

APPENDICES

Appendix A - Glossary of Technical Terms

Glossary of Terms

Ancient semi-natural woodland	Woodland which has occupied a particular site for a period in excess of 400 years.
Bat detector	Electronic device used to render the ultrasonic calls of a bat audible to the unaided human ear.
County Wildlife Sites (CWS)	The former classification for local wildlife sites, a non-statutory site of importance for nature conservation recognised by Northamptonshire County Council for planning purposes.
DAFOR	A scale used to try and measure the frequency and cover of the different plant species. DAFOR is a relative measure incorporating abundance and frequency.
DOMIN	A scale used to try and measure the frequency and cover of the different plant species. DOMIN provides a quantitative measure of abundance.
Great Crested Newt Habitat Suitability Index	A scoring system developed to evaluate the quality of habitats for great crested newts, based on the system proposed by Oldham <i>et al.</i> (2000) ⁴² .
Habitat	The natural home of an animal or plant.
Hibernaculum	A shelter in which a creature seeks refuge, especially during winter.
Holt or lay-up	The lair of an otter.
Local Nature Reserve (LNR)	Non-statutory habitats of local significance designated by local authorities where protection and public understanding of nature conservation is encouraged.
Local Wildlife Site (LWS)	A non-statutory site of importance for nature conservation recognised by Leicestershire, Northamptonshire and Warwickshire County Councils for planning purposes.
National Vegetation Classification (NVC)	The National Vegetation Classification is the standard classification used for describing vegetation in Britain. The NVC aims to describe all the vegetation of Great Britain. It is a phytosociological classification, which means that it classifies vegetation solely on the basis of the plant species of which it is composed ³² .
Phase 1 Habitat Survey	Standardised survey technique for recording specific habitats such as grasslands or woodlands. The procedures are set out in the Nature Conservancy Council Publication 'Handbook for Phase 1 Habitat Survey – A Technique for Environmental Audit, 1990' ³⁰ .
Potential Local Wildlife Site (pLWS)	A non-statutory site of importance for nature conservation recognised by Leicestershire, Northamptonshire and Warwickshire County Councils for planning purposes.
Potential Site of Importance for Nature Conservation (pSINC)	the former classification for local wildlife sites, a non-statutory site of importance for nature conservation recognised by Leicestershire and Warwickshire County Councils for planning purposes.
RUDERAL	Literally 'growing in waste places'. Tall ruderal vegetation is a phase 1 habitat category which comprises of tall perennial or biennial broad-leaved plants, usually more than 25 cm high, of species such as rosebay willowherb. (<i>Chamerion angustifolium</i>), nettle (<i>Urtica dioica</i>) and Japanese knotweed (<i>Polygonum cuspidatum</i>) ³² Ephemeral/short perennial vegetation of disturbed, freely

	draining sites and often characterised by species such as great plantain (<i>Plantago major</i>), creeping buttercup (<i>Ranunculus repens</i>), white clover (<i>Trifolium repens</i>), black medick (<i>Medicago lupulina</i>), coltsfoot (<i>Tussilago farfara</i>) and other short plants may also be considered ruderal ³² .
Roost	Any site used by bats for rest, sleep, torpor, food digestion, breeding or shelter
Semi improved neutral grassland	Neutral grassland is typically enclosed and usually more intensively managed than acid or calcareous grassland (except on road verges), this phase 1 habitat category encompasses a wide range of grassland communities occurring on neutral soils (pH 5.5-7.0). Semi-improved grassland is a transition category made up of grasslands which have been modified by artificial fertilisers, slurry, intensive grazing, herbicides or drainage, and consequently have a range of species which is less diverse and natural than unimproved grasslands Handbook for Phase 1 habitat survey: a technique for environmental audit ³⁰ .
Site of Importance for Nature Conservation (SINC)	The former classification for local wildlife sites, a non-statutory site of importance for nature conservation recognised by Leicestershire and Warwickshire County Councils for planning purposes.
Site of Special Scientific Interest	Areas of land identified by the statutory bodies, in accordance with their published guidelines, as being of particular value for their fauna and flora and geological and physiographic features. Their objective is to safeguard and enhance the characteristic plants, animals and physical features of our natural heritage. The SSSI designation covers important sites for nature conservation including those of national and international importance.
Sonogram	A visual display of the time (x-axis) and frequency (y-axis) components of a sound.
sp.	Abbreviation for species (singular) where plant or animal can only be identified to generic not specific level.
spp.	Abbreviation for species (plural) where plants or animals can only be identified to generic not specific level.
Spraint	Otter faeces.
subsp. Sub-species.	The sub-division of a species, usually caused by geographical isolation.
Time expansion	A technique, requiring a computer and suitable software, for transforming ultrasound of the kind produced by bats into a sonogram.

Acronyms

ASPT	Average Score Per Taxon
BAP	Biodiversity Action Plan
BAT	Broad Assemblage Types
BMWP	Biological Monitoring Working Party
CEMP	Construction Environmental Management Plan
CPO	Compulsory Purchase Order
CRoW	Countryside Rights of Way Act 2000
CWS	County Wildlife Site
DMRB	Design Manual for Roads and Bridges
EA	Environment Agency
EMSI	East Midlands Seed Initiative
EnvIS	Environmental Information System
ES	Environmental Statement
GCN	Great Crested Newt
HA	Highways Agency
HEMP	Handover Environmental Management Plan
IEA	Institute of Environmental Assessment
IEEM	Institute of Ecology and Environmental Management
HSI	Great Crested Newt Habitat Suitability Index
IEC	Index of Ecological Continuity
ISIS	Invertebrate Species-habitat Information System
JNCC	Joint Nature Conservation Committee
KSI	Key Species Indicators (Leicestershire)
LNR	Local Nature Reserve
LRN	Local Road Network
LWS	Local Wildlife Site
MAC	Management Agency Contractor
MAGIC	Multi Agency Geographic Information for the Countryside
NE	Natural England
NERC	Natural Environment and Rural Communities Act 2006
NBN	National Biodiversity Network
NVC	National Vegetation Classification
OCEMP	Outline Construction Environmental Management Plan
pLWS	Potential Local Wildlife Site
PPG	Pollution Prevention Guidelines
PPS9	Planning Policy Statement 9
pSINC	Potential Site of Importance for Nature Conservation
PSYM	Predictive SYstem for Multimetrics
RDB	Red Data Book
SAC	Special Area of Conservation
SAT	Specific Assemblage Types
SCI	Sites of Community Importance
SINC	Site of Importance for Nature Conservation
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
TAG	Transport Analysis Guidance
WCA	Wildlife and Countryside Act 1981 as amended