University of Leeds campus Biodiversity Action Plan - 2017 - 2022

No. (in order of priority)	Objective	Action	Target	Measure	Responsible Partners	Target Date	Completion (out of 10)
1	Development of 'zoning' plan that identifies all current habitat types on campus, including woodland and scrub	Complete zoning plan that will be used to support and measure progress towards improving campus biodiversity	Plan complete & used for measuring progress	Plan complete	Sustainability Service, Grounds & Gardens & Residential Services (as appropriate)	End 2017	
2	In addition to projects, develop structural diversity in planting, with all canopy layers represented wherever possible in multiple locations across campus to support stepping stone habitats	Identify and introduce sructured planting across campus & ensure introduced species provide a diversity of food sources for invertebrates and birds (i.e. blossoms for nectar, berries, seed-heads)	2000m^2	m^2 improved	Sustainability Service, Grounds & Gardens & Residential Services (as appropriate)	Ongoing	
3	Protect areas important to local or campus biodiversity	Identifify, protect and develop basic management plans for areas important to campus or local biodiversity	Locations identified and protected	yes/no	Sustainability Service, Grounds & Gardens & Residential Services (as appropriate)	End 2017	
4	Create wildlife corridors & stepping stone habitats across campus that also link with /support the wider city region	Identify and create new 'stepping stone' habitats + improvements required for wildlife corridors	15 stepping stone sites identified and improved	Number of sites	Sustainability Service, Grounds & Gardens & Residential Services (as appropriate)	2022	
5	Increase the planting of native tree and shrub species to include seed and fruit bearing species	Continue native tree planting where possible, identify and include seed and fruit bearing species.	10% more trees over BAP period (tbc)	No. of native trees/shrubs planted	Sustainability Service, Grounds & Gardens & Residential Services (as appropriate)	End 2018	
6	Increase dead-wood to provide habitat for fungi and invertebrates, including log-piles of other forms	Using mapping software, identify and implement in 10 additional locations	10 new locations	No. of sites	Sustainability Service, Grounds & Gardens & Residential Services (as appropriate)	End 2017	
7	Encourage the development of woodland ground flora (e.g. bluebells)	Implement planting programme of seeds/bulbs - measure progress by number of areas planted	3 new sites	Number of sites	Grounds and Gardens	2022	
8	Increase the area of linear hedgerows on campus, including the replacement of fences with hedgerows where appropriate. This will improve the connectivity of hedgerows so that they act as 'green corridors' for the safe movement of wildlife across the campus	Plant at least 500m of hedgerow over the next five years on the city campus	500m	Metres of planting	Grounds and Gardens	2022	
9	Improve the biodiversity value of hedgerows on campus.	Improve the biodiversity value of 50% of hedgerows through a combination of the following: • Increase percentage of berry and flower producing plants over alternatives with little or no biodiversity value and measure this as a percentage; • Reduce the cutting of existing hedgerows to encourage the development of a dense habitat offering opportunities for shelter and nesting; • Encourage the growth of tall herb and grass vegetation along the base of hedgerows, and continue to sympathetically manage.	50% of existing hedgerows complete (baseline meterage required)	% of improved hedgerow	Grounds and Gardens & Residential Services (as appropriate)	2022	
10	Record locations and maintain areas of Ivy growth in order to maintain important habitat	Monitor and manage sites where climbing plants can be tolerated to improve habitat for a variety of species (treecreepers, bees, bats, etc.)	Locations identified and protected	No. of sites actively managed	Sustainability Service Grounds and Gardens	Ongoing	
11	Relaxation of management in appropriate areas of campus green space to allow development of taller swards and wildflowers	Identify location and introduce relaxed mowing regime supported with signage	500m^2 of relaxed management Signage for each site c.5 signs	m^2 & number of signs in place	Grounds and Gardens & Residential Services (as appropriate)	End 2018	
12	Identify suitable locations for the creation of ponds, marshy ground or standing water to provide support for variety of wildlife	Using mapping software, identify suitable locations for habitat creation to maximise connectivity across the campus and to wider networks	2 locations on campus	No. of sites	Sustainability Service & Grounds & Gardens	**Site 1:** by 2018 **Site 2:** by 2022	
13	Improve the biodiversity value of ornamental borders	Improve the biodiversity value of 70% of Campus borders via the following: • Plant 'butterfly bars' that contain an abundance of flowers with different structures, including open, flat flowers for generalist species, and tubular flowers for more specialist pollinators such as long-tongued bumblebees. Phase out, where possible the use of double-flowered cultivars that provide little or no nectar or pollen resources; • Ensure the provision of a good variety of flowers throughout the year, in particular in early spring and late summer/autumn; • Introduce structure planting that supports invertabrates and feeding birds.	70% of borders to have biodiversity value	% with biodiversity value	Grounds & Gardens & Residential Services (as appropriate)	2022	
14	Introduce climbing plants onto walls thay have biodiversity value	Identify locations and plant climber that have biodiversity value e.g. clematis for pollination	5 locations planted with new climbers	No. of locations	Sustainability Service & Grounds & Gardens	2022	
16	Increase the numnber of green roofs on campus, both through construction and via shelters (smoking, bike, etc.)	Consider incorporation of green roofs into new developments and new shelters	2 additional locations	No. of new locations	Capital, projects & Sustainaiblity Service	2022	
17	Create additional green infrastructure in areas of of low quality / low greenery	Develop new green infrastructure in areas where planting / greenery is currently low	10 new locations	No. of new locations	Capital, Projects, Sustainability Service & Grounds & Gardens	2022	
18	Increase area of wildflower meadows on campus	Increase area of wildflower meadows on campus to improve corridors for pollinating insects	Additional 1000m^2	additional m^2	Sustainability Service & Grounds & Gardens	2022	
19B12:I40E40B18:G40B12:M40B12:G40B12:F40B12:E40B15:D40B18:D40	Ensure wildflower meadows are managed successfully for wildlife and aesthetics	Test different management practices with University wildflower meadows to come up with successul management practice	100% of existing sites brought up to acceptable standard. Exsiting meterage needs to be accounted as part of zoning plan	%	Grounds & Gardens	2022	