

ANNEX L

Flora and Fauna List

Annex L-1: List of Flora Species Inside and Surrounding of The Project Areas

Annex L-2: List of Fauna Species Inside and Surrounding of The Project Areas

Annex L-3: Aquatic Organism Inventory of the Project Site

ANNEX L-1

List of Flora Species Inside and Surrounding of The Project Areas

Table L-1.1. List of flora species inside and surrounding of the Project Areas

FAMILY	NO	SPECIES	ENGLISH NAME	PHYTOGEOGRAPHIC REGION	ENDEMIZM		T.S.	BERN	CITES				HABITAT					ABUNDANCE				
					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5
PTERIDOPHYTA																						
EQUISETACEAE	1	<i>Equisetum telmateia</i> Ehrh.	Great horsetail	Widespread														x	x	x	x	
HYPOLEPIDACEAE	2	<i>Pteridium aquilinum</i> (L.) Kuhn	Common bracken	Widespread											x						x	
ASPLENIACEAE	3	<i>Asplenium trichomanes</i> L.	Maidenhair spleenwort	Widespread											x				x	x		
	4	<i>Phyllitis scolopendrium</i> (L.) Newm.		Widespread										x						x		
ATHYRIACEAE	5	<i>Athyrium filix-foemina</i> (L.) Roth	Lady fern	Widespread										x			x	x			x	
ASPIDIACEAE	6	<i>Polystichum aculeatum</i> (L.) Roth	Hard shield fern	Widespread										x			x	x			x	
	7	<i>Dryopteris filix-mas</i> (L.) Schott	Male fern	Widespread										x	x				x			
SPERMATOPHYTA																						
GYMNOSPERMAE																						
PINACEAE	8	<i>Pinus nigra</i> J.F. Arnold subsp. <i>pallasiana</i> var. <i>pallasiana</i>	Black pine	Plantation											x					x		
	9	<i>Pinus brutia</i> Ten.	Turkish pine	Mediterranean										x			x				x	
CUPRESSACEAE	10	<i>Juniperus oxycedrus</i> L. subsp. <i>oxycedrus</i>	Prickly juniper	Widespread										x	x	x			x			
DICOTYLEDONES																						
RANUNCULACEAE	11	<i>Ranunculus arvensis</i> L.	Corn buttercup	Mediterranean										x	x			x				
	12	<i>Ranunculus ficaria</i> L. subsp. <i>ficariiformis</i> Rouy & Fouc		Widespread										x	x					x		
	13	<i>Ranunculus repens</i> L.	Creeping buttercup	Widespread													x	x		x	x	
	14	<i>Helleborus orientalis</i> Lam.		Widespread										x	x				x			x
	15	<i>Clematis vitalba</i> L.	Old man's beard	Widespread										x		x			x			x
PAPAVERACEAE	16	<i>Hypecoum procumbens</i> L.		Euro-Siberian										x					x			x
	17	<i>Papaver rhoeas</i> L.	Common poppy	Widespread										x	x				x			x
	18	<i>Corydalis solida</i> (L.) Swartz subsp. <i>solida</i>		Widespread										x	x		x			x		
CRUCIFERAE	19	<i>Descurainia sophia</i> (L.)		Widespread													x	x	x	x		
	20	<i>Brasica oleracea</i> L. Subsp. <i>acephala</i> (DC.) Metag.		Culture										x			x			x		
	21	<i>Cardamine bulbifera</i> (L.) Crantz	Coralroot bittercress	Euro-Siberian																x		
	22	<i>Eruca sativa</i> Miller	Salad rocket	Widespread										x					x			x
	23	<i>Thlaspi perfoliatum</i> L.	Cotswold pennycress	Widespread										x			x			x		
	24	<i>Capsella bursa-pastoris</i> (L.) Medik.	Shepherd's purse	Widespread										x		x	x	x	x		x	
	25	<i>Sisymbrium officinale</i> (L.) Scop.	Hedge mustard	Widespread										x		x	x	x	x		x	
CISTACEAE	26	<i>Cistus creticus</i> L.	Pink rockrose	Mediterranean										x					x			x
	27	<i>Helianthemum salicifolium</i> (L.) Miller		Widespread										x					x			x
VIOLACEAE	28	<i>Viola odorata</i> L.		Widespread										x	x	x	x	x	x		x	
POLYGALACEAE	29	<i>Polygala supina</i> Schreb.		Widespread										x	x	x	x	x	x		x	

FAMILY	NO	SPECIES	ENGLISH NAME	PHYTOGEOGRAPHIC REGION	ENDEMIZM		T.S.	BERN	CITES				HABITAT					ABUNDANCE				
					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5
CARYOPHYLLACEAE	30	<i>Minuartia hamata</i> (Hausskn.) Mattf.		Widespread									x	x	x			x				
	31	<i>Cerastium illyricum</i> Ard. subsp. <i>comatum</i> (Pesv.) P.D.Seel & Whitehead		Widespread									x	x	x			x				
	32	<i>Holosteum umbellatum</i> L. var. <i>Umbellatum</i>		Euro-Siberian									x	x	x			x				
	33	<i>Dianthus calocephalus</i> Boiss.		Widespread									x	x	x			x				
	34	<i>Velezia rigida</i> L.		Euro-Siberian									x	x	x			x				
	35	<i>Silene vulgaris</i> (Moenc) Garcke var. <i>vulgaris</i>		Widespread									x	x	x			x				
	36	<i>Silene subconica</i> Friv.		Widespread									x	x				x				
	37	<i>Silene alba</i> (Miller) Krause subsp. <i>alba</i>		Euro-Siberian									x		x			x				
	38	<i>Stellaria media</i> (L.) Vill. Subsp. <i>media</i>	Chickweed	Widespread									x		x			x			x	
ILLECEBRACEAE	39	<i>Herniaria incana</i> Lam.		Widespread									x					x			x	
POLYGONACEAE	40	<i>Polygonum lapathifolium</i> L.		Widespread														x	x			
	41	<i>Rumex scutatus</i> L.		Widespread									x					x			x	
TILIACEAE	42	<i>Tilia rubra</i> DC. Subsp. <i>caucasica</i> (Rupr.) V. Engler		Euro-Siberian									x					x			x	
	43	<i>Tilia argentea</i> Desf. ex DC.	Tilia	Euro-Siberian									x					x			x	
GERANIACEAE	44	<i>Erodium cicutarium</i> (L.) L. Herit subsp. <i>cicutarium</i>	Primrose	Widespread									x	x	x			x			x	
	45	<i>Geranium molle</i> L. subsp. <i>molle</i>		Widespread									x	x	x			x			x	
	46	<i>Geranium purpureum</i> Vill.		Widespread									x		x			x			x	
ACERACEAE	47	<i>Acer campestre</i> L. Subsp. <i>campestre</i>	Field maple	Widespread									x					x			x	
STAPHYLEACEAE	48	<i>Staphylea pinnata</i> L.	European bladdernut	Widespread									x	x				x			x	
CELASTRACEAE	49	<i>Euonymus latifolius</i> (L.) Miller subsp. <i>cauconis</i> Coode & Cullen.		Euro-Siberian	x		NT						x					x			x	
RHAMNACEAE	50	<i>Paliurus spina-christi</i> Miller	Blackthorn	Widespread									x					x			x	
ANACARDIACEAE	51	<i>Rhus coriaria</i> L.	Elm-leaved sumach	Widespread									x					x			x	
	52	<i>Pistacia terebinthus</i> L. Subsp. <i>palaestina</i> (Boiss.) Engler		Mediterranean									x					x			x	
LEGUMINOSAE	53	<i>Astragalus glycyphyllos</i> L. subsp. <i>glycyphyllos</i>		Euro-Siberian									x	x	x			x			x	
	54	<i>Genista tinctoria</i> L.	Dyer's greenweed	Euro-Siberian									x	x	x			x			x	
	55	<i>Chamaecytisus hirsutus</i> (L.) Link	Big flower broom	Widespread									x	x	x			x			x	
	56	<i>Spartium junceum</i> L.	Spanish broom	Mediterranean									x					x			x	
	57	<i>Psoralea bituminosa</i> L.		Mediterranean									x					x			x	
	58	<i>Coronilla varia</i> L. subsp. <i>varia</i>		Widespread									x					x			x	
	59	<i>Melilotus alba</i> Desr.		Widespread																		
	60	<i>Dorycnium graecum</i> (L.) Ser.		Euro-Siberian																		
LEGUMINOSAE	61	<i>Vicia cracca</i> L. subsp. <i>stenophylla</i> Vel.		Widespread									x								x	

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					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5
	62	<i>Trifolium stellatum</i> L. var. <i>stellatum</i>		Widespread									x						x			
	63	<i>Trifolium campestre</i> Schreb.		Widespread									x						x			
	64	<i>Trifolium arvense</i> L. subsp. <i>arvense</i>		Widespread									x	x					x			
	65	<i>Lathyrus laxiflorus</i> (Desf.) O.Kuntze subsp. <i>laxiflorus</i>		Widespread									x	x	x				x			
	66	<i>Lathyrus aphaca</i> L. var. <i>biflorus</i> Post.		Widespread										x					x			
	67	<i>Medicago sativa</i> L.	Alfalfa	Widespread									x						x			
ROSACEAE	68	<i>Pyrus elaeagnifolia</i> Pallas subsp. <i>elaeagnifolia</i>		Widespread									x	x					x			
	69	<i>Prunus x domestica</i> L.	Plum	Culture											x				x		x	
	70	<i>Agrimonia eupatoria</i> L.	Liverwort	Widespread									x	x	x				x			
	71	<i>Crataegus pentagyna</i> Waldst	Small-flowered black hawthorn	Euro-Siberian									x						x			
	72	<i>Fragaria vesca</i> L.	Wild strawberry	Widespread									x						x			
	73	<i>Mespilus germanica</i> L.	Common medlar	Euro-Siberian									x						x			
	74	<i>Potentilla recta</i> L.	Sulphur cinquefoil	Widespread									x	x					x			
	75	<i>Potentilla reptans</i> L.	Creeping cinquefoil	Widespread														x	x			
	76	<i>Rubus hirtus</i> Waldst ex. Kit.		Euro-Siberian														x	x	x		
	77	<i>Rubus sanctus</i> Schreber		Widespread									x		x	x			x	x		
	78	<i>Geum urbanum</i> L.		Euro-Siberian									x		x	x			x	x		
	79	<i>Laurocerasus officinalis</i> Roemer		Widespread									x						x			
	80	<i>Pyracantha coccinea</i> Roemer	Scarlet firethorn	Widespread									x						x			
	81	<i>Sanguisorba minor</i> Scop. Subsp. <i>muricata</i> (Spach)Brig		Widespread									x	x	x				x			
	82	<i>Rosa canina</i> L.	Dogrose	Widespread									x						x			
MYRTACEAE	83	<i>Myrtus communis</i> L. subsp. <i>communis</i>	Common myrtle	Widespread									x	x					x			
ONAGRACEAE	84	<i>Epilobium parviflorum</i> Schreber	Hoary willow herb	Widespread														x				
UMBELLIFERAE	85	<i>Torilis leptophylla</i> (L.) Reichb.		Widespread									x					x			x	
	86	<i>Eryngium campestre</i> L. var. <i>campestre</i>	Field eryngo	Widespread									x					x		x		
	87	<i>Oenanthe pimpinelloides</i> L.	Water dropwort	Widespread									x					x		x		
	88	<i>Crithmum maritimum</i> L.	Samphire	Widespread										x		x	x		x	x		
	89	<i>Seseli resinosum</i> Freyn. & Sint.		Euro-Siberian	x		VU							x		x	x		x	x		
	90	<i>Pastinaca sativa</i> L. Subsp. <i>urens</i> (Req. Ex Godron) Celak		Widespread											x		x		x		x	
	91	<i>Daucus carota</i> L.	Wild carrot	Widespread									x		x	x	x	x	x	x		
ARALIACEAE	92	<i>Hedera helix</i> L.	Common ivy	Widespread									x	x	x	x	x	x	x	x		
CORNACEAE	93	<i>Cornus sanguinea</i> L. Subsp. <i>australis</i> (C.A.Meyer)		Euro-Siberian									x	x	x	x	x	x	x	x		

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					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5	
		Jav.																					
	94	<i>Cornus mas</i> L.	European cornel	Euro-Siberian									x			x	x						
CARIFOLIACEAE	95	<i>Sambucus ebulus</i> L.	Danewort	Euro-Siberian									x			x	x						
	96	<i>Lonicera etrusca</i> Santi.	Etruscan honeysuckle	Widespread									x					x					
	97	<i>Viburnum lanata</i> L.		Euro-Siberian									x	x					x				
CRASSULACEAE	98	<i>Sedum album</i> L	White stonecrop	Widespread									x					x			x		
	99	<i>Sedum pallidum</i> Bieb. Var. <i>pallidum</i>		Geniş yayılışı									x					x			x		
DIPSACACEAE	100	<i>Scabiosa columbaria</i> L. Subsp. <i>columbaria</i> var. <i>columbaria</i>		Widespread									x					x					
COMPOSITAE	101	<i>Senecio vernalis</i> Waldst. et Kit		Widespread									x					x			x		
	102	<i>Doronicum orientale</i> Hoffm.	Leopard's bane	Widespread										x					x			x	
	103	<i>Inula ensifolia</i> L.		Euro-Siberian									x					x			x		
	104	<i>Inula viscosa</i> (L.) Aiton		Mediterranean									x					x			x		
	105	<i>Bellis sylvestris</i> Cyr..		Mediterranean									x					x			x		
	106	<i>Carlina intermedia</i> Schur.		Widespread									x					x			x		
	107	<i>Centaureaiberica</i> Trev. Ex Sprengel		Widespread									x					x			x		
	108	<i>Anthemis cretica</i> L. Subsp. <i>pontica</i> (Wild.) Grierson		Widespread									x					x			x		
	109	<i>Anthemis tinctoria</i> L		Geniş yayılışı									x	x				x			x		
	110	<i>Eupatorium cannabinum</i> L.		Euro-Siberian									x	x	x	x	x	x			x		
	111	<i>Pallenis spinosa</i> (L.) Cass	Pallenis	Mediterranean									x					x			x		
	112	<i>Carduus nutans</i> L. sensu lato		Widespread									x					x			x		
	113	<i>Cirsium hypoleucum</i> DC.		Euro-Siberian									x					x			x		
	114	<i>Inula vulgaris</i> (Lam).Trevisan		Euro-Siberian									x	x				x			x		
	115	<i>Pulicaria dysenterica</i> (L.) Bernh.		Widespread									x		x	x	x	x			x		
	116	<i>Senecio vulgaris</i> L.	Common groundsel	Widespread										x				x			x		
	117	<i>Tanacetum parthenium</i> (L) Schultz.	Feverfew	Widespread									x					x			x		
	118	<i>Tussilago farfara</i> L.		Euro-Siberian									x		x	x	x	x			x		
	119	<i>Hieracium vagum</i> Jordan.		Euro-Siberian									x					x			x		
	120	<i>Lapsana communis</i> L.	Nipplewort	Widespread									x	x				x			x		
	121	<i>Chondrilla juncea</i> L. var. <i>juncea</i>	Rush skeletonwood	Widespread									x					x			x		
	122	<i>Aster subulatus</i> (Michx.) Hort.eEx Michx.		Widespread									x					x			x		
	123	<i>Sonchus asper</i> (L.) Hill subsp. <i>glaucescens</i> (Jordon) Ball		Widespread										x				x			x		
	124	<i>Crepis sancta</i> (L.) Babcock		Widespread										x				x			x		
CAMPANULACEAE	125	<i>Campanula lyrata</i> Lam. Subsp. <i>lyrata</i>	-	Mediterranean	x	LC							x	x		x	x	x		x	x		
ERICACEAE	126	<i>Arbutus unedo</i> L.	Strawberry tree	Widespread									x	x				x			x		

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					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5
	127	<i>Arbutus andrachne</i> L.	Greek strawberry tree	Widespread									x	x				x				
	128	<i>Erica arborea</i> L.	Tree heath	Widespread									x	x	x					x		
	129	<i>Rhododendron ponticum</i> L.		Euro-Siberian									x							x		
PRIMULACEAE	130	<i>Androsace maxima</i> L.		Widespread									x	x						x		
	131	<i>Cyclamen coum</i> Miller var. <i>coum</i>		Widespread									x	x						x		
	132	<i>Primula vulgaris</i> Huds. subsp. <i>vulgaris</i>		Euro-Siberian									x	x						x		
OLEACEAE	133	<i>Jasminum fruticans</i> L.		Euro-Siberian									x	x	x					x		
	134	<i>Phillyrea latifolia</i> L.	Green olive tree	Mediterranean									x	x						x		
	135	<i>Ligustrum vulgare</i> L.	Wild privet	Euro-Siberian									x	x	x					x		
	136	<i>Fraxinus angustifolia</i> Vahl. subsp. <i>angustifolia</i>	Desert ash	Widespread									x							x		
ASCLEPIADACEAE	137	<i>Periploca graeca</i> L. var. <i>graeca</i>		Mediterranean									x		x	x				x	x	
CONVULVACEAE	138	<i>Ipomea purpurea</i> (L.) Roth		Widespread											x			x		x	x	
BORAGINACEAE	139	<i>Echium italicum</i> L.		Mediterranean									x	x					x		x	
	140	<i>Buglossoides arvensis</i> (L.) Johnston	Corn gromwell	Mediterranean									x	x					x		x	
	141	<i>Trachystemon orientalis</i> (L.) G. Don		Euro-Siberian									x							x		
	142	<i>Lithospermum officinale</i> L.		Euro-Siberian										x			x		x		x	
SCROPHULARIACEAE	143	<i>Verbascum blattaria</i> L.		Widespread									x	x					x		x	
	144	<i>Parenthecia latifolia</i> (L.) Caruel subsp. <i>latifolia</i>		Mediterranean									x	x					x		x	
CONVOLVULACEAE	145	<i>Convolvulus arvensis</i> L.		Widespread									x	x					x		x	
LABIATAE	146	<i>Lamium amplexicaule</i> L.	Henbit deadnettle	Widespread									x	x					x		x	
	147	<i>Lamium purpureum</i> L. var. <i>purpureum</i>		Widespread									x	x					x		x	
	148	<i>Calamintha nepeta</i> (L.) Savi subsp. <i>glandulosa</i> (Req.) P.W. Ball		Widespread									x	x						x		
	149	<i>Calamintha sylvatica</i> Bromf. Subsp. <i>sylvatica</i>		Euro-Siberian									x	x					x		x	
	150	<i>Origanum vulgare</i> L. Subsp. <i>viride</i> (Boiss.) Hayek		Widespread									x						x		x	
	151	<i>Prunella vulgaris</i> L.		Euro-Siberian									x	x					x		x	
	152	<i>Melissa officinalis</i> L. Subsp. <i>altissima</i> (Sm.) Arcangeli		Mediterranean									x			x			x		x	
	153	<i>Teucrium chamaedrys</i> L. subsp. <i>chamaedrys</i>		Euro-Siberian									x	x	x				x		x	
	154	<i>Teucrium polium</i> L.		Widespread									x	x				x		x	x	
	155	<i>Salvia forskahlei</i> L.		Euro-Siberian									x	x	x					x		
SANTALACEAE	156	<i>Osyris alba</i> L.		Mediterranean									x							x		
THYMELAEACEAE	157	<i>Daphne pontica</i> L.		Euro-Siberian									x							x		
LAURACEAE	158	<i>Laurus nobilis</i> L.		Mediterranean									x	x	x					x		
PLANTAGINACEAE	159	<i>Plantago major</i> L. Subsp. <i>major</i>		Widespread										x	x		x		x	x	x	
	160	<i>Plantago lanceolata</i> L.		Widespread										x		x		x		x	x	

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					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5
URTICACEAE	161	<i>Urtica dioica</i> L.		Euro-Siberian									x	x				x				
MORACEAE	162	<i>Morus alba</i> L.		Culture											x		x					
	163	<i>Ficus carica</i> L. subsp. <i>carica</i>		Widespread										x		x			x			
ULMACEAE	164	<i>Ulmus minor</i> Miller subsp. <i>minor</i>		Widespread											x		x		x	x		
FAGACEAE	165	<i>Fagus orientalis</i> Lipsky		Euro-Siberian									x	x					x			
	166	<i>Castanea sativa</i> Miller		Euro-Siberian									x					x			x	
	167	<i>Quercus infectoria</i> Olivier subsp. <i>boissieri</i> (Reuter) O. Schwarz	Gall oak	Widespread									x	x				x				
	168	<i>Quercus petraea</i> (Mattuschka) Liebl. Subsp. <i>iberica</i> (Steven ex Bieb.) Krassiln.	Sessile oak	Widespread									x	x	x			x				
	169	<i>Quercus cerris</i> L. var. <i>cerris</i>	Turkey oak	Widespread									x	x				x			x	
CORYLLACEAE	170	<i>Carpinus betulus</i> L.	American hornbeam	Euro-Siberian									x	x				x			x	
	171	<i>Corylus avellana</i> L. Var. <i>avellana</i>	Common hazel	Euro-Siberian									x	x				x			x	
BETULACEAE	172	<i>Alnus glutinosa</i> (L.) Gaertner subsp. <i>glutinosa</i>		Euro-Siberian											x			x		x		
SALICACEAE	173	<i>Populus tremula</i> L.	European aspen	Euro-Siberian									x					x			x	
	174	<i>Salix caprea</i> L.	Goat willow	Euro-Siberian											x		x		x	x		
	175	<i>Salix cinerea</i> L.	Grey willow	Euro-Siberian											x		x		x	x		
LORANTHACEAE	176	<i>Viscum album</i> L. subsp. <i>album</i>		Widespread									x	x				x			x	
EUPHORBIACEAE	177	<i>Euphorbia rigida</i> Bieb.	Gopher spurge	Mediterranean									x					x			x	
	178	<i>Euphorbia amygdaloides</i> L. var. <i>amygdaloides</i>		Euro-Siberian									x					x			x	
	179	<i>Mercurialis annua</i> L.		Widespread											x		x		x	x		
RUBIACEAE	180	<i>Rubia peregrina</i> L.	Wild madder	Iran-Turan									x					x			x	
	181	<i>Galium fissurens</i> Ehrend. & Schönb. -Tem.		Mediterranean									x					x			x	
MONOCOTYLEDONES																						
LILIACEAE	182	<i>Allium scorodoprasum</i> L. subsp. <i>rotundum</i> (L.) Stearn		Mediterranean									x		x			x			x	
	183	<i>Ruscus aculeatus</i> L. Var. <i>aculeatus</i>		Widespread									x	x	x			x			x	
	184	<i>Asparagus aphyllus</i> L. Subsp. <i>orientalis</i> (Baker) P.H. Davis		Mediterranean									x	x	x			x			x	
	185	<i>Smilax excelsa</i> L.		Euro-Siberian									x	x				x			x	
	186	<i>Scilla bifolia</i> L.		Mediterranean									x	x				x			x	
IRIDACEAE	187	<i>Iris sintenisii</i> Janka		Euro-Siberian										x		x		x			x	
ORCHIDACEAE	188	<i>Spiranthes spiralis</i> (L.) Chevall		Mediterranean										x		x		x			x	
DIOSCOREACEAE	189	<i>Tamus communis</i> L. Subsp. <i>communis</i>		Widespread									x					x		x	x	
TYPHACEAE	190	<i>Typha domingensis</i> Pers.		Widespread												x		x	x	x		
CYPERACEAE	191	<i>Carex distachya</i> Desf. Var. <i>distachya</i>		Mediterranean									x					x		x	x	

FAMILY	NO	SPECIES	ENGLISH NAME	PHYTOGEOGRAPHIC REGION	ENDEMIZM		T.S.	BERN	CITES				HABITAT					ABUNDANCE				
					R	W			App1	App1	App2	App3	1	2	3	4	5	1	2	3	4	5
	192	<i>Carex distans</i> L.		Euro-Siberian													x	x				
GRAMINEAE	193	<i>Poa bulbosa</i> L.	Bulboas bluegrass	Widespread									x					x		x	x	
	194	<i>Lolium perenne</i> L.		Widespread									x					x		x	x	
	195	<i>Brachypodium sylvaticum</i> (Hudson) P. Beauv.	False brome	Euro-Siberian									x	x			x			x	x	
	196	<i>Bromus japonicus</i> Thunb. subsp. <i>japonicus</i>		Widespread									x					x		x	x	
	197	<i>Cynodon dactylon</i> (L.) Pers. var. <i>dactylon</i>		Widespread												x	x		x	x		
	198	<i>Dactylis glomerata</i> L. subsp. <i>hispanica</i> (Roth) Nyman		Mediterranean									x	x			x		x	x	x	
	199	<i>Briza media</i> L.	Perennial quaking grass	Widespread									x	x			x		x	x	x	
	200	<i>Phleum phleoides</i> (L.) Karsten		Euro-Siberian									x	x			x		x	x	x	
	201	<i>Hordeum murinum</i> L.		Widespread									x	x			x		x	x	x	
	202	<i>Piptatherum coerulescens</i> (Desf.) P. Beauv.		Widespread									x	x			x		x	x	x	
	203	<i>Bothriochloa ischaemum</i> (L.) Keng		Widespread									x	x			x		x	x	x	

LEGEND FOR THE FLORA TABLE

ENDEMIZM:

R: Regional endemic

W: Widespread Endemic

BERN (BERN Convention):

App1: Strictly protected flora species

CITES:

App1: Species threatened with extinction. Trade in specimens of these species is permitted only in exceptional circumstances.

App2: Species not necessarily threatened with extinction, but their trade must be controlled to avoid utilization incompatible with their survival.

App3: Species protected in at least one country, and their trading is under control by CITES.

T.S. THREAT CATEGORIES:

BASED ON IUCN CATEGORIES (Ekim et al., 2000)

EX : Extinct

EW : Extinct in nature

CR : Critically endangered

EN : Endangered

VU : Vulnerable

LR : Lower risk

NT : Near threatened

LC : Least concern

DD : Data deficient

HABITAT CLASSES:

1. Deciduous forest

2. Maquis

3. *Pinus nigra* plantation site

4. Agricultural land and road side

5. Riparian

RELATIVE ABUNDANCE:

1: Very rare

2: Rare

3: Medium

4: Abundant

5: Very abundant

ANNEX L-2

List of Fauna Species Inside and Surrounding of The Project Areas

Table L-2.1. List of butterfly species detected inside Project Areas and surroundings

FAMILY - Species (Latin)	Species (Turkish)	Species (English)	IUCN International List	IUCN National List	Endemism
PAPILIONIDAE					
1. <i>Iphiclus podalirius</i>	Erik kırlangıçkuyruğu	Scarce Swallowtail	-	LC	-
2. <i>Papilio machaon</i>	Kırlangıçkuyruk	Swallowtail	-	LC	-
PIERIDAE					
3. <i>Anthocharis cardamines</i>	Turuncusüslü	Orange Tip	-	LC	-
4. <i>Colias crocea*</i>	Sarıazmet	Dark Clouded Yellow	-	LC	-
5. <i>Gonepteryx rhamni</i>	Orakkanat	Brimstone	-	LC	-
6. <i>Leptidea sinapis</i>	Narinormanbeyazı	Wood White	-	LC	-
7. <i>Pieris rapae*</i>	Küçük beyazmelek	Small White	-	-	-
8. <i>Pieris brassicae*</i>	Büyük beyazmelek	Large White	-	LC	-
9. <i>Pontia edusa</i>	Yeni beneklimelek	New Bath White	-	LC	-
ARGYNNIDAE					
10. <i>Aglais urticae</i>	Aglais	Small Tortoiseshell	-	LC	-
11. <i>Argynnis adippe</i>	Büyükinci	High Brown Fritillary	-	LC	-
12. <i>Argynnis pandora</i>	Bahadır	Cardinal	-	LC	-
13. <i>Argynnis aglaja</i>	Güzelinci	Dark Green Fritillary	-	LC	-
14. <i>Argynnis paphia</i>	Cengaver	Silver-washed Fritillary	-	LC	-
15. <i>Boloria euphrosyne</i>	Beyazinci	Pearl-bordered Fritillary	-	LC	-
16. <i>Vanessa cardui</i>	Dikenkelebeği	Painted Lady	-	LC	-
17. <i>Issoria lathonia</i>	İspanyol kraliçesi	Queen of Spain Fritillary	-	LC	-
18. <i>Limenitis reducta</i>	Akdeniz hanımelikelebeği	Southern White Admiral	-	LC	-
19. <i>Melitaea athalia</i>	Amannissa	Heath Fritillary	-	LC	-
20. <i>Melitaea didyma</i>	Benekli iparhan	Spotted Fritillary	-	LC	-
21. <i>Melitaea cinxia</i>	İparhan	Glanville Fritillary	-	LC	-
22. <i>Nymphalis polychloros</i>	Karaağacı nimfalisi	Large Tortoiseshell	-	LC	-
23. <i>Polygonia c-album</i>	Yırtık pırtık	Comma Butterfly	-	LC	-
24. <i>Vanessa atalanta*</i>	Atalanta	Red Admiral	-	LC	-
SATYRIDAE					
25. <i>Coenonympha arcania</i>	Funda zıpçıp perisi	Pearly Heath	-	LC	-
26. <i>Coenonympha pamphilus</i>	Küçük zıpçıp perisi	Small Heath	-	LC	-
27. <i>Brintesia circe</i>	Karamurat	Great Banded Grayling	-	LC	-

FAMILY - Species (Latin)	Species (Turkish)	Species (English)	IUCN International List	IUCN National List	Endemism
28. <i>Hipparchia pellucida</i>	Anadolu kızılmeleği	Anatolian Grayling	-	LC	-
29. <i>Hipparchia syriaca</i>	Büyük karamelek	Syrian Rock Grayling	-	LC	-
30. <i>Lasiommata maera</i>	Esmerboncuk	Large Wall Brown	-	LC	-
31. <i>Lasiommata megera</i>	Küçük esmerboncuk	Wall Butterfly	-	LC	-
32. <i>Maniola jurtina</i>	Çayıresmeri	Meadow Brown	-	LC	-
33. <i>Melanargia galathea</i>	Orman melikesi	Marbled White	-	LC	-
34. <i>Minois dryas</i>	Karahayalet	Dryad	-	LC	-
35. <i>Pararge aegeria*</i>	Karanlık orman esmeri	Speckled Wood	-	LC	-
LYCAENIDAE					
36. <i>Callophrys rubi</i>	Zümrüt	Green Hairstreak	-	LC	-
37. <i>Celastrina argiolus</i>	Kutsalmavi	Holly Blue	-	LC	-
38. <i>Cupido alcetas</i>	Fransız everesi	Provencal Short-tailed Blue	-	LC	-
39. <i>Cupido argiades</i>	Everes	Short-tailed Blue	-	LC	-
40. <i>Lampides boeticus</i>	Lampides	Long-tailed Blue	-	LC	-
41. <i>Lycaena alciphron</i>	Büyük morbakırgüzüeli	Purple-shot Copper	-	LC	-
42. <i>Lycaena dispar</i>	Büyükbakır	Large Copper	LR/NT	NT	-
43. <i>Lycaena phlaeas</i>	Benekli bakır kelebeği	Small Copper	-	LC	-
44. <i>Lycaena thersamon</i>	Küçükateş	Lesser Fiery Copper	-	LC	-
45. <i>Lycaena tityrus</i>	İslibakır	Sooty Copper	-	LC	-
46. <i>Plebejus idas</i>	İdasmavisi	Idas Blue	-	LC	-
47. <i>Plebejus argus</i>	Gümüş lekeli esmergöz	Silver-studded Bl	-	LC	-
48. <i>Polyommatus anteros</i>	Çokgözlü balkan mavisi	Blue Argus	-	LC	-
49. <i>Polyommatus agestis</i>	Çokgözlü esmer	Brown Argus	-	LC	-
50. <i>Polyommatus bellis</i>	Çokgözlü güzelmavi	Beautiful Blue	-	-	-
51. <i>Polyommatus bellargus</i>	Çokgözlü gökmavisi	Adonis Blue	-	LC	-
52. <i>Polyommatus daphnis</i>	Çokgözlü dafnis	Meleager's Blue	-	-	-
53. <i>Polyommatus icarus</i>	Çokgözlü mavi	Common Blue	-	LC	-
54. <i>Satyrium acaciae</i>	Minik sevbeni	Sloe Hairstreak	-	LC	-
55. <i>Satyrium ilicis</i>	Büyük sevbeni	Ilex Hairstreak	-	LC	-
56. <i>Satyrium spini</i>	Güzel sevbeni	Blue-spot Hairstreak	-	LC	-
57. <i>Satyrium w-album</i>	Karaağac sevbenisi	White-letter Hairstreak	-	LC	-
HESPERIIDAE					
58. <i>Erynnis tages</i>	Paslı zipzip	Dingy Skipper	-	LC	-

FAMILY - Species (Latin)	Species (Turkish)	Species (English)	IUCN International List	IUCN National List	Endemism
59. <i>Ochlodes venatus</i>	Orman zipzıpı	Large Skipper	-	LC	-
60. <i>Pyrgus armoricanus</i>	İspanyol zipzıpı	Oberthur's Grizzled Skipper	-	LC	-
61. <i>Pyrgus malvae</i>	Ebegümeci zipzıpı	Grizzled Skipper	-	LC	-
62. <i>Spatialia orbifer</i>	Kızıl zipzıpı	Red Underwing Skipper	-	LC	-
63. <i>Thymelicus sylvestris</i>	Sarı antenli zipzıpı	Small Skipper	-	LC	-

* Species which are directly observed during field study. Other species come from literature data and/or expert judgement

Table L-2.2. Amphibian species detected inside Project Areas and surroundings

FAMILY – Species (Latin)	Species (Turkish)	Species (English)	IUCN	BERN	CITES	Habitat Directive
ANURA	Kuyruksuz Kurbağalar	Frogs and Toads				
Bufonidae	Kara Kurbağaları	Toads				
1. <i>Pseudepidalea variabilis</i>	Değişken Gece Kurbağı	Variable Toad	LC	App-III	-	Ann-IV
2. <i>Bufo bufo</i>	Sığılılı Kurbağa	Common Toad	LC	App-III	-	-
Hylidae	Ağaç Kurbağaları	Tree frogs				
3. <i>Hyla orientalis</i>	Ağaç Kurbağı	Oriental Tree Frog	LC	App-II	-	-
Ranidae	Su Kurbağaları	Frogs				
4. <i>Pelophylax ridibundus*</i>	Ova Kurbağı	Euroasian Marsh Frog	LC	App-III	-	Ann-V
5. <i>Rana dalmatina</i>	Çevik kurbağa	Agile Frog	LC	App-II	-	Ann-IV
CAUDATA	Kuyruklu amfibiler	Salamanders and Newts				
Salamandridae	Semendergiller					
6. <i>Ommatotriton ophryticus</i>	Şeritli Karadeniz semenderi	Northern Banded Newt	NT	App-III	-	-
7. <i>Triturus karelinii</i>	Pürtülü semender	Southern Crested Newt	LC	App-II	-	Ann-IV
8. <i>Lissotriton vulgaris</i>	Küçük semender	Smooth Newt	LC	App-III	-	-

* Species which are directly observed during field study. Other species come from literature data and/or expert judgement

Table L-2.3. Reptile species detected inside Project Areas and surroundings

FAMILY – Species (Latin)	Species (Turkish)	Species (English)	IUCN	BERN	MAK	CITES	Habitat Directive
TESTUDINES	Kaplumbağalar						
Testudinidae	Tosbağagiller						
1. <i>Testudo graeca*</i>	Tosbağa	Mediterranean Spur-thighed Tortoise	VU	App-II	App-I	App-II	Ann-II, IV
SQUAMATA	Pullu sürüngenler						
Anguidae							
2. <i>Anguis fragilis</i>	Yılanımsı Kertenkele		LC	App-III	App-I	-	-
3. <i>Pseudopus apodus</i>	Oluklu Kertenkele	European Glass Lizard	NE	App-II	App-I	-	Ann-IV
Scincidae							
4. <i>Ablepharus kitaibeilii</i>	İnce Kertenkele	European Copper Skink	LC	App-II	App-I	-	Ann-IV
Lacertidae							
5. <i>Darevskia rudis</i>	Trabzon Kertenkelesi	Spiny-Tailed Lizard	LC	App-III	App-I	-	-
6. <i>Ophisops elegans</i>	Tarla Kertenkelesi	Snake-eyed Lizard	NE	App-II	App-I	-	-
7. <i>Lacerta trilineata</i>	İri Yeşil Kertenkele	Balkan Green Lizard	LC	App-II	App-I	-	Ann-IV
8. <i>Lacerta viridis*</i>	Yeşil Kertenkele	European Green Lizard	LC	App-II	App-I	-	Ann-IV
9. <i>Podarcis muralis</i>	Duvar Kertenkelesi	Common Wall Lizard	LC	App-II	App-I	-	Ann-IV
Colubridae							
10. <i>Dolichophis caspius</i>	Hazer Yılanı	Caspian whipsnake	NE	App-II	App-I	-	Ann-IV
11. <i>Coronella austriaca</i>	Avusturya Yılanı	Smooth snake	NE	App-II	App-I	-	Ann-IV
12. <i>Eirenis modestus</i>	Uysal Yılan	Ring-headed Dwarf Snake	LC	App-III	App-I	-	Ann-IV
13. <i>Zamenis longissimus</i>	Eskülap Yılanı	Aesculapian Snake	LC	App-II	App-I	-	Ann-IV
14. <i>Platyceps najadum</i>	İnce Yılan	Dahl's Whip Snake	LC	App-II	App-I	-	Ann-IV
15. <i>Natrix natrix</i>	Yarı Sucul Yılan	Grass Snake	LC	App-III	App-I	-	-

* Species which are directly observed during field study. Other species come from literature data and/or expert judgement.

Table L-2.4. Bird species detected within the Project Areas and surroundings

FAMILY – Species (Latin)	Species (Turkish)	Species (English)	IUCN	BERN	MAK	CITES	EU Bird Directive	Migratory
GAVIIFORMES	DALGIÇLAR							
Podicipedidae	Dalgıçgiller							
1. <i>Gavia arctica</i>	Karagerdanlı dalgıç		LC	App-II	App-II	-	Ann-I	+
PODICIPEDIFORMES	LOPLU DALGIÇLAR							
Podicipedidae	Loplu Dalgıçgiller							
2. <i>Podiceps cristatus</i>	Bahri	Great crested grebe	LC	App-III	App-I	-	-	+
3. <i>Podiceps nigricollis</i>	Kara Boyunlu Batağan	Black-necked grebe	LC	App-II	App-I	-	-	+
4. <i>Podiceps grisegena</i>	Kızıl Boyunlu Batağan		LC	App-II	App-I	-	-	+
5. <i>Tachybaptus ruficollis</i>	Küçük Batağan	Little Grebe	LC	App-II	App-I	-	-	-
Procellariidae	Yelkovangiller							
6. <i>Puffinus yelkouan</i>	Yelkovan		NT	App-II	App-I	-	Ann-I	-
PELECANIFORMES	KÜREK AYAKLILAR							
Phalacrocoracidae	Karabatakçılar							
7. <i>Phalacrocorax carbo</i> *	Karabatak	Great cormorant	LC	App-III	App-II	-	-	-
8. <i>Phalacrocorax aristotelis</i> *	Tepeli Karabatak	European shag	LC	App-II	App-I	-	Ann-I	-
CICONIIFORMES	LEYLEKSİLER							
Ardeidae	Balıkçilar							
9. <i>Ixobrychus minutus</i>	Küçük Balaban	Little bittern	LC	App-II	App-I	-	Ann-I	+
10. <i>Nycticorax nycticorax</i>	Gece Balıkçılı	Black-crowned night-heron	LC	App-II	App-I	-	Ann-I	+
11. <i>Ardeola ralloides</i>	Alaca Balıkçıl	Squacco heron	LC	App-II	App-I	-	Ann-I	+
12. <i>Egretta garzetta</i>	Küçük Akbalıkçıl	Little egret	LC	App-II	App-I	-	Ann-I	+
13. <i>Ardea alba</i>	Büyük Akbalıkçıl	Great White Egret	LC	App-II	App-I	-	Ann-I	+
14. <i>Ardea cinerea</i> *	Gri Balıkçıl	Grey heron	LC	App-III	App-II	-	-	+
15. <i>Ardea purpurea</i>	Erguvani Balıkçıl	Purple heron	LC	App-II	App-I	-	Ann-I	+
Ciconiidae	Leylekler							
16. <i>Ciconia nigra</i>	Karaleylek	Black stork	LC	App-II	App-I	App-II	Ann-I	+
17. <i>Ciconia ciconia</i>	Akleylek	White stork	LC	App-II	App-I	-	Ann-I	+
Threskiornithidae	Kelaynakçılar							
18. <i>Plegadis falcinellus</i>	Çeltikçi	Glossy ibis	LC	App-II	App-I	-	Ann-I	+
ANSERIFORMES	KAZ VE ÖRDEKLER							
Anatidae	Ördekçiler							
19. <i>Cygnus olor</i>	Kuğu	Mute swan	LC	App-III	App-I	-	Ann-II.B	+
20. <i>Cygnus cygnus</i>	Ötücü kuğu	Whooper swan	LC	App-II	App-I	-	Ann-I	+
21. <i>Anas crecca</i>	Çamurcun	Common teal	LC	App-III	App-III	-	Ann-II.A, III.A	+
22. <i>Anas platyrhynchos</i>	Yeşilbaş Ördek	Mallard	LC	App-III	App-III	-	Ann-II.A, III.B	+

23.	<i>Anas querquedula</i>	Çırıkçın	Garganey	LC	App-III	App-III	-	Ann-II.A	+
24.	<i>Aythya fuligula</i>	Tepeli Patka	Tufted duck	LC	App-III	App-III	-	Ann-II.A, III.B	+
25.	<i>Aythya ferina</i>	Elmabaş Patka	Common pochard	LC	App-III	App-III	-	Ann-II.A, III.B	+
26.	<i>Bucephala clangula</i>	Altıngöz	Goldeneye	LC	App-III	App-II	-	Ann-II.B	+
27.	<i>Mergus serrator</i>	Tarakdiş	Red-breasted merganser	LC	App-III	App-II	-	Ann-II.B	+
ACCIPITRIFORMES		YIRTICI KUŞLAR							
Accipitridae		Atmacagiller							
28.	<i>Pernis apivorus</i>	Arı Şahini	European honey-buzzard	LC	App-II	App-I	-	Ann-I	+
29.	<i>Milvus migrans</i>	Kara Çaylak	Black kite	LC	App-II	App-I	-	Ann-I	+
30.	<i>Circaetus gallicus</i>	Yılan Kartalı	Short-toed snake-eagle	LC	App-II	App-I	-	Ann-I	+
31.	<i>Circus aeruginosus</i>	Saz Delicesi	Western marsh-harrier	LC	App-II	App-I	-	Ann-I	+
32.	<i>Circus cyaneus</i>	Gökçe Delice	Nothern harrie	LC	App-II	App-I	-	Ann-I	+
33.	<i>Accipiter nisus</i>	Atmaca	Eurasian sparrowhawk	LC	App-II	App-I	-	Ann-I	+
34.	<i>Buteo rufinus</i>	Kızıl Şahin	Long-legged buzzard	LC	App-II	App-I	-	Ann-I	-
35.	<i>Buteo buteo*</i>	Şahin	Common buzzard	LC	App-II	App-I	-	-	-
36.	<i>Aquila pomarina</i>	Küçük Orman Kartalı	Lesser spotted eagle	LC	App-II	App-I	-	Ann-I	+
37.	<i>Hieraetus pennatus</i>	Küçük Kartal	Booted Eagle	LC	App-II	App-I	-	Ann-I	+
FALCONIFORMES		GÜNDÜZ YIRTICILARI							
Falconidae		Doğangiller							
38.	<i>Falco tinnunculus</i>	Kerkenez	Common kestrel	LC	App-II	App-I	App-II	-	-
39.	<i>Falco naumanni</i>	Küçük Kerkenez	Lesser kestrel	LC	App-II	App-I	App-II	Ann-I	+
40.	<i>Falco vespertinus</i>	Ala Doğan	Red-footed falcon	NT	App-II	App-I	App-II	Ann-I	+
41.	<i>Falco columbarius</i>	Boz doğan	Merlin	LC	App-II	App-I	App-II	Ann-I	+
42.	<i>Falco subbuteo</i>	Delice Doğan	Eurasian hobby	LC	App-II	App-I	App-II	-	+
43.	<i>Falco peregrinus</i>	Gökdoğan	Peregrine falcon	LC	App-II	App-I	App-I	Ann-I	-
GALLIFORMES		TAVUKLAR							
Phasianidae		Keklik ve Sülünler							
44.	<i>Alectoris chukar</i>	Kınalı Keklik	Chukar	LC	App-III	App-III	-	Ann-II.B	-
45.	<i>Coturnix coturnix</i>	Bildircin	Common quai	LC	App-III	App-III	-	-	+
GRUIFORMES									
Rallidae		Yelveziller							
46.	<i>Rallus aquaticus</i>	Suklavuzu	Water rail	LC	App-III	App-II	-	Ann-II.B	+
47.	<i>Fulica atra</i>	Sakarmeke	Common coot	LC	App-III	App-III	-	Ann-II.A, III.B	+
CHARADRIIFORMES		YAĞMURKUŞLARI							
Recurvirostridae		Avozetkuşugiller							
48.	<i>Himantopus himantopus</i>	Uzunbacak	Black-winged stilt	LC	App-II	App-I	-	Ann-I	+
49.	<i>Recurvirostra avocetta</i>	Kılıçgaga	Pied avocet	LC	App-II	App-I	-	Ann-I	+
Burhinidae		Kocagözler							
50.	<i>Burhinus oedicnemus</i>	Kocagöz	Stone curlew	LC	App-II	App-I	-	Ann-I	+

Charadriidae	Yağmurkuşugiller							
51. <i>Charadrius dubius</i>	Küçük halkalı cılıbit	Little ringed plover	LC	App-II	App-I	-	-	+
52. <i>Charadrius hiaticula</i>	Halkalı cılıbit	Common ringed plover	LC	App-II	App-I	-	-	+
53. <i>Charadrius alexandrinus</i>	Akça cılıbit	Kentish plover	LC	App-II	App-I	-	Ann-I	+
54. <i>Pluvialis apricaria</i>	Altın yağmircun	Eurasian golden plover	LC	App-III	App-II	-	Ann-I, III.B	+
55. <i>Pluvialis squatarola</i>	Gümüş yağmircun	Grey plover	LC	App-III	App-II	-	-	+
Scolopacidae	Çullukgiller							
56. <i>Arenaria interpres</i>	Taşçeviren	Ruddy turnstone	LC	App-II	App-I	-	-	+
57. <i>Calidris alba</i>	Ak kumkuşu	Sanderling	LC	App-II	App-I	-	-	+
58. <i>Calidris minuta</i>	Küçük Kumkuşu	Little Stint	LC	App-II	App-I	-	-	+
59. <i>Calidris ferruginea</i>	Kızıl Kumkuşu	Curlew sandpiper	LC	App-II	App-I	-	-	+
60. <i>Calidris alpina</i>	Kara Karınılı Kumkuşu	Dunlin	LC	App-II	App-I	-	Ann-I	+
61. <i>Philomachus pugnax</i>	Döğüşken Kuş	Ruff	LC	App-III	App-II	-	Ann-I	+
62. <i>Gallinago gallinago</i>	Su Çulluğu	Common snipe	LC	App-III	App-III	-	Ann-II.A, III.B	+
63. <i>Tringa erythropus</i>	Kara Kızılbacak	Spotted redshank	LC	App-III	App-II	-	-	+
64. <i>Tringa totanus</i>	Kızılbacak	Common redshank	LC	App-III	App-II	-	-	+
65. <i>Tringa nebularia</i>	Yeşilbacak	Common greenshank	LC	App-III	App-II	-	-	+
66. <i>Tringa stagnatilis</i>	Bataklık Dündükünü	Marsh sandpiper	LC	App-II	App-I	-	-	+
67. <i>Tringa glareola</i>	Orman Dündükünü	Wood sandpiper	LC	App-II	App-I	-	Ann-I	+
68. <i>Tringa ochropus</i>	Yeşil Dündükün	Green sandpiper	LC	App-II	App-I	-	-	+
69. <i>Actitis hypoleucos</i>	Dere Dündükünü	Common sandpiper	LC	App-II	App-I	-	-	+
Stercorariidae	Korsanmartıgiller							
70. <i>Stercorarius parasiticus</i>	Korsanmartı	Parasitic jaeger	LC	App-III	App-II	-	-	+
71. <i>Stercorarius pomarinus</i>	Kütükuyruklu korsanmartı	Pomarine jaeger	LC	App-III	App-II	-	-	+
Laridae	MARTILAR							
72. <i>Larus melanocephalus</i>	Akdeniz Martısı	Mediterranean gull	LC	App-II	App-I	-	Ann-I	+
73. <i>Larus minutus</i>	Küçük Martı	Little gull	LC	App-II	App-I	-	Ann-I	+
74. <i>Larus ridibundus*</i>	Karabaş Martı	Lack-headed gull	LC	App-III	App-II	-	-	-
75. <i>Larus michaellis*</i>	Gümüş Martı	Yellow-legged gull	LC	App-III	App-II	-	-	-
76. <i>Larus canus</i>	Küçük Gümüş Martı	Common Gull	LC	App-III	App-II	-	-	+
77. <i>Larus fuscus</i>	Karasırtılı Martı	Lesser Black-Backed Gull	LC	-	App-II	-	-	+
78. <i>Larus cachinnans</i>	Hazar Martısı	Caspian Gull	LC	App-III	App-II	-	-	+
79. <i>Sterna sandvicensis</i>	Kara gagalı sumru	Sandwich tern	LC	App-II	App-I	-	Ann-I	+
80. <i>Sterna hirundo</i>	Sumru	Common tern	LC	App-II	App-I	-	Ann-I	+
81. <i>Sterna albifrons</i>	Küçük sumru	Little tern	LC	App-II	App-I	-	Ann-I	+
82. <i>Chlidonias hybridus</i>	Büyıklı sumru	Whiskered Tern	LC	App-II	App-I	-	Ann-I	+
83. <i>Chlidonias niger</i>	Kara sumru	Black tern	LC	App-II	App-I	-	Ann-I	+
84. <i>Chlidonias leucopterus</i>	Akkanatlı sumru	White-winged black tern	LC	App-II	App-I	-	-	+
COLUMBIFORMES		GÜVERCİNLER						

Columbidae	Güvercingiller							
85. <i>Columba livia*</i>	Kaya Güvercini	Rock pigeon	LC	App-III	App-III	-	Ann-II.A	-
86. <i>Columba palumbus</i>	Tahtalı Güvercin	Woodpigeon	LC	App-III	App-III	-	Ann-II.A	+
87. <i>Streptopelia decaocto*</i>	Kumru	Collared dove	LC	App-III	App-II	-	Ann-II.B	-
88. <i>Streptopelia turtur</i>	Üveyik	Turtle dove	LC	App-III	App-III	-	Ann-II.B	+
CUCULIFORMES	GUGUKKUŞUĞİLLER							
Cuculidae	Gugukkuşları							
89. <i>Clamator glandarius</i>	Tepeli Gugukkuşu	Great spotted cuckoo	LC	App-II	App-I	-	-	+
90. <i>Cuculus canorus</i>	Gugukkuşu	Cuckoo	LC	App-III	App-I	-	-	+
STRIGIFORMES	GECE YIRTICILARI							
Tytonidae	Peçelibaykuşlar							
91. <i>Tyto alba</i>	Peçeli Baykuş	Barn owl	LC	App-II	App-I	App-II	-	-
Strigidae	Baykuşlar							
92. <i>Athene noctua</i>	Kukumav	Little owl	LC	App-II	App-I	App-II	-	-
93. <i>Strix aluco</i>	Alaca baykuş	Tawny owl	LC	App-II	App-I	App-II	-	-
CAPRIMULGIFORMES	ÇOBANALDATANLAR							
Caprimulgidae	Çobanalatangiller							
94. <i>Caprimulgus europaeus</i>	Çobanaldataan	Nightjar	LC	App-II	App-I	-	Ann-I	+
APODIFORMES	SAĞANLAR							
Apodidae	Ebabıliller							
95. <i>Apus apus</i>	Ebabıl, Karasağan	Swift	LC	App-III	App-I	-	-	+
96. <i>Apus melba</i>	Akkarınılı Ebabil	Alpine swift	LC	App-II	App-I	-	-	+
97. <i>Apus pallidus</i>	Boz Ebabil	Pallid swift	LC	App-II	App-I	-	-	+
CORACIIFORMES	KUZGUNKUŞLARI							
Alcedinidae	Yalıçapkınıgiller							
98. <i>Alcedo atthis</i>	Yalıçapkını	Kingfisher	LC	App-II	App-I	-	Ann-I	-
Meropidae	Arıkuşugiller							
99. <i>Merops apiaster</i>	Arıkuşu	Bee-eater	LC	App-II	App-I	-	-	+
Coraciidae	Kuzgungiller							
100. <i>Coracias garrulus</i>	Gök kuzgun	Roller	NT	App-II	App-I	-	Ann-I	+
Upupidae	Çavuşkuşugiller							
101. <i>Upupa epops</i>	İbibik	Hoopoe	LC	App-II	App-I	-	-	+
PICIFORMES	AĞAÇKAKANLAR							
Picidae	Ağaçkakanlar							
102. <i>Jynx torquilla</i>	Boyunçeviren	Wryneck	LC	App-II	App-I	-	-	+
103. <i>Dendrocopos syriacus</i>	Alaca Ağaçkakan	Syrian Woodpecker	LC	App-II	App-I	-	Ann-I	-
104. <i>Dendrocopos major</i>	Orman alaca ağaçkakanı	Great-Spotted Woodpecker	LC	App-II	App-I	-	-	-
105. <i>Dendrocopos medius</i>	Ortanca Ağaçkakan	Middle Spotted Woodpecker	LC	App-II	App-I	-	Ann-I	-
PASSERIFORMES	ÖTÜCÜ KUŞLAR							

Alaudidae	Tarlakuşları							
106. <i>Calandrella brachydactyla</i>	Bozkır Toygarı	Short-toed lark	LC	App-II	App-I	-	Ann-I	+
107. <i>Galerida cristata*</i>	Tepeli Toygar	Crested lark	LC	App-III	App-II	-	-	-
108. <i>Lullula arborea</i>	Orman Toygarı	Woodlark	LC	App-III	App-II	-	Ann-I	+
109. <i>Alauda arvensis</i>	Tarla Kuşu	Skylark	LC	App-III	App-II	-	Ann-II.B	+
Hirundinidae	Kırlangıçiller							
110. <i>Hirundo rustica</i>	Kır Kırlangıcı	Swallow	LC	App-II	App-I	-	-	+
111. <i>Hirundo daurica</i>	Kızıl Kırlangıç	Red-rumped swallow	LC	App-II	App-I	-	-	+
112. <i>Delichon urbica</i>	Ev Kırlangıcı	House martin	LC	App-II	App-I	-	-	+
Motacillidae	Kuyruksallayangiller							
113. <i>Anthus campestris</i>	Kır İncirkusu	Tawny pipit	LC	App-II	App-I	-	Ann-I	+
114. <i>Anthus trivialis</i>	Ağaç İncirkusu	Tree pipit	LC	App-II	App-I	-	-	+
115. <i>Anthus pratensis</i>	Çayır İncirkusu	Meadow pipit	LC	App-II	App-I	-	-	+
116. <i>Anthus cervinus</i>	Kızıl Gerdanlı İncirkusu	Red throated pipit	LC	App-II	App-I	-	-	+
117. <i>Anthus spinoletta</i>	Dağ İncirkusu	Water pipit	LC	App-II	App-I	-	-	+
118. <i>Motacilla flava</i>	Sarı Kuyruksallayan	Yellow Wagtail	LC	App-II	App-I	-	-	+
119. <i>Motacilla citreola</i>	Sarıbaşlı Kuyruksallayan	Citrine wagtail	LC	App-II	App-I	-	-	+
120. <i>Motacilla cinerea</i>	Dağ Kuyruksallayanı	Grey wagtail	LC	App-II	App-I	-	-	-
121. * <i>Motacilla alba*</i>	Akkuyruksallayanı	Pied wagtail	LC	App-II	App-I	-	-	-
Troglodytidae	Çit Kuşları							
122. <i>Troglodytes troglodytes</i>	Çit Kuşu	Wren	LC	App-II	App-I	-	-	-
Prunellidae	Bozboğazgiller							
123. <i>Prunella modularis</i>	Dağbülbülü	Dunnock	LC	App-II	App-I	-	-	+
Turdidae	Ardıçgiller							
124. <i>Turdus merula*</i>	Karatavuk	Blackbird	LC	App-III	App-III	-	Ann-II.B	-
125. <i>Turdus pilaris</i>	Tarla Ardıcı	Fieldfare	LC	App-III	App-II	-	Ann-II.B	+
126. <i>Turdus philomelos</i>	Öter Ardıç	Song thrush	LC	App-III	App-II	-	Ann-II.B	-
127. <i>Turdus iliacus</i>	Kızıl Ardıç	Redwing	LC	App-III	App-III	-	Ann-II.B	+
Sylviidae	Ötleğengiller							
128. <i>Cettia cetti</i>	Kamış Bülbülü	Cetti's Warbler	LC	App-II	App-I	-	-	-
129. <i>Acrocephalus melanopogon</i>	Büyüklü Kamışçın	Moustached warbler	LC	App-II	App-I	-	Ann-I	+
130. <i>Acrocephalus schoenobaenus</i>	Kındıra Kamışçını	Sedge Warbler	LC	App-II	App-I	-	-	+
131. <i>Hippolais pallida</i>	Ak Mukallit	Olivaceous warbler	LC	App-II	App-I	-	-	+
132. <i>Sylvia melanocephala</i>	Maskeli Ötleğen	Sardinian warbler	LC	App-II	App-I	-	-	-
133. <i>Sylvia curruca</i>	Küçük Akgerdanlı Ötleğen	Lesser Whitethroat	LC	App-II	App-I	-	-	+
134. <i>Sylvia communis</i>	Akgerdanlı Ötleğeni	Whitethroat	LC	App-II	App-I	-	-	+
135. <i>Sylvia atricapilla</i>	Karabaşlı Ötleğen	Blackcap	LC	App-II	App-I	-	-	+
136. <i>Phylloscopus collybita</i>	Çivgin	Chiffchaff	LC	App-II	App-I	-	-	+
137. <i>Phylloscopus trochilus</i>	Sögütbülbülü	Willow warbler	LC	App-II	App-I	-	-	+

Regulidae								
138. <i>Regulus ignicapillus</i>	Sürmeli Çalıkuşu	Firecrest	LC	App-II	App-I	-	-	+
139. <i>Regulus regulus</i>	Çalıkuşu	Goldcrest	LC	App-II	App-I	-	-	+
Muscicapidae	Sinekkapangiller							
140. <i>Cercotrichas galactotes</i>	Çalıbülbülü	Rufous bush robin	LC	App-II	App-I	-	-	+
141. <i>Erithacus rubecula*</i>	Kızılgerdan	Robin	LC	App-II	App-I	-	-	-
142. <i>Luscinia megarhynchos</i>	Bülbül	Nightingale	LC	App-II	App-I	-	-	+
143. <i>Luscinia svecica</i>	Bugdaycıl, Mavi Gerdan	Bluethroat	LC	App-II	App-I	-	Ann-I	
144. <i>Phoenicurus ochruros*</i>	Kara Kızılıkuyruk	Black redstart	LC	App-II	App-I	-	-	+
145. <i>Phoenicurus phoenicurus*</i>	Kızılıkuyruk	Redstar	LC	App-II	App-I	-	-	+
146. <i>Saxicola rubetra</i>	Çayır Taşkuşu	Whinchat	LC	App-II	App-I	-	-	+
147. <i>Saxicola torquata</i>	Taşkuşu	Stonechat	LC	App-II	App-I	-	-	+
148. <i>Oenanthe isabellina</i>	Boz Kuyrukkakan	Isabellina wheatear	LC	App-II	App-I	-	-	+
149. <i>Oenanthe oenanthe</i>	Kuyrukkakan	Northern wheatea	LC	App-II	App-I	-	-	+
150. <i>Muscicapa striata</i>	Benekli Sinekkapan	Spotted flycatcher	LC	App-II	App-I	-	-	+
151. <i>Ficedula parva</i>	Küçük Sinekkapan	Red-breasted flycatcher	LC	App-II	App-I	-	Ann-I	+
152. <i>Ficedula hypoleuca</i>	Kara Sinekkapan	Pied flycatcher	LC	App-II	App-I	-	-	+
153. <i>Ficedula semitorquata</i>	Alaca Sinekkapan	Semi-Collared Flycatcher	NT	App-II	App-I	-	Ann-I	+
154. <i>Ficedula albicollis</i>	Halkalı Sinekkapan	Collared flycatcher	LC	App-II	App-I	-	Ann-I	+
Aegithalidae	Uzunkuyruk baştankaralar							
155. <i>Aegithalos caudatus</i>	Uzunkuyruklu Baştankara	Long-tailed tit	LC	App-III	App-II	-	-	-
Paridae	Baştankaragiller							
156. <i>Parus ater*</i>	Çam Baştankarası	Coal tit	LC	App-II	App-I	-	-	-
157. <i>Parus caeruleus</i>	Mavi Baştankara	Blue tit	LC	App-II	App-I	-	-	-
158. <i>Parus major*</i>	Büyük Baştankara	Great tit	LC	App-II	App-I	-	-	-
159. <i>Parus lugubris</i>	Kayıن Baştankarası	Marsh Tit	LC	App-II	App-I	-	-	-
Oriolidae	Sarıasmagiller							
160. <i>Oriolus oriolus</i>	Sarıasma	Golden oriole	LC	App-II	App-I	-	-	+
Laniidae	Örümcekkuşları							
161. <i>Lanius collurio</i>	Kızılırtılı Örümcekkuşu	Red-backed shrike	LC	App-III	App-I	-	Ann-I	+
162. <i>Lanius minor</i>	Karaalılı Örümcekkuşu	Lesser grey shrike	LC	App-III	App-I	-	Ann-I	+
163. <i>Lanius senator</i>	Kızılıbaşlı Örümcekkuşu	Woodchat shrike	LC	App-III	App-I	-	-	+
164. <i>Lanius nubicus</i>	Maskeli Örümcekkuşu	Masked shrike	LC	App-III	App-I	-	Ann-I	+
Corvidae	Kargagiller							
165. <i>Garrulus glandarius*</i>	Kestane Kargası	Jay	LC	--	App-III	-	Ann-II.B	-
166. <i>Pica pica</i>	Saksagan	Magpie	LC	--	App-III	-	Ann-II.B	-
167. <i>Corvus frugilegus</i>	Ekin kargası	Rook	LC	--	App-III	-	Ann-II.B	-
168. <i>Corvus corone*</i>	Leş kargası	Carriion crow	LC	--	App-III	-	Ann-II.B	-
169. <i>Corvus corax</i>	Kuzgun	Raven	LC	App-III	App-II	-	-	-

Sturnidae	Sığırçıkları							
170. <i>Sturnus vulgaris</i>	Sığırçık	Starling	LC	--	App-II	-	Ann-II.B	-
Passeridae	Serçeçiler							
171. <i>Passer domesticus*</i>	Ev Serçesi	House sparrow	LC	--	App-III	-	-	-
172. <i>Passer hispaniolensis*</i>	Sögüt Serçesi	Spanish sparrow	LC	App-III	App-II	-	-	+
173. <i>Passer montanus</i>	Ağaç Serçesi	Tree Sparrow	LC	App-III	App-II	-	-	-
Fringillidae	İspinozgiller							
174. <i>Fringilla coelebs*</i>	İspinoz	Chaffinch	LC	App-III	App-II	-	-	-
175. <i>Fringilla montifringilla</i>	Dağ İspinozu	Brambling	LC	App-III	App-II	-	-	-
176. <i>Serinus serinus</i>	Küçük İskete	Serin	LC	App-II	App-I	-	-	+
177. <i>Carduelis chloris*</i>	Florya	Greenfinch	LC	App-II	App-I	-	-	-
178. <i>Carduelis carduelis</i>	Saka	Goldfinch	LC	App-II	App-I	-	-	-
179. <i>Carduelis cannabina</i>	Ketenkuşu	Linnet	LC	App-II	App-I	-	-	-
180. <i>Carpodacus erythrinus</i>	Çütre	Common Rosefinch	LC	App-II	App-I	-	-	+
181. <i>Coccothraustes coccothraustes</i>	Kocabas	Hawfinch	LC	App-II	App-I	-	-	-
Emberizidae	Kırazkuşugiller							
182. <i>Emberiza cia</i>	Kaya Kırazkuşu	Rock bunting	LC	App-II	App-I	-	-	-
183. <i>Emberiza citrinella</i>	Sarı çinte	Yellow hammer	LC	App-II	App-I	-	-	+
184. <i>Emberiza cirlus</i>	Bahçe çintesi	Cirl Bunting	LC	App-II	App-I	-	-	-
185. <i>Emberiza hortulana</i>	Kırazkuşu	Ortolan	LC	App-III	App-II	-	Ann-I	+
186. <i>Emberiza melanocephala</i>	Karabaşlı Kırazkuşu	Black-headed bunting	LC	App-II	App-I	-	-	+
187. <i>Miliaria calandra</i>	Tarla Kırazkuşu	Corn bunting	LC	App-III	App-II	-	-	-

* Species which were directly observed during field study. Other species come from literature data and/or expert judgement

Table L-2.5. Mammal species detected within the Project Areas and surroundings

FAMILY – Species (Latin)	Species (Turkish)	Species (English)	IUCN	BERN	MAK	CITES	Habitat Directive
ERINACEOMORPHA							
Erinaceidae							
1. <i>Erinaceus concolor</i>	Kirpi	Southern White-breasted Hedgehog	LC	-	App-I	-	-
SORICOMORPHA							
Soricidae							
2. <i>Neomys anomalus</i>	Bataklık Böcekçili	Southern Water Shrew	LC	App-III	-	-	-
3. <i>Crocidura leucodon</i>	Çiftrenkli Beyazdişli Böcekçil	Bicolored Shrew	LC	App-III	-	-	-
4. <i>Crocidura suaveolens</i>	Küçük Beyazdişli Böcekçil	Lesser White-toothed Shrew	LC	App-III	-	-	-
CHIROPTERA							

FAMILY – Species (Latin)	Species (Turkish)	Species (English)	IUCN	BERN	MAK	CITES	Habitat Directive
Rhinolophidae							
5. <i>Rhinolophus hipposideros</i>	Küçük Nalburunlu Yarasa	Lesser Horseshoe Bat	LC	App-II	App-I	-	Ann-II, IV
6. <i>Rhinolophus ferrumequinum</i>	Büyük Nalburunlu yarasa	Greater Horseshoe Bat	LC	App-II	App-I	-	Ann-II, IV
7. <i>Rhinolophus euryale</i>	Akdeniz Nalburunlu yarasası	Mediterranean Horseshoe Bat	NT	App-II	App-I	-	Ann-II, IV
8. <i>Rhinolophus blasii</i>	Blasius Nalburunlu Yarasası	Blasius s Horseshoe Bat	LC	App-II	App-I	-	Ann-II, IV
Vespertilionidae							
9. <i>Myotis myotis</i>	Farekulaklı Büyük Yarasa	Greater Mouse-eared Bat					
10. <i>Myotis emarginatus</i>	Kirpikli Yarasa	Geoffroy's Bat	LC	App-II	App-I	-	Ann-II, IV
11. <i>Myotis mystacinus</i>	Biyıklı Yarasa	Whiskered Bat	LC	App-II	App-I	-	Ann-II, IV
12. <i>Myotis capaccinii</i>	Uzunayaklı Yarasa	Long-fingered Bat	VU	App-II	App-I	-	Ann-II, IV
13. <i>Nyctalus leisleri</i>	Küçük Ağacı Yarasası	Lesser Noctule	LC	App-II	App-I	-	Ann-IV
14. <i>Eptesicus serotinus</i>	Genişkanatlı Yarasa	Serotine Bat	LC	App-II	App-I	-	Ann-IV
15. <i>Pipistrellus pipistrellus</i>	Cüce Yarasa	Common Pipistrelle	LC	App-III	App-I	-	Ann-IV
16. <i>Miniopterus schreibersii</i>	Uzunkanatlı Yarasa	Common Bent-wing Bat	NT	App-II	App-I	-	Ann-IV
RODENTIA							
Sciuridae							
17. <i>Sciurus anomalus</i>	Sincap	Caucasian Squirrel	LC	App-II	App-I	-	-
Cricetidae							
18. <i>Microtus lewis</i>	Tarlafaresi	Sibling Vole	LC	-	-	-	-
Muridae							
19. <i>Apodemus mystacinus</i>	Kaya Faresi	Broad-toothed Field Mouse	LC	-	-	-	-
20. <i>Apodemus witherbyi</i>	Orman Faresi	Steppe Field Mouse	LC	-	-	-	-
21. <i>Apodemus flavicollis</i>	Sarıboyunlu ormanfaresi	Yellow-necked Mouse	LC	-	-	-	-
22. <i>Apodemus uralensis</i>	Cüce ormanfaresi	Ural Field Mouse	LC	-	-	-	-
23. <i>Rattus rattus</i>	Siçan	Black Rat	LC	-	-	-	-
24. <i>Rattus norvegicus</i>	Göçmen Siçan	Brown Rat	LC	-	-	-	-
25. <i>Mus domesticus</i>	Evfaresi	House Mouse	LC	-	-	-	-
26. <i>Mus macedonicus</i>	Sarı Evfaresi	Macedonian Mouse	LC	-	-	-	-
Gliridae							
27. <i>Glis glis</i>	Yediuyur		LC	App-III	App-I	-	-
28. <i>Muscardinus avellanarius</i>	Fındık faresi		LC	App-III	App-I	-	-
CARNIVORA							
Canidae							
29. <i>Canis aureus</i>	Çakal	Golden Jackal	LC	-	App-III	-	-
30. <i>Vulpes vulpes</i>	Tilki	Red Fox	LC	-	App-III	-	-
Mustelidae							

FAMILY – Species (Latin)	Species (Turkish)	Species (English)	IUCN	BERN	MAK	CITES	Habitat Directive
31. <i>Mustela nivalis</i>	Gelincik	Least Weasel	LC	App-III	App-II	-	-
32. <i>Martes foina</i>	Kaya Sansarı	Beech Marten	LC	App-III	App-III	-	-
33. <i>Lutra lutra</i>	Su Samuru	European otter	NT	App-II	App-I	App-I	Ann-II, IV
34. <i>Meles meles</i>	Porsuk	European Badger	LC	App-III	App-II	-	-
Felidae							
35. <i>Felis silvestris</i>	Yaban Kedisi	Wild Cat	LC	App-II	App-II	-	App-IV
ARTIODACTYLA							
Bovidae							
36. <i>Sus scrofa</i>	Yaban domuzu	Wild Boar	NE	-	App-III	-	-
CETACEA							
Delphinidae							
37. <i>Delphinus delphis</i>	Titrak	Short-beaked Common Dolphin	LC	App-II	-	App-II	-
38. <i>Tursiops truncatus</i>	Afalina	Common Bottlenose Dolphin	LC	App-II	-	App-II	-
Delphinidae							
39. <i>Phocoena phocoena</i>	Mutur	Harbour porpoise	LC	App-II	-	App-II	-

* Species which are directly observed during field study. Other species come from literature data and/or expert judgement.

ANNEX L-3

Aquatic Organism Inventory of the Project Site

Table L-3.1. Micro and macro algea existing in the Project Site and its surroundings

Species	Sampling Stations				
	1	2	3	4	5
CYANOBACTERIA					
CYANOPHYCEAE	+	+	+	+	-
GOMPHOSPHAERIACEAE					
<i>Gomphosphaeriaapponina</i> Kütz					
<i>Calothrix aerugine</i>	+	-	-	+	-
<i>Hydrocoleumlynbyaceu</i> <i>Lyngbya confervoides</i>	-	+	-	+	+
<i>Lyngbya majuscula</i>	-	+	+	-	+
<i>Lyngbya martensiana</i>	+	-	-	+	-
<i>Merismopedia glauca</i>	+	-	+	-	+
<i>Microcoleuswuitneri</i>	-	+	-	+	-
<i>Microcystis aeruginosa</i>	-	+	-	+	+
OSCILLATORIACEAE	+	-	+	-	+
<i>Lyngbya confervoides</i> C.Ag. exGomont	+	-	+	-	+
<i>L. martensiana</i> MeneghinexGomont	+	+	+	+	-
PHORMIDIACEAE	+	+	+	-	-
<i>Phormidiumambiguum</i> Gomont					
RIVULARIACEAE	+	+	+	-	+
<i>Calothrixconfervicola</i> (Dillw.) C. Ag.	+	+	+	-	+
<i>Rivularia polyotis</i> (J. Ag.) Hauck	+	-	+	-	+
RHODOPHYTA					
BANGIACEAE	+	+	+	-	+
<i>Bangia atropurpurea</i> (Roth) C.Ag.					
<i>Porphyra leucosticta</i> Thur.	-	+	+	-	-
<i>P. umbilicalis</i> (L.) Kütz.	+	+	+	-	+
GELIDIALES					
GELIDIACEAE	+	+	+	+	+
<i>Gelidiumcrinale</i> (Hare ex Turner) Gaillon					
<i>G. spathulatum</i> (Kütz.) Born.	+	+	+	-	+
<i>G. spinosum</i> (Gmelin) Silva	+	+	-	+	-
<i>P. melanoidea</i> (Schousb. exBorn.) Santelices & Homd.	+	-	+	-	+
GRACILARIALES					
GRACILARIACEAE	+	+	+	-	+
<i>Gracilaria gracilis</i> (Stackhouse) Steentoft, Irvine & Farnham					
CERAMIEAE	+	+	+	-	-
<i>Ceramium ciliatum</i> (Ellis) Ducl.	+	+	+	-	-
POLYSIPHONIEAE	+	-	+	-	+
<i>Herposiphonia secunda</i> (C.Ag.) Ambronn	+	-	+	-	+
<i>P. elongata</i> (Huds.) Harv.	-	+	+	-	+
<i>P. fucoides</i> (Hudson) Greville	+	+	+	-	-
PHAEOPHYCEAE					
ECTOCARPACEAE	+	+	+		+
<i>Ectocarpus siliculosus</i> (Dillw.) Lyngb.					
FUCALES					
SARGASSACEAE	+	+	+	+	+
<i>Cystoseira barbata</i> (Stackhouse) C.Ag.					
<i>C. concatenata</i> (L.) C. Agardh f. <i>Repens</i> Zinova & Kalugina	+	+	+	+	+
<i>Sargassum macinamarum</i> (L.) Setchell	+	+	+	+	+
CHLOROPHYTA					
CHAETOPHORALES	+	+	-		+
CHAETOPHORACEAE					

Species	Sampling Stations				
	1	2	3	4	5
<i>Entocladia viridis</i> Reinke					
ULOTHRICALES					
ULOTHRICHACEAE	+	+	+	+	-
<i>Ulothrix flacca</i> (Dillw.) Thuret in Le Jolis					
<i>U. implexa</i> (Kütz.) Kütz.	+	-	+	+	+
<i>U. tenerrima</i> (Kütz.) Kütz.	+	+	+	-	+
<i>U. zonata</i> (Weber&Mohr) Kützing	+	+	-	+	+
ULVALES					
ULVACEAE	+	+	+	-	-
<i>Ulva clathrata</i> (Roth) C.Agardh					
<i>Ulvacompressa</i> L.	+	+	-	-	+
<i>Ulvaflexuosa</i> Wulf.	+	+	+	+	-
<i>Ulvalactuca</i> L.	+	+	+	-	+
<i>Ulvalinza</i> L.	+	-	+	-	+
<i>Enteromorpha ahleriana</i> (Roth) Greville]	-	+	+	-	+
<i>Ulvaprolifera</i> O.F. Müller.	+	-	+	-	+
<i>Enteromorpha intestinalis</i> (L) Nees.	+	-	+	+	+
CLADOHORALES					
CLADOPHORACEAE	+	+	+	-	-
<i>Chaetomorpha aerea</i> (Dillw.) Kütz.					
<i>Cladophora albida</i> (Nees) Kütz.	+	+	+	+	+
<i>C. glomerata</i> (L.) Kütz. var. <i>glomerata</i>	-	+	+	-	+
<i>C. hutchinsiae</i> (Dillw.) Kütz.	+	+	+	+	+
DICTYOTALES					
DICTYOTACEAE	+	+	+	-	+
<i>Dictyota fasciola</i> (Roth) Lam.					
<i>D. fasciola</i> (Roth) Lam. var. <i>repens</i> (J.Ag.) Ardisson	+	-	+	-	+
ZONARIAEA					
<i>Padina pavonica</i> (L.) Thivy	+	+	+	-	-
BRYOPSIDALES					
BRYOPSIDACEAE	+	+	+	+	+
<i>Bryopsis corymbosa</i> J.Ag.					
<i>B. cypresina</i> Lamour.	+	+	+	-	-
CODIALES					
CODIACEAE	+	+	+	+	+
<i>Codium tomentosum</i> Stackhouse					
PERMATOPHYCEAE (DENİZ ÇİÇEKLERİ)					
<i>Posidonia oceanica</i>	-	+	+	+	+
<i>Zostera marina</i>	-	+	+	+	-

Table L-3.2. Zooplanktonic Organisms-Invertebrates existing Project Site and its surroundings

Species	Sampling Stations				
	1	2	3	4	5
ROTATORİA	+	+	+	+	+
<i>Asplanchna</i> sp.					
<i>Synchaeta</i> sp.	-	+	+	+	-
<i>Hexarthra</i> sp.	+	+	+	-	-
<i>Polyartha</i> sp.	+	+	-	+	+
<i>Cephalodella</i> sp.	+	+	-	-	-
<i>Brachionus angularis</i>	-	+	-	+	+

Species	Sampling Stations				
	1	2	3	4	5
CLADOCERA	+	-	-	+	+
<i>Chydorus sphaericus</i>					
<i>Daphnia obtusa</i>	+	+	-	-	-
<i>Evadne spinifera</i>	+	-	+	+	+
COPEPODA	+	+	-	+	-
<i>Acartia clausii</i>					
<i>Acartia latisetosa</i>	+	+	-	+	+
<i>Calanipeda aquadulcis</i>	-	-	+	+	-
<i>Calocala nuspavo</i>	-	+	+	+	-
<i>Canuella sp.</i>	+	-	-	+	+
DECOPODA	+	+	-	+	-
<i>Bracyura larvata</i>					
<i>Palaemon adspersus</i>	+	-	+	+	-
<i>Palaemon elegans</i>	+	+	+	+	-
<i>Palaemon longirostris</i>	+	+	-	-	-
<i>Palaemon serratus</i>	-	+	+	-	-
<i>Palaemon xiphias</i>	-	-	+	+	+
MOLLUSCA	+	+	-	-	+
<i>Bivalvia veliger larvasi</i>					
<i>Gastropoda larvasi</i>	+	+	+	-	-
ISOPODA	+	-	+	+	-
<i>Dynamene bifida</i>					
<i>Dynamene edwardsi</i>	+	+	+	-	-
<i>Dynamene magnitorata</i>	-	+	+	+	-
OSTRACODA	+	-	+	+	+
<i>Acantocythereis hystrix</i>					
<i>Aurila speyeri</i>	+	+	+	-	-

Table L-3.3. Benthic Organisms-Invertebrates existing Project Site and its surroundings

Species	Sampling Stations				
	1	2	3	4	5
MOLLUSCA					
GASTROPODA					
MESOGASTROPODA					
Hydrobiidae					
Hydrobia					
Hydrobiaventrosa (Montagu, 1803)	+	-	-	+	-
Valvatasp.	-	-	+	+	-
Theodoxusfluviatilis (Linnaeus, 1758)	-	-	+	+	+
Bittiumreticulatum (da Costa, 1778)	+	+	-	+	+
RissoasplendidaEichwald, 1830	+	+	-	+	-
VENERIDA					
SEMELIDAE					
Abra					
Abra segmentum (Recluz, 1843)	-	+	-	+	-
POLYCHAETA					
Eulaliapusilla	+	-	+	+	+
Dynamene magnitorata	-	+	+	+	-
OSTRACODA					
<i>Acantocythereis hystrix</i>	+	-	+	+	+
<i>Aurila speyeri</i>	+	+	+	-	-

ANNELİDA						
Polychaeta larvası		-	+	+	+	-
Eunicevittata						
Glycerarouxii		+	+	+	+	+
Harmothoespinifera		-	+	+	+	-
Kefersteinia cirrata		+	-	+	-	+

Table L-3.4. Fishes – Vertebrates existing Project Site and its surroundings

Species	Sampling Stations					IUCN	BERN	BREEDING PERIOD
	1	2	3	4	5			
RAJIDAE								
<i>Raja clavata</i>	+	+	-	+	+	NT	-	April-July
TRIAKIDAE								
<i>Mustelus mustelus</i>	-	+	-	-	+	VU	-	March-May
BELENNIIDAE								
<i>Blennius sp.</i>	-	+	+	-	-	-	-	*
ENGRAULIDAE								
<i>Engraulis encrasicolus</i>	+	+	+	+	+	-	-	May-September
GOBIDAE								
<i>Gobius sp.</i>	+	+	-	-	+	-	-	March-May
<i>Gobius niger</i>	+	+	-	+	+	-	-	May-August
CLUPEIDAE								
<i>Sardina pilchardus</i>	+	-	+	+	-	-	-	February-October
<i>Sardinella aurita</i>	-	+	+	+	+	-	-	March-August
ANGUILLIDAE								
<i>Anguilla anguilla</i>	+	+	+	-	+	CR	-	April-June
CARANGIDAE								
<i>Lichia amia</i>	+	-	+	-	-	-	-	April-June
<i>Naucrates ductor</i>	+	-	+	+	-	-	-	September-December
MULLIDAE								
<i>Mullus surmuletus</i>	+	+	+	+	+	-	-	May-August
SCOMBRIDAE								
<i>Scomber scombrus</i>	+	+	+	-	+	LC	-	March-May
SCOPHTHALMIDAE								
<i>Scomphthalus maeoticus</i>	+	+	-	+	-	-	-	April-June
GADIDAE								
<i>Merlangius merlangus euxinus</i>	+	+	+	+	+	-	-	January-May
POMATOMIDAE								
<i>Pomatomus saltatrix</i>	+	+	-	+	-	-	-	March-June
SPARIDAE								
<i>Diplodus puntazzo</i>	+	+	-	+	+	-	-	August-November
<i>Sparus aurata</i>	+	+	+	-	-	-	-	October-January
<i>Diplodus vulgaris</i>	+	+		+	+	-	-	*
CENTRACANTHIDAE								
<i>Spicara flexuosa (Spicara maena)</i>	+	+	+	+	+	-	-	April-July

*No information is provided within the related ecology study report.