

**Table 4b: Correspondence between the EC Habitat Directive Annex I types and the biodiversity Broad Habitat Classification**

| <b>Annex I code</b> | <b>Annex 1 type</b>  | <b>Broad habitat type</b>    | <b>Relationship</b> | <b>Comment</b>   |
|---------------------|--|------------------------------|---------------------|--|
| 1110                | Sandbanks which are slightly covered by sea water all the time                 | Inshore sublittoral sediment |                     |  |
| 1140                | Mudflats and sandflats not covered by sea water at low tide                    | Littoral sediment            |                     |  |
| 1130                | Estuary  | *                            |                     | This Annex I type can not be universally allocated in the Broad Habitat Classification, its placement will vary according to the individual circumstances of the site. |
| 1150                | Coastal lagoons  | Inshore sublittoral sediment |                     |  |
| 1160                | Large shallow inlets and bays  | *                            |                     | This Annex I type can not be universally allocated in the Broad Habitat Classification, its placement will vary according to the individual circumstances of the site. |
| 1170                | Reefs  | Inshore sublittoral rock     |                     |  |
| 1210                | Annual vegetation of drift lines   | Supralittoral sediment       |                     |  |
| 1220                | Perennial vegetation of stony banks  | Supralittoral sediment       |                     |  |
| 1230                | Vegetated sea cliffs of the Atlantic and Baltic coasts                         | Supralittoral rock           |                     |  |
| 1310                | Salicornia and other annuals colonising mud and sand                           | Littoral sediment            |                     |  |
| 1320                | Spartina swards (Spartinion maritimae)   | Littoral sediment            |                     |  |
| 1330                | Atlantic salt meadows (Glauco-Puccinellietalia maritimae)                      | Littoral sediment            |                     |  |
| 1340                | Inland salt meadows  | Neutral grassland            |                     |  |
| 1420                | Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi) | Littoral sediment            |                     |  |
| 2110                | Embryonic shifting dunes   | Supralittoral sediment       |                     |  |
| 2120                | Shifting dunes along the   | Supralittoral sediment       |                     |  |

|      |  |                                |  |  |
|------|--|--------------------------------|--|--|
|      | shoreline with <i>Ammophila arenaria</i> (white dunes)   |                                |  |  |
| 2130 | Fixed dunes with herbaceous vegetation (grey dunes)  | Supralittoral sediment         |  |  |
| 2140 | Decalcified fixed dunes with <i>Empetrum nigrum</i>  | Supralittoral sediment         |  |  |
| 2150 | Atlantian decalcified fixed dunes ( <i>Calluno-Ulicetea</i> )  | Supralittoral sediment         |  |  |
| 2160 | Dunes with <i>Hippophae rhamnoides</i>   | Supralittoral sediment         |  |  |
| 2170 | Dunes with <i>Salix repens</i> ssp. <i>Argentea</i> ( <i>Salicion arenariae</i> )  | Supralittoral sediment         |  |  |
| 2190 | Humid dune slacks  | Supralittoral sediment         |  |  |
| 21A0 | Machair  | Supralittoral sediment         |  |  |
| 2250 | Coastal dunes with <i>Juniperus</i> spp.   | Supralittoral sediment         |  |  |
| 2330 | Inland dunes with <i>Corynephorus</i> and <i>Agrostis</i> grassland  | Acid grassland                 |  |  |
| 3110 | Oligotrophic waters containing very few minerals of sandy plains: <i>Littorelletalia uniflorarum</i>                                       | Standing open water and canals |  |  |
| 3130 | Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorum</i> and/or of the <i>Isoeto-Nanojuncetea</i> | Standing open water and canals |  |  |
| 3140 | Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.   | Standing open water and canals |  |  |
| 3150 | Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> -type vegetation  | Standing open water and canals |  |  |
| 3160 | Natural dystrophic lakes and ponds   | Standing open water and canals |  |  |
| 3170 | Mediterranean temporary ponds  | Standing open water and canals |  |  |
| 3260 | Water courses of plain to montane levels with <i>Ranunculion fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation                   | Rivers and streams             |  |  |
| 4010 | Northern Atlantic wet heaths with <i>Erica Tetralix</i>  | Dwarf shrub heath              |  |  |
| 4020 | Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i>   | Dwarf shrub heath              |  |  |
| 4030 | European dry heaths  | Dwarf shrub heath              |  |  |

|      |  |                                     |      |   |
|------|--|-------------------------------------|------|---|
| 4040 | Dry Atlantic coastal heaths with <i>Erica vagans</i>   | Dwarf shrub heath                   |      |   |
| 4060 | Alpine and boreal heaths   | Montane habitats                    |      |   |
| 4080 | Sub-Arctic <i>Salix</i> sp. scrub  | Montane habitats                    |      |   |
| 5110 | Stable xerothermophilous formations with <i>Buxus sempervirens</i> on rock slopes (Berberidion p.p.)                           | Broadleaved, mixed and yew woodland |      |   |
| 5130 | <i>Juniperus communis</i> formations on heaths or calcareous grasslands  | Broadleaved, mixed and yew woodland | part | Juniper formations on calcareous grassland are included in the "Broadleaved, mixed and yew woodland" broad habitat; whereas Juniper formations on heaths are included in the "Coniferous woodland" broad habitat.         |
| 5130 | <i>Juniperus communis</i> formations on heaths or calcareous grasslands  | Coniferous woodland                 | part | Juniper formations on heath are included in the "Coniferous woodland" broad habitat; whereas <i>Juniperus</i> formations on calcareous grassland are included in the "Broadleaved, mixed and yew woodland" broad habitat. |
| 6130 | Calaminarian grasslands of the <i>Violeralia calaminariae</i>  | Inland rock                         |      |   |
| 6150 | Siliceous alpine and boreal grassland  | Montane habitats                    |      |   |
| 6170 | Alpine and subalpine calcareous grasslands   | Calcareous grassland                |      |   |
| 6210 | Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (important orchid sites)        | Calcareous grassland                |      |   |
| 6230 | Species rich <i>Nardus</i> grassland, on siliceous substrates in mountain areas (and submountain areas, in continental Europe) | Calcareous grassland                |      |   |
| 6410 | <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils ( <i>Molinion caeruleae</i> )                           | Fen, marsh and swamp                |      |   |
| 6430 | Hydrophilous tall herb fringe communities of plains and of   | Inland rock                         |      |   |

|      |   |                         |      |   |
|------|---|-------------------------|------|---|
|      | the montane to alpine levels  |                         |      |   |
| 6510 | Lowland hay meadows<br>( <i>Alopecurus pratensis</i> ,<br><i>Sanguisorba officinalis</i> )                                | Neutral grassland       |      |   |
| 6520 | Mountain hay meadows  | Neutral grassland       |      |   |
| 7110 | Active raised bogs  | Bogs                    |      |   |
| 7120 | Degraded raised bogs still<br>capable of natural<br>regeneration  | Bogs                    |      |   |
| 7130 | Blanket bog (active only)   | Bogs                    |      |   |
| 7140 | Transition mires and quaking<br>bogs  | Fen, marsh and<br>swamp |      |   |
| 7150 | Depressions on peat<br>substrates of the<br>Rhynchosporion  | Fen, marsh and<br>swamp | part | Rhynchosporion<br>vegetation on valley<br>mires is included in the<br>"Fen, marsh and<br>swamp" broad habitat;<br>Rhynchosporion<br>vegetation on raised<br>and blanket bog is<br>included the "Bogs"<br>broad habitat. |
| 7150 | Depressions on peat<br>substrates of the<br>Rhynchosporion  | Bogs                    | part | Rhynchosporion<br>vegetation on raised<br>and blanket bogs is<br>included in "Bogs"<br>broad habitat;<br>Rhynchosporion<br>vegetation on valley<br>mires is included the<br>"Fen, marsh and<br>swamp" broad habitat.    |
| 7210 | Calcareous fens with<br><i>Cladium mariscus</i> and<br>species of the <i>Caricion<br/>davallianae</i>                     | Fen, marsh and<br>swamp |      |   |
| 7220 | Petrifying springs with tufa<br>formation ( <i>Cratoneurion</i> )   | Fen, marsh and<br>swamp |      |   |
| 7230 | Alkaline fens   | Fen, marsh and<br>swamp |      |   |
| 7240 | Alpine pioneer formations of<br><i>Caricion bicoloris-atrofuscae</i>  | Fen, marsh and<br>swamp |      |   |
| 8110 | Siliceous scree of the<br>montane to snow levels<br>( <i>Androsacetalia alpinae</i> and<br><i>Caleopsietalia ladani</i> ) | Inland rock             |      |   |
| 8120 | Calcareous and calcshist<br>scree of the montane to<br>alpine levels ( <i>Thlaspietea<br/>rotundifolli</i> )              | Inland rock             |      |   |
| 8210 | Calcareous rocky slopes with<br>chasmophytic vegetation   | Inland rock             |      |   |

|      |   |                                     |      |   |
|------|---|-------------------------------------|------|---|
| 8220 | Siliceous rocky slopes with chasmophytic vegetation   | Inland rock                         |      |   |
| 8240 | Limestone pavements   | Inland rock                         |      |   |
| 8330 | Submerged or partially submerged sea caves  | *                                   |      | This Annex I type can not be universally allocated in the Broad Habitat Classification, its placement will vary according to the individual circumstances of the site.  |
| 9120 | Atlantic acidophilous beech forest with Ilex and sometimes also Taxus in the shrublayer (Quercion robur-petraeae or Ilici-Fagion) | Broadleaved, mixed and yew woodland |      |   |
| 9130 | Asperulo-fagetum beech forests  | Broadleaved, mixed and yew woodland |      |   |
| 9160 | Sub-Atlantic and medio-European oak or oak-hornbeam forests of the Carpinion betuli   | Broadleaved, mixed and yew woodland |      |   |
| 9180 | Tilio-Acerion forests of slopes, screes and ravines   | Broadleaved, mixed and yew woodland |      |   |
| 9190 | Old acidophilous oak woods with Ilex and Blechnum in the British Isles  | Broadleaved, mixed and yew woodland |      |   |
| 91A0 | Old sessile oak woods with Ilex and Blechnum in the British Isles   | Broadleaved, mixed and yew woodland |      |   |
| 91C0 | Caledonian forest   | Coniferous woodland                 |      |   |
| 91D0 | Bog woodland  | Broadleaved, mixed and yew woodland | part | Bog woodlands in the New Forest consisting of birch, willow and alder are included in the "Broadleaved, mixed and yew" broad habitat; bog woodlands of Scots pine are included in the "Coniferous woodland" broad habitat.                  |
| 91D0 | Bog woodland  | Coniferous woodland                 | part | Bog woodland of Scots pine are included in the "Coniferous woodland" broad habitat; where as bog woodlands in the new forest consisting of birch, willow and alder are included in the "Broadleaved, mixed and yew woodland" broad habitat. |

|      |  |                                     |  |  |
|------|--|-------------------------------------|--|--|
| 91E0 | Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, <i>Alnion incanae</i> , <i>Salicion alvae</i> ) | Broadleaved, mixed and yew woodland |  |  |
| 91J0 | <i>Taxus baccata</i> woods of the British Isles  | Broadleaved, mixed and yew woodland |  |  |