Additional file 1: List of search terms pre-identified by the search team, sort by lexical field

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Biodiversity | LTI | Verges | Management practices | Habitats | Continuity | Measurements |
| Biodiversity Biological diversity Diversity | Infrastructure | VergeRight of wayVergeDependencyRoad shoulderEmergency laneSafe lane | ManagementIntensiveExtensive | HabitatLandscapeRefuge | Green infrastructuresBlue-green infrastructureGreenwayCorridorEcological corridorRiver corridorRiparian corridor Linear landscape element | AbundanceFloristic compositionFaunistic compositionSpecies richnessDiversity |
| Species Ecosystem Ecotone Community | Linear | EdgeSideRoadside | PesticideBiocideInsecticide Herbicide Fungicide Biological ControlBiocontrolFertilizingEradication | ForestWoodlandFarmlandAgricultureCropsUrbanGrasslandHayfieldForest-edgeHedgerowHedgeHeathMoorRangelandPastureMeadowsWetland | Migration corridorMovement corridorMovement laneMigration laneMigrationMigrateMigratoryMovementMobilityDispersalRouteItineraryPassagePathWayPathway | RefugeHabitatNesting siteReproduction siteFeeding site |
| Flora Plant | TransportTransportation | VicinityProximity | PlantationMowingReapingPlowingPruningWeedingClearingCutting MulchingRameal Chipped Wood (RCW)  | ArtificialMan-made | AlongAlongside | DispersalMovementGene FlowEpizoochorySeed dispersal |
| FaunaAnimalFishReptileBirdsAmphibianMammal VertebrateInsect | RailRailwayRailway linesRailroadTrain track | EmbankmentDitch | FenceFence lineWire nettingWire mesh |  | ViabilityPopulationGeneFlowColonization  | MortalityLossDecline |
| Ecological Natural | CanalWaterwayShipping laneNavigation laneChannel | RiparianRiparian stripRiversideRiverineBankRiverbankFloodplainWetland | RestorationCompensation Mitigation |  | ConnectivityConnectConnectingNetworkContinuityDiscontinuousDiscontinued | InvasionInvasiveAllergy |
| Conservation  | RiverStreamCourse | Central reservationIntersection reservation | UnderpassOverpassTunnelCulvert |  |  | DisturbanceDegradation |
| NatureWildlife | Power lineElectric lineHigh-tension line | Rest area | Pasture |  |  |  |
| Exotic Invasive Indigenous Native | Electric pylon | Buffer stripGrass stripVegetated strip | BurningStubble burning |  |  |  |
| AquaticTerrestrial | PipelineGas pipelineOil pipeline |  | Ditching |  |  |  |
|  | RoadHighwayMotorwayFreewayRoadway |  | Pollution Contamination DepollutionDecontamination |  |  |  |
|  | TurnpikePike |  |  |  |  |  |