

Lancaster University Biodiversity Action Plan - Review Document January 2013

Biodiversity Objective	Ref No	Action Required	Method	Responsibility	Achievement	Further Work Required
1.0 Grassland Biodiversity	1.1	Change to mowing regime	GMT	Landscape Manager	Meadow establish, grass left within tree copses	Identify other areas to be left as meadow
	1.2	Establish M & M Plan	Establish Plan	Landscape Manager	Complete	Annual review
	1.3	Staff training	External input	Landscape Manager	Not as yet undertaken	Establish and book training
	1.4	Arrange outlet for hay	Farmer or agricultural contractor under GMT	Landscape Manager	As yet not commercially viable	Need to establish cutting regime early in the season or review hiring of alternative machinery
2.0 Edge Habitats	2.1	Change to mowing regime	Farmer or agricultural contractor under GMT	Landscape Manager	Edge habitats around majority of woodland established	Monitor to establish effectiveness
	2.2	Establish M & M Plan	Establish Plan	Landscape Manager	Complete	Annual review
	2.3	Staff training	External input	Landscape Manager	Not as yet undertaken	Establish and book training combine with grassland info

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3.0 Woodland & Trees	3.1	Establish Woodland & Tree Management Plan	Arboricultural Consultant under GMT	Consultant Landscape Architect & Contractors	<ul style="list-style-type: none"> • Tree & Woodland Management Plan produced 2011-16 • All woodlands registered with Rural Payments Agency • Grants obtained £5,962.00 • Safety issued targeted 2009-13 value £14,000 • 92,000 m2 of new woodland thinned and maintained 2009-13 • 5,300 new trees planted • Involvement of Green Lancaster Volunteers 	Annual review of management plan against targets
	3.2	Staff training	Revenue funding	Ian Sturzaker	Staff re-trained and assessed, review period established	Identify further requirements for training
	3.3	Implement capital projects:				
	3.4	Perimeter road & avenues	Capital Project	Ian Sturzaker	As yet no achievement	Identify locations for improvement and identify budget availability
	3.5	Replanting programme	Revenue/Capital funding	Ian Sturzaker	Some work identified within Woodland	Annual inspection undertaken information to form programme for replacement
	3.6	Included within individual development projects	Capital funding	Ian Sturzaker	Some planting included as part of ongoing project work	<ul style="list-style-type: none"> • Opportunities identified within individual projects • Information for improvements included within Design Guide

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4.0 Hedgerows	4.1	Change to cutting regime	GM	Ian Sturzaker	Boundary hedges left until after bird nesting season	Annual review of management plan
	4.2	Establish M & M Plan	Establish plan	Ian Sturzaker	Plan in place	Annual review of management plan
	4.3	Implement capital projects:				
	4.4	Perimeter road & avenues	Capital funding	Ian Sturzaker	Some planting included as part of ongoing project work	<ul style="list-style-type: none"> • Opportunities identified within individual projects • Information for improvements included within Design Guide
	4.5	Include within individual development projects	Capital funding	Ian Sturzaker	Some planting included as part of ongoing project work 1,370 linear m of new hedgerows planted	<ul style="list-style-type: none"> • Opportunities identified within individual projects • Information for improvements included within Design Guide
5.0 Ornamental Gardens	5.1	Establish M & M Plan	Establish plan	Ian Sturzaker	Plan in place	Annual review of management plan
	5.2	Horticultural improvements	Revenue & capital funding	Ian Sturzaker	71,515 ornamental bulbs planted 2009-13 2,215m ² of new shrub planting 09-13 1,480m ² of new aquatic marginal planting 2009-13	Identify annual improvements and place on the web
	5.3	Implement capital projects:				
	5.4	Quadrangle refurbishments	Revenue & capital funding	Ian Sturzaker	Some landscape improvements as part of ongoing capital works	Identify additional programme of works, publish annual improvements
	5.5	Include within individual development projects	Capital funding	Ian Sturzaker	Some landscape improvements as part of ongoing capital works	Identify additional programme of works, publish annual improvements

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6.0 Built Environment	6.1	Nesting boxes	Funding to be identified	Ian Sturzaker	Number placed in woodlands as part of academic work	Identify current numbers and areas for improvements, work with Green Lancaster
	6.2	Implement capital projects to include:				
	6.3	Green roofs	Capital funding	various	Some work undertaken: <ul style="list-style-type: none"> • BBQ station shelters • HR Building 	Identify other potential schemes
	6.4	Climbing plant structures	Capital/revenue funding	Ian Sturzaker	As yet no achievement	Identify locations for improvement and identify budget availability
	6.5	Permeable paving	Capital/revenue funding	Various	Sports Centre car park	Where viable this will be looked at as future options
	6.6	Nesting boxes	TBD	Ian Sturzaker	Numerous boxes put up around the campus particularly within the woodlands	Identify number and ownership
7.0 Process	7.1	Establish M & M Plan	Develop plan	Ian Sturzaker	Individual management plans developed for areas of maintenance & management	Annual review of documents to identify achievements
	7.2	Composting	Capita/revenue funding	Ian Sturzaker	Current waste contractor recycles 99% of green waste generated	Currently no dedicated area or staffing to allow for this operation - review
	7.3	Recycling of forest waste	Revenue funding	Ian Sturzaker	Wood generated from tree work is either chipped, and used on woodland trail or left as habitat piles	Continuation of operation, look at establishing storage capacity for generated chip
	7.4	Develop internal policies	Revenue funding	Various	Design Guide – Feb 2013 Continual BREAM Achievement	Identification of other documents that feed into the policy

M & M Plan = Maintenance & Management Plan GMT = Grounds Maintenance Team



Complete



Currently no progress



Partially complete/ongoing