

SURVEY TIMES FOR ECOLOGICAL SPECIES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HABITATS/ VEGETATION	Phase 1 and NVC			Phase 1 and National Vegetation Classification (NVC)					Phase 1 and NVC			
BIRDS	Wintering bird surveys		Breeding bird and migrant species		Breeding Bird Surveys		Low activity - breeding bird surveys		Surveys of migrant bird species		Wintering bird surveys	
BADGER	Limited sett/ bait surveys	Bait marking and sett surveys			Limited bait marking and sett surveys				Sett surveys			Limited sett/ bait surveys
BAT	Inspection of hibernation roosts			Limited activity	Summer roosts, emergence (dawn & dusk) activity surveys					Limited activity	Inspection of hibernation roosts	
	Surveys of potential roosts, and internal surveys of buildings/structures are possible all year round											
DORMOUSE (NEST BOX & TUBES)				Nest box and nest tube surveys								
DORMOUSE (HAZELNUT SEARCH)	Gnawed hazel nut search	Gnawed hazel nut search						Gnawed hazel nut search				
OTTERS	Surveys can be conducted all year round. Survey limited by vegetation cover and weather conditions											
WATER VOLES	Initial habitat survey			Survey for habit and field signs. Surveys for water vole activity may be limited by vegetation cover and weather							Initial habitat survey	
REPTILES	Reptiles hibernating		Limited activity - lower effectiveness of refugia	Peak survey months - natural and artificial refugia searches			Warmer weather resulting in reduced basking time and lower effectiveness of refugia		Peak survey month - refugia searches	Limited activity - lower effectiveness of refugia	Reptiles hibernating	
GREAT CRESTED NEWTS (AQUATIC)	Newts hibernating on land	Limited activity	Netting, bottle trap, torching, surveys for adults	Netting, bottle trap, torching, surveys for adults - egg searches from mid May survey for larvae		Netting, bottle trap, torching, egg & larva surveys	Larvae surveys - adult newts on land		Adult newts on land		Newts hibernating on land	
GREAT CRESTED NEWTS (TERRESTRIAL)	Newts hibernating	Limited activity	Search of natural refugia			Search of natural refugia			Search of natural refugia	Search of natural refugia	Newts hibernating	
NATTERJACK TOADS	Toads hibernating			Pond survey for adults, terrestrial survey & egg surveys April to mid-June. Larvae surveys from mid-May				Survey for adults on land		Toads hibernating		
WHITE-CLAWED CRAYFISH	Reduced activity			Hand, search, torchlight trapping	Breeding period - torchlight survey only		Substrate search by hand. Torchlight and trapping surveys				Reduced activity	
STAG BEETLES	Underground				Above ground				Underground			

KEY: Survey optimal Survey sub-optimal Survey not possible

SURVEY PERIOD:

HABITAT SURVEYS:

PROTECTED SPECIES:

BAT SURVEYS:

Provided the habitat has not been significantly altered then habitat surveys need to be reviewed every one to three years.

Most protected species surveys need to be repeated each year.

As bats are very mobile, demolition of building/structures, or felling of trees, should be carried out within a week of a bat survey stating that there are no signs of bats there.

MITIGATION OF SPECIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
BADGERS	No disturbance to existing setts/building of artificial setts only							Stopping up/destruction of existing setts			Same as Jan-June	
BATS	Works on maternity roosts only				Works on hibernation roosts only				Works on maternity roosts only			
GREAT CRESTED NEWTS	Pond management only (hibernation)		Newt trapping in ponds and on land			Newt trapping on land only				Pond management only (hibernation)		
REPTILES	Aboveground shrub clearance only (hibernation)		Capture and translocation programmes			Capture and translocation		Capture and translocation programmes - scrub clearance		Aboveground scrub clearance only (hibernation)		
WATER VOLE	Avoid works in habitat		Trapping/exclusion		Mitigation restricted due to breeding			Trapping/exclusion		Avoid all works in habitat		
CLEARANCE TO AVOID BREEDING BIRDS	Clearance		Avoid clearance/construction works as birds nesting					Clearance				
HABITATS/VEGETATION	Planting & translocation		Sub-optimal		Planting and translocation not recommended for the majority of larger species			Sub-optimal	Planting and translocation			
DORMICE	Avoid ground vegetation clearance				Capture & release & stump and root clearance		Capture only		Aboveground vegetation clearance			
WHITE-CLAWED CRAYFISH	Avoid capture programme			As Jul-Oct	Avoid capture programmes		Capture and exclusion from construction areas				Avoid capture programmes	
OTTERS	No seasonal constraints but likely to be restricted where otters are breeding											

KEY: Mitigation possible Mitigation restricted Mitigation not possible