

Appendix 1 to PRIORITISED ACTION FRAMEWORK (PAF) FOR NATURA 2000 in SLOVENIA

1. List of species dependent on grassland habitats (E.2.4) for which Agri-environmental measures Sub-measure 10.1 - Payment of agri-environment-climate commitments in the period 2014-2020 were identified depending on the type of measure

Special grassland habitats (HAB):

Plants: Marsh gladiolus (*Gladiolus palustris*), Adriatic lizard orchid (*Himantoglossum adriaticum*), *Liparis loeselii*, *Pulsatilla grandis*, *Scilla litardierei*, *Serratula lycopifolia*,

Butterflies: Marsh Fritillary (*Euphydryas aurinia*), Large Copper (*Lycaena dispar*), False Ringlet (*Coenonympha oedippus*), Scarce Fritillary (*Euphydryas maturna*)

Birds: Sedge Warbler (*Acrocephalus schoenobaenus*), Lesser Grey Shrike (*Lanius minor*), Spotted Crake (*Porzana porzana*), Wood Lark (*Lullula arborea*), Common Grasshopper-warbler (*Locustella naevia*), Common Snipe (*Gallinago gallinago*), Little Crake (*Zapornia parva*), European Nightjar (*Caprimulgus europaeus*), Eurasian Skylark (*Alauda arvensis*), Common Quail (*Coturnix coturnix*), Northern Lapwing (*Vanellus vanellus*), Common Redshank (*Tringa tetanus*), Red-backed Shrike (*Lanius collurio*), Rufous-tailed Rock-thrush (*Monticola saxatilis*), Common Hoopoe (*Upupa epops*), European Honey-buzzard (*Pernis apivorus*), Eurasian Eagle-owl (*Bubo bubo*), Eurasian Scops-owl (*Otus scops*), Corn Bunting (*Miliaria calandra*), Eurasian Curlew (*Numenius arquata*), Eurasian Wryneck (*Jynx torquilla*), Common Kingfisher (*Alcedo atthis*), Ortolan Bunting (*Emberiza hortulana*)

Molluscs: *Congerius kusceri*, Thick Shelled River Mussel (*Unio crassus*), Narrow-mouthed Whorl Snail (*Vertigo angustior*)

Reptiles: Four-lined snake (*Elaphe quatuorlineata*)

Amphibians: Proteus (*Proteus anguinus*), Fire-bellied toad (*Bombina bombina*), Yellow-bellied toad (*Bombina variegata*), Italian agile frog (*Rana latastei*), Italian crested newt (*Triturus carnifex*), Danube newt (*Triturus dobrogicus*)

Dragonflies: *Coenagrion ornatum*, *Cordulegaster heros*, Large white-faced darter (*Leucorrhinia pectoralis*), *Ophiogomphus Cecilia*

Crustaceans: Stone Crayfish (*Austropotamobius torrentium*), White-clawed Crayfish (*Austropotamobius pallipes*)

Fishes: Italian Bleak (*Alburnus albidus*), Danube Barbel (*Barbus balcanicus*), European bullhead (*Cottus gobio*)

Grassland habitats of butterflies (MET):

Butterflies: Dusky Large Blue (*Maculinea nausithous*), Scarce Large Blue (*Maculinea teleius*)

Habitats of birds of humid extensive meadows (VTR):

Birds: Corncrake (*Crex crex*), Spotted Crake (*Porzana porzana*), Little Crake (*Zapornia parva*), Whinchat (*Saxicola rubetra*)

Litter meadows (STE)

Butterflies: False Ringlet (*Coenonympha oedippus*)

Dragonflies: Ornate Bluethroat (*Coenagrion ornatum*)

2. List of species dependent on woodlands and forest habitats (E.2.6.) for which forestry measures were identified depending on the type of measure

Conservation of biotopes - natural development, felling, tending:

Birds: Three-toed Woodpecker (*Picoides tridactylus*), White-backed Woodpecker (*Dendrocopos leucotos*), Middle Spotted Woodpecker (*Leiopicus medius*), Red-breasted Flycatcher (*Ficedula parva*), Western capercaillie (*Tetrao urogallus*), Hazel Grouse (*Bonasia bonasia*)

Beetles: *Cucujus cinnaberinus*, *Rhysodes sulcatus*, *Carabus (variolosus) nodulosus*

Plants: *Liparis loeselii*, *Asplenium adulterinum*, *Eleocharis carniolica*, *Cypripedium calceolus*, Yellow Azalea (*Rhododendron luteum*)

Planned release of biomass in the forest

Birds: White-backed Woodpecker (*Dendrocopos leucotos*), Three-toed Woodpecker (*Picoides tridactylus*), Middle Spotted Woodpecker (*Leiopicus medius*), Collared Flycatcher (*Ficedula albicollis*), Black Woodpecker (*Dryocopus martius*), Grey-faced Woodpecker (*Picus canus*), Boreal Owl (*Aegolius funereus*), Eurasian Pygmy-owl (*Glaucidium passerinum*), Ural Owl (*Strix uralensis*), Black Stork (*Ciconia nigra*), Short-toed Snake-eagle (*Circaetus gallicus*), Lesser Spotted Eagle (*Clanga pomarina*), Western capercaillie (*Tetrao urogallus*), White-tailed Sea-eagle (*Haliaeetus albicilla*)

Bats: Barbastelle Bat (*Barbastella barbastellus*), Bechstein's bat (*Myotis bechsteinii*)

Beetles: *Cucujus cinnaberinus*, *Rhysodes sulcatus*, Great Capricorn Beetle (*Cerambyx cerdo*), *Osmoderma eremita*, Alpine Longhorn Beetle (*Rosalia alpina*), *Morimus funereus*

Planting of seedlings of fruit-bearing tree species

Birds: Western capercaillie (*Tetrao urogallus*), Hazel Grouse (*Bonasia bonasia*)

Road barriers (private forests)/ Gates on forest roads (state forests)

Birds: Western capercaillie (*Tetrao urogallus*), White-tailed Sea-eagle (*Haliaeetus albicilla*), Black Stork (*Ciconia nigra*), Short-toed Snake-eagle (*Circaetus gallicus*), Lesser Spotted Eagle (*Clanga pomarina*), European Honey-buzzard (*Pernis apivorus*), Golden Eagle (*Aquila chrysaetos*)

Land purchase of forest land

Birds: White-backed Woodpecker (*Dendrocopos leucotos*), Three-toed Woodpecker (*Picoides tridactylus*), Middle Spotted Woodpecker (*Leiopicus medius*), Red-breasted Flycatcher (*Ficedula parva*), Western capercaillie (*Tetrao urogallus*)

Beetles: *Cucujus cinnaberinus*, *Rhysodes sulcatus*, *Carabus (variolosus) nodulosus*

Mulching the slopes of forest roads (all forests)

Birds: Western capercaillie (*Tetrao urogallus*), Hazel Grouse (*Bonasia bonasia*)

Tree girdling (all forests)

Birds: White-backed Woodpecker (*Dendrocopos leucotos*)

Beetles: *Cucujus cinnaberinus*, *Rhysodes sulcatus*, *Carabus (variolosus) nodulosus*, Great Capricorn Beetle (*Cerambyx cerdo*), *Osmoderma eremita*, Alpine Longhorn Beetle (*Rosalia alpina*), *Morimus funereus*

Maintenance of shrubs (all forests)

Birds: Hazel Grouse (*Bonasia bonasia*)

Butterflies: Scarce fritillary (*Euphydryas maturna*), Fenton's wood white (*Leptidea morsei*),

Construction and maintenance of larger water bodies in the forest (all forests)

Bats: Barbastelle Bat (*Barbastella barbastellus*), the greater mouse-eared bat (*Myotis myotis*)

Birds: Black Stork (*Ciconia nigra*),

Amphibians: Yellow-bellied toad (*Bombina variegata*), Italian agile frog (*Rana latastei*), Italian crested newt (*Triturus cristatus*), Fire-bellied toad (*Bombina orientalis*), Danube newt (*Triturus cristatus*)

Preparation of stand for natural restoration (all forests)

Forest habitat types

3. List of species dependent on Freshwater habitats (E.2.8.) for which measures were identified depending on the type of measure

Creation of fish passes in freshwater habitats (eg. Bača, Krka, Ljubljana, Sora Škofja Loka - jez Goričane, Ljubljana - Gradaščica - Mali Graben, Poljanska Sora Log - Škofja Loka)

Fish: Sculpin (*Cottus gobio*), Marble Trout (*Salmo marmoratus*), Danube Barbel (*Barbus balcanicus*), Asp (*Aspius aspius*), Kessler's Gudgeon (*Gobio kessleri*), Spined Loach (*Cobitis taenia*), European Bitterling (*Rhodeus sericeus amarus*), Danube Roach (*Rutilus pigus*), Huchen (*Hucho hucho*), Streber (*Zingel streber*), Balkan Loach (*Cobitis elongata*), Goldside Loach (*Sabanejewia aurata*), Brook Lamprey (*Eudontomyzon* spp.), Soufie (*Leuciscus souffia*), Weatherfish (*Misgurnus fossilis*), Danubian Gudgeon (*Gobio uranoscopus*)

Crustaceans: Stone Crayfish (*Austropotamobius torrentium*)

Reptiles: European Pond Terrapin (*Emys orbicularis*)

Mammals: European beaver (*Castor fiber*), Otter (*Lutra lutra*)

Molluscs: Thick Shelled River Mussel (*Unio crassus*)

Dragonflies: *Ophiogomphus Cecilia*

Renaturation of streams (eg. Mirna, Drava, Mura, Sotla, Voglajna) – opening, renaturation of oxbows and riverbanks, creation of suitable habitats

Fish: Danube Barbel (*Barbus balcanicus*), Cactus Roach (*Rutilus virgo*), Danubian Gudgeon (*Gobio uranoscopus*), Asp (*Aspius aspius*), European Bitterling (*Rhodeus sericeus amarus*), Spined Loach (*Cobitis taenia*), Streber (*Zingel streber*), Sculpin (*Cottus gobio*), Balkan Loach (*Cobitis elongata*), White-finned Gudgeon (*Gobio alpinus*), Kessler's Gudgeon (*Gobio kessleri*), Goldside Loach (*Sabanejewia aurata*), Huchen (*Hucho hucho*)

Molluscs: Thick Shelled River Mussel (*Unio crassus*)

Dragonflies: *Coenagrion ornatum*, Large white-faced darter (*Leucorrhinia pectoralis*), *Ophiogomphus Cecilia*

Birds: Little Grebe (*Tachybaptus ruficollis*), Mallard (*Anas platyrhynchos*), Black-headed Gull (*Larus ridibundus*), Grey Heron (*Ardea cinerea*), Great Cormorant (*Phalacrocorax carbo*), Eurasian Coot (*Fulica atra*), Tufted Duck (*Aythya fuligula*), Common Pochard (*Aythya ferina*), Mute Swan (*Cygnus olor*), Common Goldeneye (*Bucephala clangula*), Savi's Warbler (*Locustella luscinioides*), Little Crake (*Porzana parva*), Western Water Rail (*Rallus aquaticus*), Common Little Bittern (*Ixobrychus minutus*), Great Reed-warbler (*Acrocephalus arundinaceus*), Sedge Warbler (*Acrocephalus schoenobaenus*), Black Stork (*Ciconia nigra*), Eurasian Penduline-tit (*Remiz pendulinus*), Great White Egret (*Casmerodius albus*), Willow Warbler (*Phylloscopus trochilus*), European Honey-buzzard (*Pernis apivorus*), Middle Spotted Woodpecker (*Dendrocopos medius*), Collared Flycatcher (*Ficedula albicollis*), Black Woodpecker (*Dryocopus martius*), Grey-faced Woodpecker (*Picus canus*), White-tailed Sea-eagle (*Haliaeetus albicilla*), Common Kingfisher (*Alcedo atthis*)

Amphibians: Fire-bellied toad (*Bombina orientalis*), Yellow-bellied toad (*Bombina variegata*), Italian crested newt (*Triturus cristatus*), Danube crested newt (*Triturus dobrogicus*)

Mammals: European beaver (*Castor fiber*), Otter (*Lutra lutra*)

Reptiles: European Pond Terrapin (*Emys orbicularis*)

Molluscs: Little Whirlpool Ramshorn Snail (*Anisus vorticulus*), Thick Shelled River Mussel (*Unio crassus*)

Butterflies: Jersey Tiger (*Callimorpha quadripunctaria*)

Beetles: Water Beetle (*Graphoderus bilineatus*), Stag Beetle (*Lucanus cervus*), *Cucujus cinnaberius*, *Carabus variolosus*, Great Capricorn Beetle (*Cerambyx cerdo*)

Reinforcement Increase of native fish populations by supportive breeding

Fish: Huchen (*Hucho hucho*), Marble Trout (*Salmo marmoratus*), South European Nase (*Protochondrostoma genei*), Grayling (*Thymallus thymallus*)

Effect of water abstractions on habitat of Italian barbel (*Barbus plebejus*) in Natura 2000 area Slovenska Istra & asp (*Leuciscus aspius*) in Krka s pritoki and guidelines for the management of the area

Fish: Italian barbell (*Barbus plebejus*), asp (*Leuciscus aspius*)

Creation of habitat connectivity with fish passes in freshwater habitats for European eel (*Aguilla Anguilla*)

Fish: European eel (*Aguilla Anguilla*)

Restoration of habitats and preparation of management plans in selected Natura 2000 sites (e.g. HT 3130 and 3150: Rački ribniki – Požeg & Črete (management and restoration); Podvinci (management), Velovlek (management & restoration))

Plants: *Eleocharis carniolica*, *Marsilea quadrifolia*

Beetles: *Graphoderus bilineatus*,

Dragonflies *Leucorrhinia pectoralis*,

Birds: *Acrocephalus arundinaceus*, *Anas querquedula*, *Aythya ferina*, *Aythya fuligula*, *Aythya nyroca*, *Egretta alba*, *Haliaeetus albicilla*, *Ixobrychus minutus*, *Larus ridibundus*, *Pandion haliaetus*, *Porzana parva*, *Porzana porzana*.

HT: Natural eutrophic lakes with Magnopotamion or Hydrocharition type vegetation (3150); Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the Isoeto-Nanojuncetea (3130)