morning with little opportunity to vary timings. Due to the large size of the Site coupled with the high number of mats, this impacted the duration of the survey. During which, temperatures were reaching the maximum (20°C) according to the monitoring guidelines set out by Froglife (2016).

4.0 Results

4.1 Using the Froglife (1999) metric, low population densities were calculated for all three reptile species. This implies that the Site is suitable for translocation. Full results are provided in Appendix D.1 and summarised below in Table 3a. For comparison, an additional metric has also been used to calculate population estimates. The HGBI (1998) method also confirms that population densities are low based on the survey results and availability of suitable habitat.

4.2 Natural England (2011 rescinded) have devised their own metric but this was rescinded in 2011 and is based upon a refugia density of 100 per ha. Like the previous two methods, low population estimates are calculated for common lizard and grass snake; however, the slow worm population is considered to be 'large'. See Table 3c.

4.3 Transect line F (Area F) yielded the highest counts of reptiles for each survey, with a peak count of 21 adult slow worms and seven juveniles. This survey area was located along a dense species-rich hedgerow on the western boundary, with patches of scrub within the field layer. This varied habitat seemed to provide the reptiles with shelter, foraging opportunities, and refuge from predators. Other areas such as B and D were either very exposed or heavily shaded by tall ruderal vegetation and therefore yielded fewer results.

4.4 September yielded the highest total counts for all species, and June the lowest. These results are likely to be attributed to the higher, unfavourable temperatures at the start of the summer season which reduced basking time for reptiles. Survey 8 recorded the highest count of slow worm (33) as well as the highest count of common lizard (4). All peak counts for individual surveys are shown in Table 2.

4.5 The presence of newborn reptiles on Site strongly indicates breeding and therefore a growing population.

Table 2. Peak count of reptiles recorded across the receptor area for all monitoring visits

Survey	Peak adult count		
	Slow worm	Common lizard	Grass snake
Survey 1	6	2	3
Survey 2	9	0	0
Survey 3	8	0	0
Survey 4	22	0	0
Survey 5	17	1	0
Survey 6	14	0	1
Survey 7	19	0	0
Survey 8	33	4	0
Survey 9	16	0	0
Survey 10	9	1	0

Table 3a. Froglife (1999) population estimates

Species	Peak adult count	Total suitable habitat (ha)	Total refugia	Refugia /ha	Population /ha
Slow worm	33	2.6	245	94.23	3.50
Common lizard	4	2.6	245	94.23	0.42
Grass snake	3	2.6	245	94.23	0.32

Table 3b. HGBI (1998) population estimates

Species	Peak adult count	Total suitable habitat (ha)	Population /ha
Slow worm	33	2.6	12.69
Common lizard	4	2.6	1.54
Grass snake	3	2.6	1.15

Table 3c. Natural England (2011) population estimates

Species	Peak adult count	Total suitable habitat (ha)	Total refugia	Refugia /ha	Population /ha
Slow worm	33	2.6	245	94.23	35.02
Common lizard	4	2.6	245	94.23	4.24
Grass snake	3	2.6	245	94.23	3.18

Appendix D.1

Full monitoring results

Job Name & No.	2134 West Sompting Reptile Monitoring						**Beaufort Scale:** 0. Calm. Vertical smoke. 1. Light air. Smoke drifts. 2. Light breeze. Leaves rustle. 3. Gentle breeze. Small twigs constantly move. 4. Moderate breeze. Small branches begin to move. 5. Fresh breeze. Small trees in leaf begin to sway.																			
Set-up Surveyor/ Project Manager	JMT/CC																											
Set-Up Date	18/05/2023		**Total Number of Refugia**			245	**Precipitation:** [Type] No Rain / Light / Moderate / Heavy [Duration] Intermittent / Continuous																					
			Weather					**Slow worm *Anguis fragilis***					**Common lizard *Zootoca vivipara***					**Grass snake *Natrix helvetica***										
Date	**Start/End Times**	**Surveyor**	Temp (°C)	Cloud Cover (Oktas; n/8)	Wind (Beaufort Scale)	Rain (Type & Duration)	**Area/ Field No.**	Adult Male (>230mm)	Adult Female (>230mm)	Unidentified Adult	Sub-adult	Newborn	Male	Female	Unidentified Adult	Sub-adult	Newborn	Male	Female	Unidentified Adult	Sub-adult	Newborn	**Other Notes**					
Survey 1																												
01/06/2023	09:05:00	FD	18	0	4	No rain	A													1								
							B																					
							C													2								
							D																					
							E	1	2																			
							F		3		6				2													
Survey 2																												
08/06/2023	09:05:00	FD	18	0	3	No rain	A																					
							B				1																	
							C		4																			
							D		2																			
							E	1																				
							F		2		1																	
Survey 3																												
28/06/2023	09:10:00	FD	18.5	8	2	No rain	A																					
							B		2																			
							C		1																			
							D																					
							E		2																			
							F		3		1																	
Survey 4																												
06/07/2023	09:25:00	FD	16	5	4	No rain	A																					
							B																					
							C																					
							D																					
							E																					
							F	5	17		7	3											Heavy rain night previous, intermitent sun.					
Survey 5																												
25/07/2023	09:00:00	FD	16	5	2	No rain	A		2																			
							B																					
							C		1		1																	
							D																					
							E																					
							F		14		5				1													
Survey 6																												
01/08/2023	08:30:00	FD	16	7	4	No rain	A		1																			
							B		1																			
							C																					
							D																					
							E				3																	
							F		12		8									1								
Survey 7																												
11/08/2023	09:15:00	FD	18	5	4	No rain	A		1														Brown hairstreak butterflies foraging on site					
							B																					
							C																					

11/08/2023	09:15:00	FD	18	3	4	No rain	D																
							E		2		3												
							F		16		8												
Survey 8																							
01/09/2023	10:15:00	JMT	19	7	1	No rain	A																
							B		2		1				2								
							C				1												
							D																
							E		4		2				1								
							F	3	10		10				1								
Survey 9																							
04/09/2023	08:45:00	FD	21	0	1	No rain	A																
							B																
							C																
							D																
							E																
							F		11		5												
Survey 10																							
11/09/2023	08:15:00	FD	20	5	1	No rain	A																
							B																
							C		1														
							D																
							E																
							F		2		5	1			1								

Total Adult	Total Juvenile	Total Adult	Total Juvenile	Total Adult	Total Juvenile
128	72	8	0	4	0

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