



Team Natural and Archaeological Conservation

Team activity overview	Hours
Eleanor Carlton	159.5
Jodilea Carr	106
Sophie Hughes	88.5
Loretta Earley	85.25
Jonathan Lim	105



Name:	Eleanor Carlton		
Project:	Natural and Archaeological Conservation	Hours completed so far:	159.5
Role:	Digitising Lead		
	Activity Log		

Date	Work completed	Skills and personal attributes gained or used	Hours worked
28/3/2017	Initial team meeting with the members of the SERT, including lecturers, researchers and students who are involved with this project. In this meeting the aim of the work was discussed so that all members of the SERT team were up to date and informed about what we would be doing. During this meeting, the key roles, responsibilities and practicalities were explained, so that all team members knew what was expected of them. After consideration, I decided to take the role of digitising lead - 'Prior to collecting data we will be digitising boundaries of sites in order to properly identify our survey locations. This role will require you to co-ordinate the digitising of selected sites and collate this into a single GIS layer. You will be responsible for generating the points to visit (using ArcGIS) and transferring this information to GPS devices'.	Attending this meeting was very helpful to clarify what we will be doing and when we are doing the work. Clear communication skills were needed when deciding which roles were most suitable for each team member, depending on abilities and past experience.	2
31/3/2017	During the GIS training session we were told which elements of GIS we would be putting into practice during our placement and practiced digitising heathlands using ArcGIS.	This training session allowed me to improve my technique with digitising boundaries. I had used GIS previously during the GIS unit on my course, but digitising something that we would be later using in the field really helped me to understand the technology more.	1
3/4/2017	Turbary common training day	Gorse ID skills, practical skills, experience	2
4/4/2017	Heathland digitising	Sorting through the list of survey sites provided by Alex, finding the boundaries of the heathlands, digitising the heathlands. Deciding which heaths were and were not suitable for our surveys, excluding the unsuitable sites from the ArcMap.	7
6/4/2017	ARC & DT heathland digitising	Sorting through list of ARC & DT nature reserve sites for heathlands, finding the heathland boundaries and digitising the heaths.	6
18/4/2017	On the first day of our fieldwork, we visited Canford Heath. First, we completed a heathland ecology survey as a team to ensure that all team members were certain of how to complete these surveys and use the technology correctly. I used the mobile GPS device to navigate to randomly selected survey plots in the heathland. Loretta and I completed many ecological surveys together, measuring the heather, estimating vegetation composition and recording other ecological features of interest. We then travelled to Upton heath and completed more ecological surveys on the heathland.	I learnt a lot on the first day of practical fieldwork, it was the first time that I had used the mobile GPS devices, widening my technological knowledge. Measuring and examining the heather helped to further my understanding of heathlands and taught me valuable ecological skills. I also learnt how best to move through wet heath and bog, as navigating direct routes to survey plots quite often proved impractical.	8
19/4/2017	On the second day of our fieldwork, we visited Tadnoll and Winfrith heath I got the opportunity to use the tablet to record the ecological survey data. This was the first time that I had used these tablets, which seemed to work well and adapted to quickly. We also recorded the ecological survey data on paper to make sure that any inaccuracies that could have been accidentally recorded on the tablets did not affect the results.	I also learnt a lot on my second day of fieldwork. On Tadnoll and Winfrith heath I got the opportunity to use the tablet to record the ecological survey data. This was the first time that I had used these tablets, which seemed to work well and adapted to quickly. We also recorded the ecological survey data on paper to make sure that any inaccuracies that could have been accidentally recorded on the tablets did not affect the results.	8
20/4/2017	On the third day of practical fieldwork we visited Studland & Godlingston heath. We swapped partners, so I was working with Jon today on the archaeological surveys. Jon and I visited three archaeological features, one scheduled and two incidental. These archaeological features were a Bronze Age barrow, a giant boulder (Agglestone rock) and a WW2 bunker.	During the study on Studland & Godlingston heath I had the opportunity to work with Jon on the Archaeological surveys, this was something that I had never done before. On this day, I learnt many new skills, including how to spot and survey ancient monuments. One of the scheduled ancient monuments was already on our list to survey, but we also found two more features of archaeological interest to survey too. I learnt how to estimate the level of damage to the archaeology and take readings whilst protecting the monument as best as possible.	9

21/4/2017	Today we visited Arne heath & Stoborough heath. Jon and I didn't have any archaeology on our list so we went out to try and spot some. At Arne heath we found an earthwork which we identified as a possible field boundary. At Stoborough heath we found another earthwork, which we identified as an abandoned tramway track.	We had no archeological features in Arne heath that were had scheduled, so Jon and I went to search the heathland for signs of archaeology. We found an earthwork, which we thought was a field boundary and recorded it in our survey. This was the first time I had recorded and earthwork, so this experience really helped me become more confident in spotting archeology in the field.	8
19/6/2017	Epicollect data download and transfer	Accessing the data on Epicollect and transferring the data from that document onto my private computer in a format that I could edit and reorder for use in the site reports.	3.5
20/6/2017	Canford, Upton, Tadnoll & Winfrith data	Finding the data from Canford heath, Upton heath and Winfrith heath, selecting the data needed for the site reports and rewriting that data into a separate document so that all the data is in an easy-to-read format and each site's data is grouped for ease of comparison.	7
21/6/2017	Arne, Higher Hyde, Sopley & Stoborough data	Finding the data from Arne heath, Higher Hyde heath, Sopley heath and Stoborough heath, selecting the data needed for the site reports and rewriting that data into a separate document so that all the data is in an easy-to-read format and each site's data is grouped for ease of comparison.	7
23/6/2017	Studland & Godlingston, Hartland Moor, Latchmore Bottom, Matchams House Slope & Matley data	Finding the data from Studland & Godlingston heath, Hartland Moor heath, Latchmore Bottom heath, Matchams House Slope heath and Matley heath, selecting the data needed for the site reports and rewriting that data into a separate document so that all the data is in an easy-to-read format and each site's data is grouped for ease of comparison.	8
24/6/2017	Black Bush Plain, Whitten Bottom, Whitefield, Woolsbarrow & Hilltop data	Finding the data from Black Bush Plain heath, Whitten Bottom heath, Whitefield heath, Woolsbarrow heath and Hilltop heath, selecting the data needed for the site reports and rewriting that data into a separate document so that all the data is in an easy-to-read format and each site's data is grouped for ease of comparison.	8
25/6/2017	Archaeology data (Canford, Upton, Winfrith, Tadnoll, Arne, Stoborough & Higher Hyde)	Finding the archeological survey data from Canford heath, Upton heath, Winfrith heath, Tadnoll heat, Arne heath, Stoborough heath and Higher Hyde heath. Selecting the data needed for the site reports and rewriting that data into a separate document so that all the data is in an easy-to-read format and each site's data is grouped for ease of comparison.	5
26/6/2017	Archaeology data (Sopley, Studland & Godlingston, Latchmore Bottom, Matley, Black Bush Plain, Whitten Bottom, Hilltop, Whitefield & Woolsbarrow)	finding the archeological survey data from Sopley heath, Studland & Godlingston heath, Latchmore Bottom heath, Matley heat, Black Bush Plain heath, Whitten Bottom heath, Whitefield heath, Hilltop and Woolsbarrow heath. Selecting the data needed for the site reports and rewriting that data into a separate document so that all the data is in an easy-to-read format and each site's data is grouped for ease of comparison.	5
27/6/2017	Report planning & team consultation	Writing a draft report for the other team members to use as inspiration, also to show the structure and type of content to include in the reports.	2
6/7/2017	Canford & Upton report	Writing the site reports for Canford heath and Upton heath. Researching the ecology and archeology of the heathlands, analysing the results of the surveys and commenting on the implications of the state of the heathland for the conservation of archeology. This information was backed up with data from the surveys and photographs taken on the day.	10
7/7/2017	Tadnoll & Winfrith report	Writing the site reports for Tadnoll heath and Winfrith heath. Researching the ecology and archeology of the heathlands, analysing the results of the surveys and commenting on the implications of the state of the heathland for the conservation of archeology. This information was backed up with data from the surveys and photographs taken on the day.	10
8/7/2017	Arne & Stoborough report	Writing the site reports for Arne heath and Stoborough heath. Researching the ecology and archeology of the heathlands, analysing the results of the surveys and commenting on the implications of the state of the heathland for the conservation of archeology. This information was backed up with data from the surveys and photographs taken on the day.	10
10/7/2017	Re-allocation of reports	As one member of the team is abroad, the site site reports that were allocated to him needed to be reallocated within the team.	2

17/7/2017	Editing of Jodile's reports (Black Bush Plain, Whitten Bottom, Hilltop & Higher Hyde heath)	Going over the site reports that Jodilea submitted, editing any irrelevant information, data checking any information and numbers included, putting the reports into a consistent format, correcting spelling and grammar. Jodilea's reports were of an excellent quality and her analysis of the surveys required little editing.	5
18/7/2017	Editing of Sophie's reports (Whitefield, Woolsbarrow, Sopley & Matchams House Slope heath)	Going over the site reports that Sophie submitted, editing any irrelevant information, data checking any information and numbers included, putting the reports into a consistent format, correcting spelling and grammar. Sophie's reports were of a high quality. The information that Sophie included in her report was very good, I mainly had to edit the formatting of the site reports to make them consistent with the others.	6
29/7/2017	Editing of Sophie's updated site reports	Sophie made some changes to the first site reports that she sent me, adding photographs to back up her points. These also needed checking and editing.	2
30/7/2017	Editing of Loretta's reports (Studland & Godlingston and Hartland Moor heath)	Going over the site reports that Loretta submitted, editing any irrelevant information, data checking any information and numbers included, putting the reports into a consistent format, correcting spelling and grammar. Loretta wasn't sure what to include in the reports, so I sent her copies of the site reports that I had written to use as a guideline and found information online for her to use.	6.5
1/8/2017	Editing of Loretta's last report on Latchmoor Bottom heath.	Editing the last report that Loretta sent to me today, putting the text into the correct format, removing all irrelevant information, correcting any spelling mistakes and rewording to improve grammar.	2.5
2/8/2017	Compilation of all the site reports into one document.	Adding each of the 18 site reports into a single document, re-editing so each site report was easy to read and the definition where one report ends and another starts is obvious.	3.5
3/8/2017	Final editing of the site reports document & reformatting.	Further editing of the rest of the site reports added to the final site report word document.	4
11/8/2017	Conversion of site report document into pdf form and uploading to the google drive page.	The word document was too large to upload to the google drive account or email around, so the document had to be converted to a pdf and compressed.	1.5
		Total hours	159.5



Name:	Jodilea Carr		
Project:	Natural and Archaeological Conservation	Hours completed so far:	106
Role:	Photography Lead / Organiser		

Activity Log

Date	Work completed	Skills and personal attributes gained or used	Hours worked
28.03.17	Attended the first group SERT meeting. This gave me the opportunity to meet the rest of the SERT team. The goals of the SERT project were discussed along with key roles and responsibilities that all members are expected to uphold to keep the project working. We were presented with a list of roles with descriptions, and after some consideration I selected the role of 'Lead Photography'. We were told of necessary training days that needed to be within the near future, such as GIS training and fieldwork training.	We discussed the goals of the SERT, and clear communication was needed to help allocate roles and responsibilities amongst the team, and also arrange future meeting dates.	2
31.03.17	Attended the GIS training day for the SERT. This involved downloading relevant files with instructions, and using them to load up relevant programmes, following the guide steps to map out Hartland Heath.	I had never used GIS software before, so this was a new experience with unfamiliar programmes, however with the instructions aid, and help from Phillipa, was able to complete the steps and map out Hartland Heath.	1
03.04.17	Attended a team meeting at Turbarry Common Heath. We practiced surveying patches of heath and with instructions on features to evaluate, such as the life stages of heath, estimate of species present and their percentages, and the effect of trampling which can create bare ground where no species are present. The team discussed potential methods of recording the data during the practical fieldwork commencing from the 18.04.17.	Gained experience examining heath condition, including life stages and the effects humans and livestock have on the habitat. I also became more familiar with some of the species present that we will later be surveying during the fieldwork.	2
18.04.17	This was the first practical day of the fieldwork, started by meeting at the university and then travelling by car to Dorset Canford Heath, and later to Upton Heath Park. The team did a practise survey together, to make ensure we knew what heath features to evaluate, and how to correctly use the equipment. Used the GIS and the printed maps to navigate the heath. Completed 5 surveys in the location and 2 in the second.	It was the first time that I had used the GPS navigation and recorded data on a tablet - which I found much easier than recording data on paper - and using a compass to note down directions that photographs were taken in. Gained practical experience navigating heath and finding sites mapped on the GPS. Some locations we could not access and therefore had to survey as close to the point as we could get, an example of this was a bog in Upton Park Heath. I also had the opportunity to further develop my species identifying skills and my ability to access the life stages of heath.	8
19.04.17	Second day of the practical fieldwork. The surveys were carried out throughout Tadnoll and Winfrith heaths. At certain points the whole team split into pairs to visit different sections. Surveyed 13 points. Whilst charging the tablet I added further notes to the plots surveyed today and yesterday, and uploaded the files.	Gained more experience using the GPS and navigating heathland with its aid. Also, now able to identify where potential bog habitats start and end, and gained experience avoiding but also crossing near that terrain. Further developed my skills of species identification, now more familiar with the differences between dwarf gorse, western gorse and European gorse. I can also more quickly evaluate the life stage of heath, and practised searching for and identifying animal tracks and prints.	9
20.04.17	Third day of the practical fieldwork. The surveys were carried out throughout Winrith and Godslington Heaths. At each new location the team split into pairs to cover more ground. Today we also switched pairs to work with other members of the team, my new team-mate and I managed to survey 12 points.	Further developed my navigation skills using the GPS, relying on these skills to navigate the heaths. I also practised and broadened by species identification skills, and confidence at evaluating the life stage of heath.	8
21.04.17	Fourth day of practical fieldwork. The surveys were carried out at Arne and Stoborough Heaths. Travelled there by car and to various access points to reduce walking time. Working with the same partner as yesterday we surveyed 11 points. Spent an hour adding further notes to the plots surveyed today and yesterday, and uploaded the files.	I further practised my skills of evaluating heath life stages and the estimate of species present. I also became more familiar with navigating with the GPS and confidence navigating heath.	9
24.04.17	Fifth day of practical fieldwork. The surveys were carried out at Sopley. Travelled to by car. I worked with different team mates again today, and we regularly switched roles between focusing on using the tablet, measuring or evaluating the estimates within the plot etc. We surveyed 19 points today. Whilst charging the tablet I spent an hour adding further notes to the plots surveyed today, then uploaded the files.	One of my team mates had extensive knowledge of flora species and named some that we encountered, along with a few facts about them. It was interesting to learn and helped to improve my flora identification skills.	9



Name:	Loretta Earley		
Project:	Natural and Archaeological Conservation	Hours completed so far:	85.25
Role:			

Activity Log

Date	Work completed	Skills and personal attributes gained or used	Hours worked
31/03/17	digitising	learning GIS	1
4/4/2017	listing ARC and DWT sites		0.75
3/4/2017	fieldwork training	used skills gained from college and refreshed my memory on identifiable features of different gorse and heather	2
18/04/17	fieldwork began turbury and Upton heath	survey techniques	8
19/04/17	fieldwork at Winfrey and tadnoll	survey techniques	8
20/04/17	fieldwork	survey techniques	8
21/04/17	fieldwork	survey techniques	8
24/04/17	fieldwork	survey techniques	8
25/04/17	fieldwork	survey techniques	8
26/04/17	fieldwork	survey techniques	8
27/04/17	fieldwork	survey techniques	8
28/04/17	fieldwork	survey techniques	5
12/5/2017	enter data on excel sheet		3.5
13/05/17	enter data onto excel sheet		2
3/6/2017	enter data on excel sheet		5
4/6/2017	enter data onto excel sheet		2
		Total hours	85.25

