

APPENDIX 1: Proposed Monitoring Programme with progress to date (green boxes - planned work that has been completed; yellow box – additional work completed)

Monitoring technique	Year 1 - 2014	Year 2 - 2015	Year 3 – 2016	Year 4 - 2017	Year 5 - 2018
1. Vegetation quadrats	Whitehall Plain (CoL staff)	Whitehall & Sunshine Plains (CoL staff)	Deershelter “scrape”		
2. Vegetation transects	Re-survey by consultant	Re-survey by consultant			
3. LTMN vegetation plots	Some additional work was carried out by NE on soil sampling			Natural England surveyors re-survey	
4. Fixed Point Photographs – Centre-pole method	Volunteer on 8 transects	Volunteer on 8 transects	Volunteer on 8 transects	Volunteer on 8 transects	Volunteer on 8 transects
5. Fixed Point Photographs (FPPs) – around transects and other general positions on Stewardship plots	Volunteer(s) & staff 4 extra FPP around each of the 8 transects	Volunteer(s) & staff General Stewardship FPPs	Volunteer(s) & CoL Ecologist	Volunteer(s) & CoL Ecologist	Volunteer(s) & CoL Ecologist
6. GIA (modified)			8 x 200m “W-walks” incl. the 8 transects		
7. Phase 2/NVC survey of Forest					NVC survey consultants
8. Target species GPS mapping	Heath Spotted Orchid – (CoL ecologist and/or consultant)			Lousewort mapping (various sites)	Pepper Saxifrage (Yates’s Meadow) – impact of grazing
9. Target Species – general mapping of polygons		Bird’s-foot trefoil and Thistle species (CoL staff)			
10. Butterfly transects	3 x “Pollard walk” transects	3 x “Pollard walk” transects	3 x “Pollard walk” transects	3 x “Pollard walk” transects	3 x “Pollard walk” transects
11. Grasshopper quadrats		Set up baseline	To be continued by student project		
12. Ant-hill mapping		Set up baseline	As in row above		
13. Saproxyllic trapping/ surveys				Consider re- survey	
14. Bird – BBS transects	2 x BBS transects CoL HoC and Ecologist	2 x BBS transects CoL HoC and Ecologist	2 x BBS transects CoL HoC and Ecologist	2 x BBS transects CoL HoC and Ecologist	2 x BBS transects CoL HoC and Ecologist
15. Reptiles – general monitoring	General heathland site surveys (volunteers)	General heathland site surveys (volunteers)	General heathland site surveys (volunteers)	Consider detailed survey	General heathland site surveys (volunteers)
16. GPS tracking and analysis of cattle	Gather & store baseline data	Gather & store baseline data	Consider student project	Consider student project	Consider student project