

APPENDIX H – Section 42 NERC Act 2006 - Habitats and species conservation priorities and management

| PENRHOS COUNTRY PARK | | | |
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| Habitats | Legislation | Extent | Conservation priorities |
| Lowland calcareous grassland | Section 42 NERC Act 2006 UKBAP | 0.05ha. | Monitor lowland calcareous grassland habitat. Manage calcareous grassland to maintain and improve species diversity. |
| Lowland dry acid grassland | Section 42 NERC Act 2006 UKBAP | 0.75ha. | Monitor lowland dry acid grassland habitat. Manage acid grassland to maintain and improve species diversity. |
| Reedbed | Section 42 NERC Act 2006 UKBAP | 0.08ha. | Monitor reedbed habitat. Monitor reedbed condition. Manage reedbed to benefit nesting birds. |
| Ponds | Section 42 NERC Act 2006 UKBAP (where common toad is present) Anglesey BAP | 0.87ha. Includes ponds 3, 4 and 21. | Monitor pond habitat. Monitor pond condition. |
| Hedgerows | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 364m. | Monitor hedgerow habitat. Manage hedgerows to benefit nesting birds and other wildlife. |
| Mammals | Legislation | Extent | Conservation priorities |
| Noctule | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Low levels of noctule foraging activity recorded. No known roosts. | Maintain habitat connectivity within the site. |
| Common pipistrelle | Section 42 NERC Act 2006 Annex II | Historical records. Low levels of foraging activity. Number of day roosts likely to be | Retain suitable day roost trees where development priorities allow. |

| | Schedule 5 W & C Act 1981, as amended | present suitable trees in woodland block W63 and similar woodland blocks. Transient roost in Erw Deg (Building 1). | Install roost boxes in suitable locations. Retain woodland connectivity. Protect tree canopy from artificial light spill. Construct bat barn to replace Erw Deg transient roost. Monitor bat roost during and post development. |
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| Soprano pipistrelle | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Historical records. | Retain woodland connectivity. Protect tree canopy from artificial light spill. Install roost boxes in suitable locations. |
| Brown long-eared bat | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Brown long-eared bat emerged from water tower on one occasion in 2011, but not recorded since then (transient roost). | Protect water tower roost site from disturbance. Retain woodland connectivity. Protect tree canopy from artificial light spill. Install roost boxes in suitable locations. |
| Red squirrel | Section 42 NERC Act 2006 UKBAP Anglesey BAP Schedule 5 W & C Act 1981, as amended | Historical records. No foraging activity recorded. No dreys identified. | Monitor red squirrels during and post-construction. Ensure tree canopy is not fragmented. Plant suitable trees for red squirrel feeding. Set up red squirrel feeding station. Protect active dreys during all future tree works. |
| <u>Birds</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| Dunnock | Section 42 NERC Act 2006 Amber List BoCC | Historical records. 3 breeding pairs recorded in 2011. | Monitor breeding birds periodically. Maintain habitat suitable for nesting. |

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| | UKBAP | | Set up bird feeding station. |
| Bullfinch | Section 42 NERC Act 2006 Red List BoCC UKBAP | A single bullfinch (possible breeder) was recorded in 2011. | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| House sparrow | Section 42 NERC Act 2006 Red List BoCC UKBAP | Historical records. 4 breeding pairs recorded breeding in 2011 in houses at north end site. | Monitor breeding birds periodically. Provide nest boxes in suitable locations. Set up bird feeding station. |
| Common linnet | Section 42 NERC Act 2006 Red List BoCC UKBAP | Historical records. | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| Song thrush | Section 42 NERC Act 2006 Red List BoCC UKBAP | Historical records. | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| Black-headed gull | Section 42 NERC Act 2006 Annex 2 Birds Directive Amber List BoCC | Historical records. Recorded during surveys near car park (not breeding on-site) | None identified. |
| Herring gull | Section 42 NERC Act 2006 Annex 2 Birds Directive UKBAP Red List BoCC | Recorded during surveys (not breeding on-site). | None identified. |
| Ringed plover | Section 42 NERC Act 2006 Amber List BoCC | Beddmanarch-Cymran SSSI is designated for ringed plover. Peak count of 105 individuals on shore north of Stanley Embankment on 18 th November 2011. | Use interpretation boards in the country park to inform visitors. Monitor breeding/wintering birds periodically. Protect waders from disturbance using appropriate access and wardening. |
| Oystercatcher | Section 42 NERC Act 2006 Annex 2 Birds Directive | Suspected nesting attempt in 2011 (1 pair) near farm buildings complex. Peak count of 101 individuals feeding on shore in Jan 2012. | Create wet wader scrape in retained grassland near coastline for wader feeding . Use interpretation boards in the country park to inform visitors. |

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| | | | <p>Monitor breeding/wintering birds periodically.</p> <p>Educate visitors to the country park using interpretation boards.</p> <p>Protect waders from disturbance using appropriate access and wardening.</p> |
| Eurasian curlew | <p>Section 42 NERC Act 2006</p> <p>Amber List BoCC</p> <p>UKBAP</p> <p>Annex 2 Birds Directive</p> | <p>Historical records. Small flock of curlew regularly recorded on open pasture during early morning in winter months. Peak count of 98 individuals in Nov 2011 on shore (WeBS peak count was 511 in Nov 2011).</p> | <p>Create wet wader scrape in retained grassland near coastline for wader feeding .</p> <p>Use interpretation boards in the country park to inform visitors.</p> <p>Monitor breeding/wintering birds periodically.</p> <p>Protect waders from disturbance using appropriate access and wardening.</p> |
| <u>Amphibians and Reptiles</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| Common toad | <p>Section 42 NERC Act 2006</p> <p>UKBAP</p> | Recorded on-site at Ponds 1 and 3. | <p>Create and maintain new hibernacula for common toad.</p> <p>Monitor condition of aquatic habitat.</p> <p>Monitor common toad population periodically.</p> |
| Common lizard | <p>Section 42 NERC Act 2006</p> <p>Schedule 5 W & C Act 1981, as amended</p> | Recorded on coastal habitats along north boundary. | <p>Create and maintain new hibernacula for common lizard.</p> <p>Maintain basking areas for reptiles.</p> <p>Monitor common lizard population periodically.</p> |
| <u>Fish</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Invertebrates</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Vascular plants</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |

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| None identified. | - | - | - |
| <u>Lichens</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |

| CAE GLAS | | | |
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| <u>Habitats</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| Hedgerows | Section 42 NERC Act 2006 UK BAP Anglesey BAP | 639m. | Monitor hedgerow habitat. Manage hedgerows to benefit nesting birds and other wildlife. |
| Coastal Saltmarsh | Section 42 NERC Act 2006 Anglesey BAP | 1.87ha on southeast site boundary. | Monitor coastal saltmarsh habitat. |
| Maritime cliff and slope | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 0.30ha. | Monitor maritime cliff habitat. |
| Saline lagoon | Section 42 NERC Act 2006 Anglesey BAP | 0.19ha. | Monitor saline lagoon habitat. |
| Ponds | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 0.03ha. | Monitor pond habitat. Monitor pond condition. |
| Inland rocky outcrop and scree habitats | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 2ha. | Monitor rocky outcrop habitat. |
| Reedbed | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 1.3ha. | Monitor reedbed habitat. Monitor reedbed condition. Manage reedbed to benefit nesting birds. |
| Lowland heathland | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 1.68ha. | Monitor heathland habitat. Monitor condition of heathland habitat – re effects trampling. Control bracken, encroaching scrub and invasive species. |
| Lowland dry acid grassland | Section 42 NERC Act 2006 UKBAP | 0.75ha. | Monitor lowland dry acid grassland habitat. Manage acid grassland to maintain and improve species diversity. |

| Lowland meadows | Section 42 NERC Act 2006 UKBAP | 0.84ha. | Monitor unimproved neutral grassland habitat. Manage unimproved neutral grassland to maintain and improve species diversity. |
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| Mammals | Legislation | Extent | Conservation priorities |
| Water vole | Section 42 NERC Act 2006 UKBAP Anglesey BAP Schedule 5 W & C Act 1981, as amended | Single water vole burrow on ditch 14 at north end of site. Species observed offsite on Trearddur Mews. | Create water vole habitats in north part of Cae Glas to encourage species to colonise. Monitor water vole activity during and post development. |
| Otter | Section 42 NERC Act 2006 Annex II UKBAP Anglesey BAP Schedule 5 W & C Act 1981, as amended | Historic records on Inland Sea. No otter holts ever recorded on Cae Glas coastline. | Control and limit access to the Cae Glas coast line. Monitor otter activity during and post development. |
| Noctule | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Low levels of noctule foraging activity recorded. No known roosts. | Maintain habitat connectivity within the site. Install roost boxes in suitable locations. |
| Common pipistrelle | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Historical records. Low levels of foraging activity. | Install roost boxes in suitable locations. Retain woodland connectivity. Protect tree canopy from artificial light spill. Monitor roosting bats during and post development. |
| Red squirrel | Section 42 NERC Act 2006 UKBAP Anglesey BAP Schedule 5 W & C Act 1981, as amended | Historical records. Small breeding population associated with conifer plantation. | Control access to coniferous woodland core habitat. Monitor red squirrels during and post-construction. Maintain and extend tree canopy to |

| | | | aid colonisation of new areas. Diversify existing conifer plantation in core red squirrel areas. Plant suitable trees for red squirrel feeding. Set up red squirrel feeding station. Protect active dreys during all future tree works. |
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| <u>Birds</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| Dunnock | Section 42 NERC Act 2006 Amber List BoCC UKBAP | Historical records. 3 breeding pairs recorded in 2011. | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| Song thrush | Section 42 NERC Act 2006 Red List BoCC UKBAP | Historical records. Recorded during 2011 breeding bird survey (possible breeder). | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| Lesser redpoll | Section 42 NERC Act 2006 Red List BoCC UKBAP | Recorded near conifer plantation during 2011 breeding bird survey (possible breeder). | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| Yellowhammer | Section 42 NERC Act 2006 Red List BoCC UKBAP | Historical records. Recorded during 2011 breeding bird survey (possible breeder). | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| Reed bunting | Section 42 NERC Act 2006 UKBAP Amber List BoCC | Recorded during 2011 breeding bird survey (possible breeder). | Monitor breeding birds periodically. Maintain habitat suitable for nesting. Set up bird feeding station. |
| House sparrow | Section 42 NERC Act 2006 Red List BoCC UKBAP | Recorded during 2011 breeding bird survey (possible breeder). | Monitor breeding birds periodically. Install nest boxes in suitable locations. Set up bird feeding station. |
| Black-headed gull | Section 42 NERC Act 2006 Annex 2 Birds Directive Amber List BoCC | Recorded during surveys (not breeding on-site) | None identified. |
| Herring gull | Section 42 NERC Act 2006 Annex 2 Birds Directive | Recorded during surveys (not breeding on-site). | None identified. |

| | UKBAP Red List BoCC | | |
|--------------------------------|---|---|---|
| Ringed plover | Section 42 NERC Act 2006 Amber List BoCC | Beddmanarch-Cymran SSSI is designated for ringed plover. A small feeding flock was recorded using saltmarsh on the site boundary. | Educate visitors to the country park using interpretation boards. Monitor breeding/wintering birds periodically. Use interpretation boards in the country park to inform visitors. Protect waders from disturbance using appropriate access and wardening. |
| Oystercatcher | Section 42 NERC Act 2006 Annex 2 Birds Directive | 65 individual recorded roosting on spit south of Stanley Embankment on 22 nd March 2012. | Educate visitors to the country park using interpretation boards. Monitor breeding/wintering birds periodically. Use interpretation boards in the country park to inform visitors. Protect waders from disturbance using appropriate access and wardening. |
| Eurasian curlew | Section 42 NERC Act 2006 Amber List BoCC UKBAP Annex 2 Birds Directive | Historical records. Peak count of 65 roosting on shingle spit south of Stanley Embankment in Jan 2012. | Educate visitors to the country park using interpretation boards. Monitor breeding/wintering birds periodically. Use interpretation boards in the country park to inform visitors. Protect waders from disturbance using appropriate access and wardening. |
| Kestrel | Section 42 NERC Act 2006 Amber List BoCC | Breeding pair recorded nesting on cliff on site boundary in 2011. | Maintain habitat suitable for kestrel feeding. |
| Amphibians and Reptiles | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |

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| Common toad | Section 42 NERC Act 2006 UKBAP | Recorded off-site within 50m of north boundary. | Create and maintain new hibernacula for common toad. Create and maintain new pond habitat for common toad. Monitor condition of aquatic habitat. Monitor common toad population periodically. |
| Common lizard | Section 42 NERC Act 2006 Schedule 5 W & C Act 1981, as amended | Mostly recorded in proposed Cae Glas nature reserve. Small numbers in southeast corner of main site. | Create and maintain new hibernacula for common lizard. Maintain basking areas for reptiles. Monitor common lizard population periodically. |
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| <u>Fish</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Invertebrates</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Vascular plants</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Lichens</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | -- | - | - |

| KINGSLAND | | | |
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| Habitats | Legislation | Extent | Conservation priorities |
| Hedgerows | Section 42 NERC Act 2006 UKBAP Anglesey BAP | 1,432m. | Monitor hedgerow habitat. Manage hedgerows to benefit nesting birds and other wildlife. |
| Reedbed | Section 42 NERC Act 2006 UKBAP | 1.25ha. | Monitor reedbed habitat. Monitor reedbed condition. Manage reedbed to benefit nesting birds. |
| Mammals | Legislation | Extent | Conservation priorities |
| Noctule | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Historical records only. No known roosts. | Increase woodland cover and habitat connectivity within the site. Install roost boxes in suitable locations. |
| Common pipistrelle | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Historical records. Low levels of foraging/commuting activity. | Increase woodland cover and habitat connectivity within the site. Install roost boxes in suitable locations. |
| Brown long-eared bat | Section 42 NERC Act 2006 Annex II Schedule 5 W & C Act 1981, as amended | Low levels of foraging/commuting activity. | Increase woodland cover and habitat connectivity within the site. |
| Birds | Legislation | Extent | Conservation priorities |
| Common linnet | Section 42 NERC Act 2006 Red List BoCC UKBAP | Historical records. | Maintain habitat suitable for nesting. |
| Reed bunting | Section 42 NERC Act 2006 UKBAP Amber List BoCC | Historical records. Recorded on reedbed at north boundary of site during 2011 breeding bird survey (possible breeder). | Maintain habitat suitable for nesting. |
| Chough | Section 42 NERC Act 2006 Schedule 1 W & C Act 1981, as | Small numbers recorded flying over site on two occasions and feeding on adjacent | Install interpretation board on west boundary of site to educate |

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| | amended Annex I Birds directive Amber List BoCC Anglesey BAP | land to north. | residents. |
| Black-headed gull | Section 42 NERC Act 2006 Annex 2 Birds Directive Amber List BoCC | Recorded during surveys (not breeding on-site) | None identified. |
| Curlew | Section 42 NERC Act 2006 Amber List BoCC UKBAP | A flock of 26 birds was recorded during surveys on land to the north of the site (not breeding on-site). | None identified. |
| Herring gull | Section 42 NERC Act 2006 Annex 2 Birds Directive UKBAP Red List BoCC | Recorded during surveys (not breeding on-site). | None identified. |
| Grey partridge | Section 42 NERC Act 2006 UKBAP Red List BoCC | 2 breeding pairs recorded breeding in 2011. | Maintain habitat suitable for nesting. |
| <u>Amphibians and Reptiles</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| Common toad | Section 42 NERC Act 2006 UKBAP | Recorded in one pond within 100m of site – Pond 20. | Create and maintain new hibernacula for common toad. Monitor condition of aquatic habitat. Monitor common toad population periodically. |
| <u>Fish</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| Common eel | Section 42 NERC Act 2006 UKBAP | Desktop survey record for stream associated with pond 23 100+ m to west of site. | None identified. |
| <u>Invertebrates</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Vascular plants</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |
| <u>Lichens</u> | <u>Legislation</u> | <u>Extent</u> | <u>Conservation priorities</u> |
| None identified. | - | - | - |

