

2025

IZTECH FLORA CATALOGUE



IZMIR INSTITUTE OF TECHNOLOGY

SUSTAINABLE GREEN CAMPUS COORDINATION

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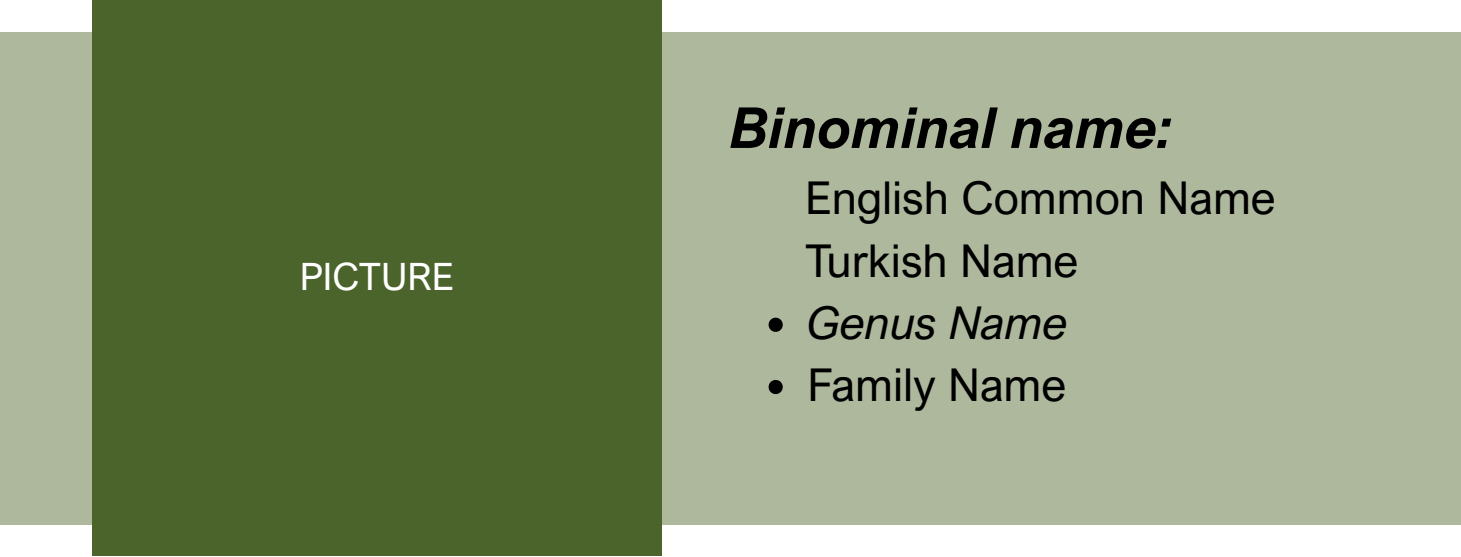


A NOTE FROM THE PROJECT COORDINATOR:

Over 350 hectares, the IZTECH campus on the Karaburun Peninsula encompasses a variety of habitats, including maquis, wetlands, forest, agricultural and coastal regions. Less than 5% of this area has been developed, containing educational buildings, student and faculty housing and a technology park. As a result of its largely untouched nature, the campus hosts a diversity of native and introduced plant species. An effort to document this diversity was started in spring 2025 under the auspices of the Sustainable Green Campus Coordinator and involved students from the Departments of Molecular Biology and Genetics and Architecture, as well as a newly established Ecology Protection Society. This catalogue is the initial output of that work which focused on the central campus region and includes photographs, Latin and common names for more than 180 species. Moving forward, the Ecology Protection Society will lead efforts to explore and document the unique flora and fauna of the IZTECH campus.



GUIDANCE for reading the flora catalog



PICTURE

Binominal name:

English Common Name

Turkish Name

- *Genus Name*
- Family Name

Alcea setosa:

Bristly hollyhock

Hitmiye çiçeği (dikenli hatmi)

- *Alcea*
- Malvaceae



Allium guttatum:

Spotted garlic

Benli soğan

- *Allium*
- Amaryllidaceae

Allium rotundum:

Purple flowered garlic

Deli pirasa

- *Allium*
- Amaryllidaceae



Allium sp.:

onion-garlic

soğan-sarımsak-pırasa-alyum

- *Allium*
- Amaryllidaceae



Anacamptis coriophora:

fragrant orchid

Pirinççiçeği

- *Anacamptis*
- Orchidaceae

Anacamptis pyramidalis:

Pyramidal orchid

Piramit orkidesi

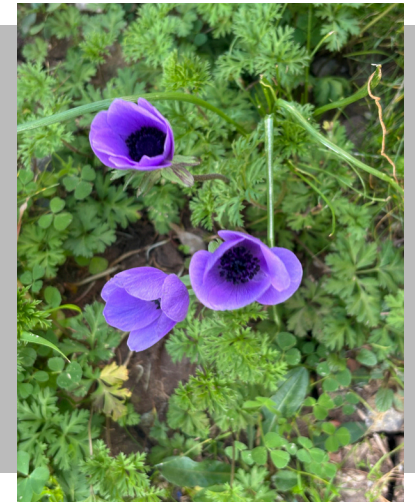
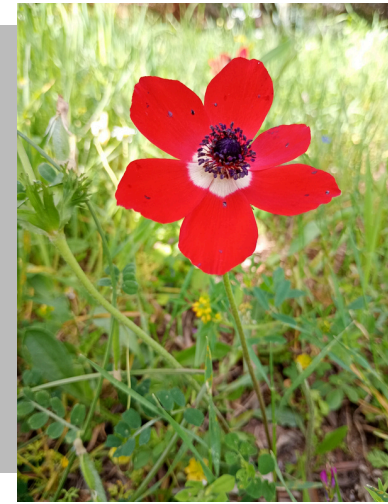
- *Anacamptis*
- Orchidaceae



Anemone coronaria:

Poppy anemone
Taçlı dağ lalesi

- *Anemone*
- Ranunculaceae



Anthemis arvensis:

Field chamomile
Tarla papatyası

- *Anthemis*
- Asteraceae

Anthemis chia:

Chios Chamomile
Beyaz papatya

- *Anthemis*
- Asteraceae



Anthemis cotula:

Stinking Chamomile
Hozan çiçeği

- *Anthemis*
- Asteraceae



Anthyllis circinnata:

Spanish Medick- Disk Trefoil
Pullu ot

- *Anthyllis*
- Fabaceae

Arbutus unedo:

Strawberry tree
Kocayemiş

- *Arbutus*
- Ericaceae



Asparagus sp.:

Asparagus
Kuşkonmaz

- *Asparagus*
- Asparagaceae



Asphodelus ramosus:

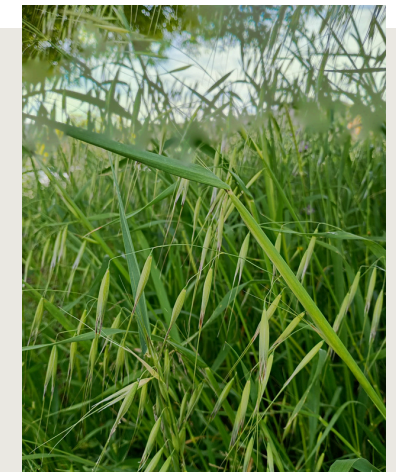
Branched Asphodel
Çirişotu, Sarızambak

- *Asphodelus*
- Asphodelaceae

Avena fatua:

Spring wild oat
Yabani yulaf

- *Avena*
- Poaceae



Bellardia trixago:

Mediterranean lineseed
Karaballıbaba

- *Bellardia*
- Orobanchaceae



Bituminaria bituminosa:

Arabian pea
Asfalt otu

- *Bituminaria*
- Fabaceae

Blackstonia acuminata:

Late flowering yellow wort
Geç çiçek açan sarı kantaron

- *Blackstonia*
- Gentianaceae



Briza minor:

Lesser quaking grass
Küçük zembil

- *Briza*
- Poaceae



Calendula arvensis:

Field marigold
Aynısefa - aynısafa

- *Calendula*
- Asteraceae

Calicotome villosa:

Spiny broom
Keçiboğan

- *Calicotome*
- Fabaceae



Campanula sibirica:

Siberian bellflower

Çan çiçeği

- *Campanula*
- Campanulaceae



Capparis spinosa:

Caper

Gebre otu, Kapari

- *Capparis*
- capparaceae

Cardopatum corymbosum:

Chamaileon

Kurtlu diken

- *Cardopatum*
- Asteraceae



Carpobrotus acinaciformis:

Elands sourfig, Sally my handsome
Kazayağı, Buz Çiçeği

- *Carpobrotus*
- Aizoaceae



Carthamus lanatus:

Distaff thistle
Sarı diken, altındiken, aspir

- *Carthamus*
- Asteraceae

Centaurea urvillei:

Knapweed , starthistle
Kötürüm

- *Centaurea*
- Asteraceae



Centaurium tenuiflorum:

Slender centaury
Sivri/ince gelindüğmesi

- *Centaurium*
- Gentianaceae



Ceratonia siliqua:

Carob, locust tree
Keçiboynuzu ağacı

- *Ceratonia*
- Fabaceae

Chondrilla juncea:

Rush skeletonweed
Karakavuk

- *Chondrilla*
- Asteraceae



Cichorium pumilum:

Wild chicory

Akkanak

- *Cichorium*
- Asteraceae



Cistus creticus:

Feathered rockrose

Tüylü laden

- *Cistus*
- Cistaceae

Cistus salviifolius:

Sage-leaved rockrose

Adaçayı yapraklı laden

- *Cistus*
- Cistaceae



Clematis cirrhosa:

Early virgin's-bower
Bahar sarmaşığı

- *Clematis*
- Ranunculaceae



Convolvulus arvensis:

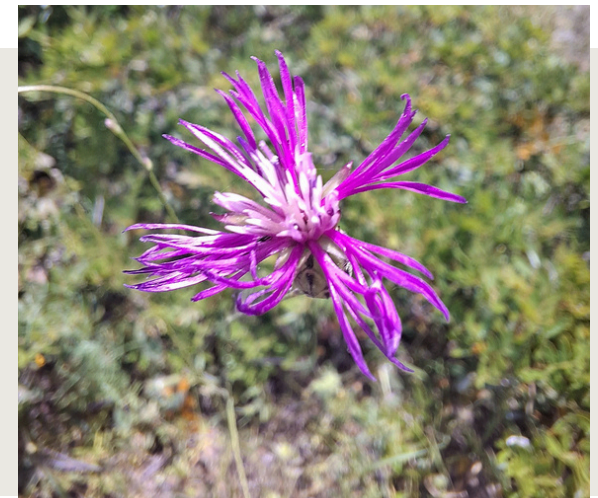
Wild morning-glory
Tarla sarmaşığı

- *Convolvulus*
- convolvulaceae

Crupina crupinastrum:

Southern crupina
Gelindöndüren

- *Crupina*
- Asteraceae



Crupina sp.:

Crupina or False Saw-wort
Gelindöndüren

- *Crupina*
- Asteraceae



Cyclamen hederifolium:

Ivy-leaved Cyclamen
Kandilkökü- Sarmaşık yapraklı siklamen

- *Cyclamen*
- primulaceae

Dactylis glomerata:

Cock's- foot
Domuz ayriğı

- *Dactylis*
- Poaceae



Dasypyrum villosum:

Mosquitograss

Kızılev

- *Dasypyrum*
- Poaceae



Daucus carota:

Queen Anne's lace

Yabani havuç

- *Daucus*
- Apiaceae

Dianthus tripunctatus:

Three-spotted pink

Benekli karanfil

- *Dianthus*
- Caryophyllaceae



Dittrichia viscosa:

Woody fleabane
Yapışkan andız otu

- *Dittrichia*
- *Asteraceae*



Dracunculus vulgaris:

Dragon lily
Yılan bıçağı

- *Dracunculus*
- *Araceae*

Ecballium elaterium:

Squirting cucumber
Acı kavun

- *Ecballium*
- *Cucurbitaceae*



Echinops spinosissimus:

Delos thistle

Eşekköftesi

- *Echinops*
- Asteraceae



Echium italicum:

pale-bugloss

kurtkuyruğu

- *Echium*
- Boraginaceae

Echium plantagineum:

Viper's bugloss

Kırkbatıran

- *Echium*
- Boraginaceae



Echium sabulicola:

Sand Viper's gloss
Engerek otu

- *Echium*
- Boraginaceae



Erodium moschatum:

Musk Stork's-bill
iğnelik yeşilken

- *Erodium*
- Geraniaceae

Eryngium campestre:

Eryngo
Boğa dikeni

- *Eryngium*
- Apiaceae



Euphorbia helioscopia:

Madwoman's milk

Sarı sütleğen

- *Euphorbia*
- euphorbiaceae



Frankenia hirsuta:

Hairy Sea-Heath

Tülpembe

- *Frankenia*
- Frankeniaceae

Fumana arabica:

Mediterranean rockrose

Arap güneşotu

- *Fumana*
- Cistaceae



Galium aparine:

Stickywilly

Yoğurt otu

- *Galium*
- Rubiaceae



Genista acanthoclada:

Peloponnese broom

Kertikefen

- *Genista*
- Fabaceae



Genista scorpius :

Scorpion broom

Karaçalı

- *Genista*
- Fabaceae

Geranium purpureum:

Little robin

Küçük turnagagası

- *Geranium*
- Geraniaceae



Geranium pusillum:

Small-flowered Cranesbill

İncegelinçarşafı

- *Geranium*
- Geraniaceae

Geropogon hybridus:

Pasture goatsbeard

Melez yemlik

- *Geropogon*
- Asteraceae



Gladiolus italicus:

Field gladiolus

Kılıçotu

- *Gladiolus*
- Iridaceae



Glaucium flavum:

Yellow-horned poppy

Gündürmelalesi

- *Glaucium*
- Papaveraceae

Hedypnois rhagadioloides:

Cretan hedypnois

Sünnetlice

- *Hedypnois*
- Asteraceae



Helichrysum saxatile:

Sardinian helichrysum/

Everlasting

Ölümsüz çiçek

- *Helichrysum*
- Asteraceae



Helichrysum stoechas:

Goldilocks

Kudama

- *Helichrysum*
- Asteraceae

Hirschfeldia incana:

Hoary mustard

Nadas turpu

- *Hirschfeldia*
- Brassicaceae



Hordeum secalinum:

Meadow barley

Arpa

- *Hordeum*
- Poaceae



Hypericum empetrifolium:

Health-leaved St. John's Wort

Çobanyaprağı

- *Hypericum*
- Hypericaceae

Hypericum perforatum:

Saint John's Wort

Sarı kantaron

- *Hypericum*
- Hypericaceae



Juncus acutus:

Sharp rush

Dikenli saz

- *Juncus*
- Juncaceae



Juncus rigidus:

Sea rush

Deniz sazi

- *Juncus*
- Juncaceae



Juniperus phoenicea:

Phoenician juniper

Finike Ardıcı

- *Juniperus*
- Cupressaceae

Lagurus ovatus:

Hare's tail grass

Tavşankuyruğu

- *Lagurus*
- *Poaceae*



Lathyrus annuus:

Fodder-pea

Dağdırılcası

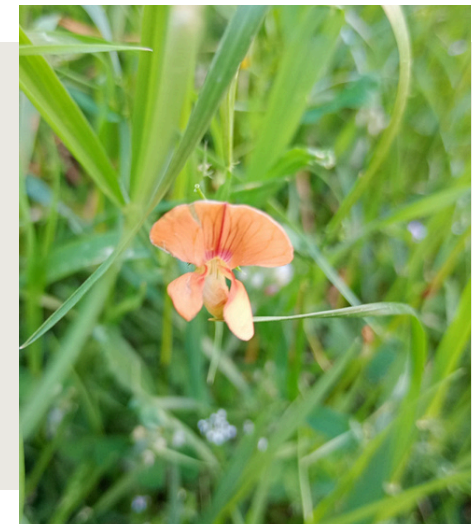
- *Lathyrus*
- *Fabaceae*

Lathyrus sphaericus:

Round-seed vetchling

Çamburçağı

- *Lathyrus*
- *Fabaceae*



Lavandula stoechas:

Topped lavender

Karabaş otu

- *Lavandula*
- Lamiaceae



Leucanthemopsis alpina:

Alpine moon daisy

Alp ay papatyası

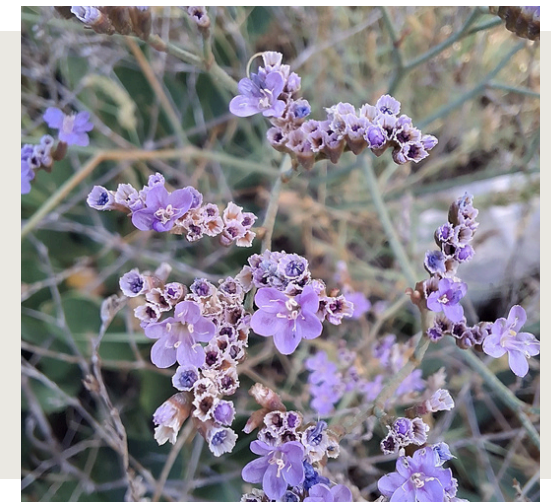
- *Leucanthemopsis*
- Asteraceae

Limonium sp.:

Sea Lavender

Deniz Lavantası

- *Limonium*
- Plumbaginaceae



Linum trigynum:

Slender yellow flax

Otlak keteni

- *Linum*
- Linaceae



Lotus tetragonolobus:

Asparagus pea

Al canavardışı

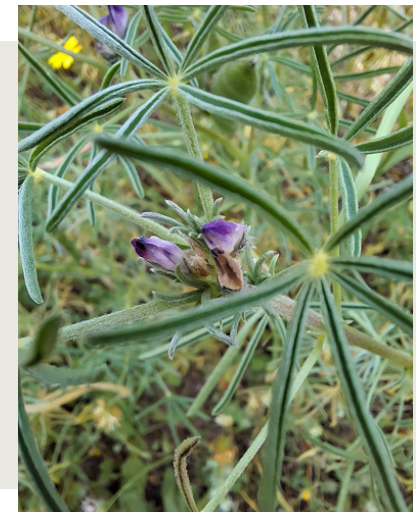
- *Lotus*
- Fabaceae

Lupinus angustifolius:

Blue lupin

Mavi acı bakla

- *Lupinus*
- Fabaceae



Lysimachia arvensis:

Scarlet Pimpernel

Farekulağı

- *Lysimachia*
- Primulaceae



Lysimachia foemina:

Blue Pimpernel

Bağırsakotu

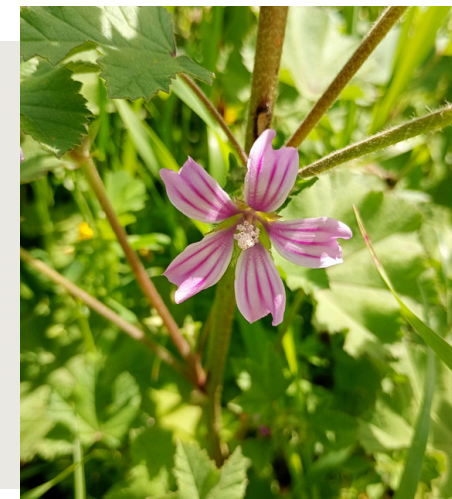
- *Lysimachia*
- Primulaceae

Malva multiflora:

Cretan Tree-mallow

Ebegümeçi

- *Malva*
- Malvaceae



Malva neglecta:

Common mallow

Çoban çöreği

- *Malva*
- Malvaceae



Malva punctata:

Spotted-stalked Tree-mallow

Saracak

- *Malva*
- Malvaceae

Malva sylvestris:

Mallow

Büyük ebegümeçi

- *Malva*
- Malvaceae

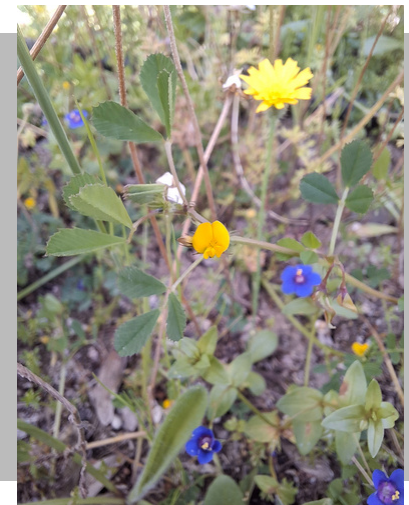


Medicago orbicularis:

Burless clover

Paralık

- *Medicago*
- Fabaceae



Melica ciliata:

Hairy melic grass

Kirpikli inci

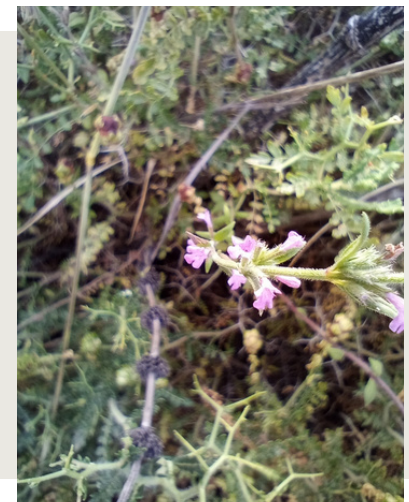
- *Melica*
- Poaceae

Micromeria graeca:

Greek micromeria

Boğumcuk

- *Micromeria*
- Lamiaceae



Moraea sisyrinchium:

Barbary nut
Keklik çiğdemi

- *Moraea*
- Iridaceae



Muscari comosum:

Tassel Hyacinth
Morbaş

- *Muscari*
- Asparagaceae

Nigella arvensis:

Field nigella
Tarla çörekotu

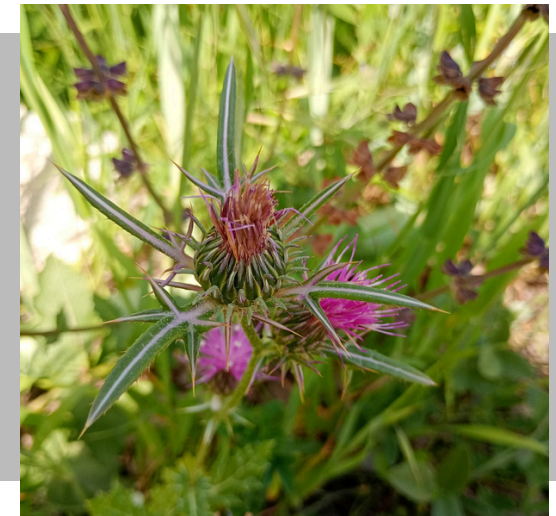
- *Nigella*
- Ranunculaceae



Notobasis syriaca:

Syrian thistle
Yavan kenger

- *Notobasis*
- Asteraceae



Onobrychis caput-galli:

Cockscomb Sainfoin
Pitrak korunga

- *Onobrychis*
- Fabaceae

Ononis pubescens:

Telangana Sinono
Havlı örsele

- *Ononis*
- Fabaceae

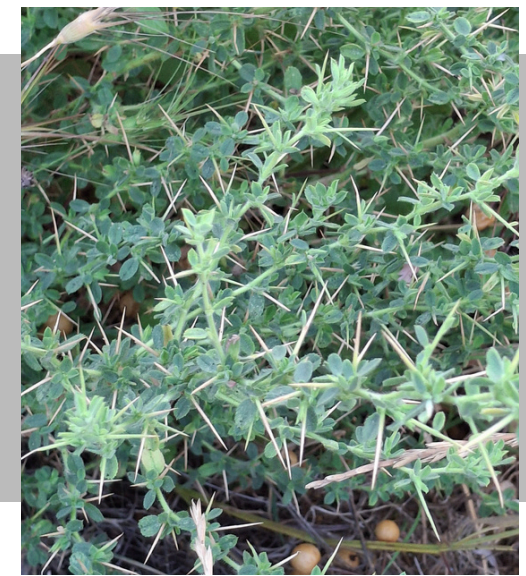


Ononis spinosa:

Spiny restharrow

Kayıskıran

- *Ononis*
- Fabaceae



Onopordum illyricum:

Illyrian thistle

Dolma kenkeri

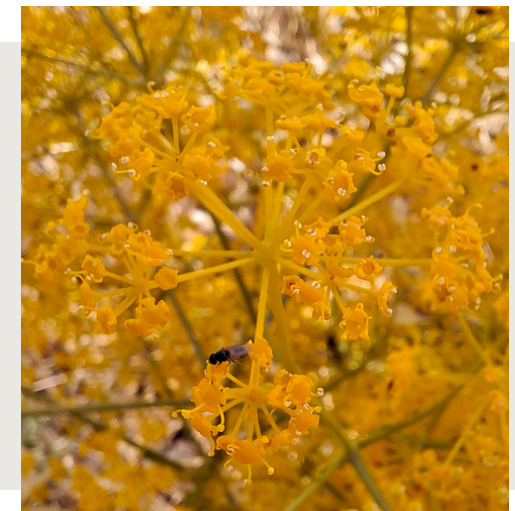
- *Onopordum*
- Asteraceae

Opopanax chironium:

Hercules-all-heal

Kirkorazar

- *Opopanax*
- Apiaceae

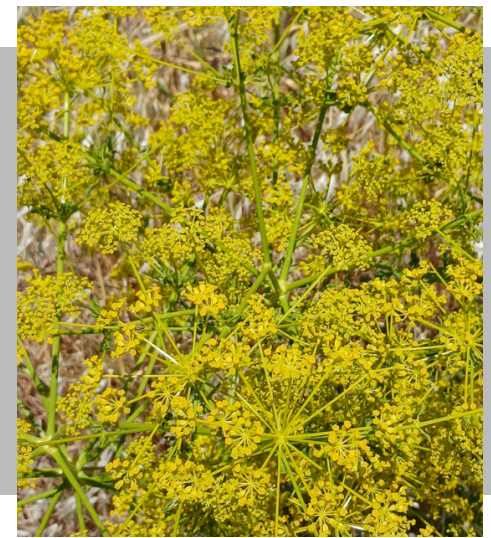


Opopanax hispidus:

Hercules' all-heal

Kaymacık

- *Opopanax*
- Apiaceae



Origanum onites:

Greek oregano

İzmir kekiği

- *Origanum*
- Lamiaceae

Ornithogalum baeticum:

Star-of-Bethlehem

Tükürük otu

- *Ornithogalum*
- Asparagaceae



Ornithogalum divergens:

Garden-Star-of-Bethlehem

Tükürük otu

- *Ornithogalum*
- Asparagaceae



Ornithogalum narbonense:

Narbonne Star-of-Bethlehem

Akbaldır

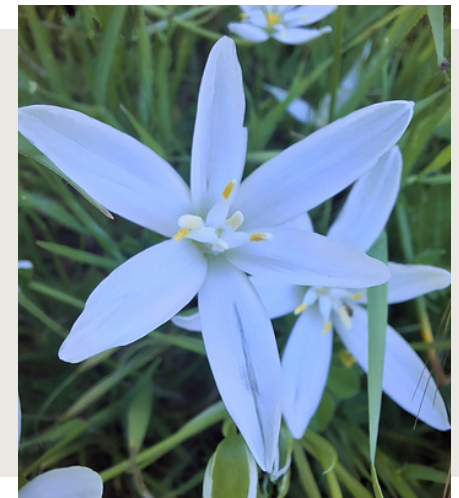
- *Ornithogalum*
- Asparagaceae

Ornithogalum umbellatum:

Star of Bethlehem

Tükürük otu

- *Ornithogalum*
- Asparagaceae



Oxalis pes-caprae:

Sourgrass

Koca ekşiyonca

- *Oxalis*
- Oxalidaceae



Pallenis spinosa:

Spiny golden star

Dikenotu

- *Pallenis*
- Asteraceae

Papaver dubium:

Long Smooth-headed poppy

Köpekyığı

- *Papaver*
- Papaveraceae



Papaver rhoeas:

Common poppy

Gelincik

- *Papaver*
- Papaveraceae



Papaver setiferum:

Poppy

Gelinalı

- *Papaver*
- Papaveraceae

Papaver umbonatum:

Semitic poppy

Gelincik

- *Papaver*
- Papaveraceae



Phagnalon rupestre:

Rock phagnalon

Kaya bozçalısı

- *Phagnalon*
- Asteraceae



Phalaris coerulescens:

Sunol grass

Gök kanyaş

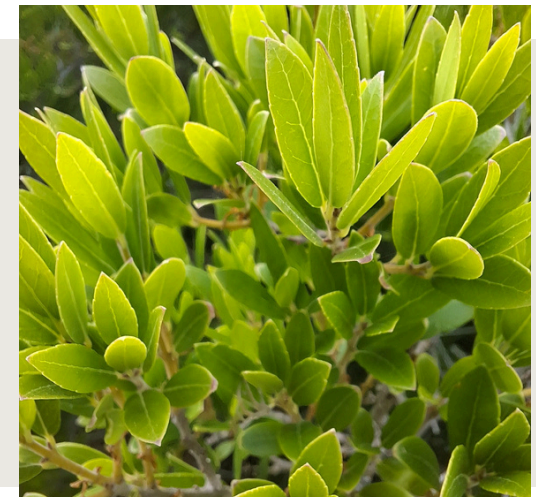
- *Phalaris*
- Poaceae

Phillyrea latifolia:

Mock privet

Akçakesme

- *Phillyrea*
- Oleaceae



Picnomon acarna:

Soldier thistle

Kılçık diken

- *Picnomon*
- Asteraceae



Pinus halepensis:

Aleppo pine

Halep çamı

- *Pinus*
- Pinaceae

Pistacia lentiscus:

Mastic tree/Lentisk

Sakız ağacı

- *Pistacia*
- Anacardiaceae



Plantago lagopus

Hare-foot-plaintain

Kirkdamar otu

- *Plantago*
- Plantaginaceae



Plantago maritima

Sea plantain

Deniz sinirotu

- *Plantago*
- Plantaginaceae

Plantago sp.:

- *Plantago*
- Plantaginaceae

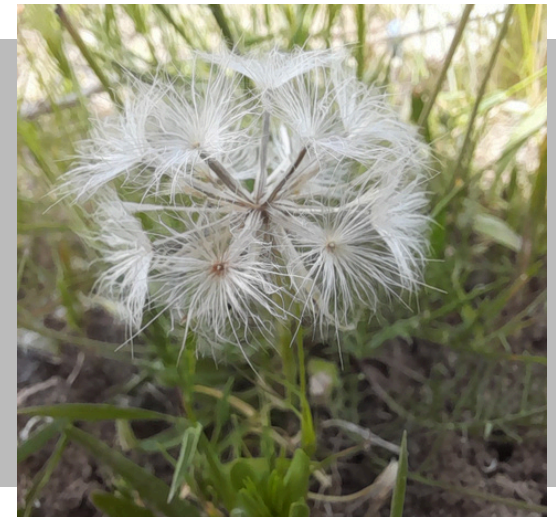


Podospermum laciniatum:

Cutleaf vipergrass

Parım

- *Podospermum*
- Asteraceae



Pseudodictamnus acetabulosus:

Greek horehound

Hoşnemnem

- *Pseudodictamnus*
- Lamiaceae

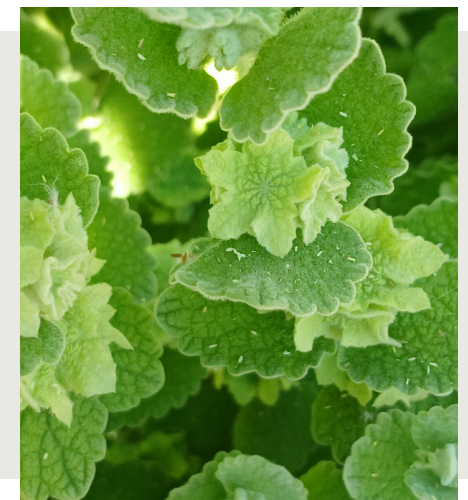


Pseudodictamnus hirsutus:

Hairy Sage

Köpekotu, Karaisırgan

- *Pseudodictamnus*
- Lamiaceae



Pterocephalus plumosus:

Gök cücükotu

- *Pterocephalus*
- Caprifoliaceae



Quercus coccifera:

Kermes oak

Kermes meşesi

- *Quercus*
- Fagaceae

Ranunculus sardous:

Hairy buttercup

Yitik yağotu

- *Ranunculus*
- Ranunculaceae



Raphanus raphanistrum:

Wild radish

Eşek turpu

- *Raphanus*
- Brassicaceae



Rhamnus lycioides:

Black hawthorn

Top cehri

- *Rhamnus*
- Rhamnaceae

Rhamphospermum arvense:

Charlock

Yabani hardal

- *Rhamphospermum*
- Brassicaceae



Romulea columnae:

Sand crocus
Bodur Çiğdem

- *Romulea*
- Iridaceae



Rubus frus:

Blackberry
Böğürtlen

- *Rubus*
- Rosaceae

Rubus ulmifolius:

Elmleaf blackberry
Dikensiz böğürtlen

- *Rubus*
- Rosaceae



Rumex bucephalophorus:

Ruby dock

Çipir

- *Rumex*
- Polygonaceae



Rumex conglomeratus:

Clustered dock

Çayır lapadası

- *Rumex*
- Polygonaceae

Rumex pulcher:

Fiddle dock

Güzel lapada

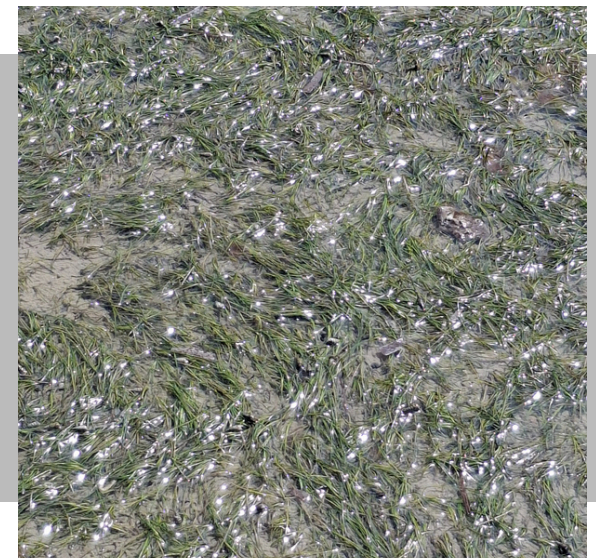
- *Rumex*
- Polygonaceae



Ruppia maritima:

Beaked tasselweed
Sahil ördekotu

- *Ruppia*
- Ruppiaceae



Salicornia fruticosa:

Shrubby glasswort
Diri geren

- *Salicornia*
- Amaranthaceae

Salvia verbenaca:

Wild clary
Elma kekiği

- *Salvia*
- Lamiaceae



Sanguisorba minor:

Salad burnet

Çayır düğmesi

- *Sanguisorba*
- Rosaceae



Santolina chamaecyparissus:

Gray santolina

Lavantin

- *Santolina*
- Asteraceae

Sarcopoterium spinosum:

Prickly burnet

Abdestbozan

- *Sarcopoterium*
- Rosaceae



Scabiosa atropurpurea:

Pincushion flower

Şeytanotu

- *Scabiosa*
- Caprifoliaceae



Scorpiurus muricatus:

Prickly caterpillar

Koyun dücüğü

- *Scorpiurus*
- Fabaceae

Scorzonera hispanica:

Black oyster plant

Sakız otu

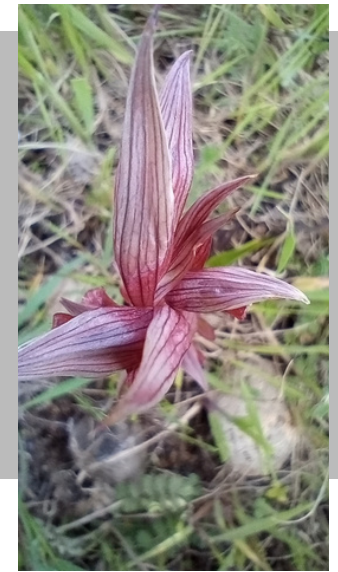
- *Scorzonera*
- Asteraceae



Serapias vomeracea:

Long-lipped Tongue Orchid
Taşakcilotu

- *Serapias*
- Orchidaceae



Sherardia arvensis:

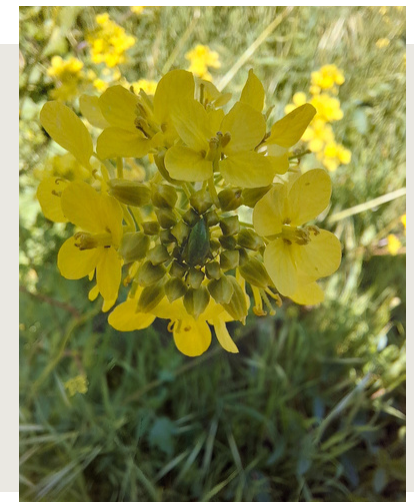
Field Madder
Gökörenotu

- *Sherardia*
- Rubiaceae

Sinapis alba:

White Mustard
Beyaz hardal

- *Sinapis*
- Brassicaceae



Smyrnum perfoliatum:

Perfoliate Alexanders

Sarıkörek

- *Smyrnum*
- Apiaceae



Sonchus asper:

Spiny-sow Thistle

Dikenli sütlüleke

- *Sonchus*
- Asteraceae

Spartium junceum:

Spanish Broom

İspanyol süpürgesi

- *Spartium*
- Fabaceae



Taeniatherum caput-medusae:

Medusahead

Kılçıkarpası

- *Taeniatherum*
- Poaceae



Tamarix parviflora:

Smallflower tamarisk

Deli ılgın

- *Tamarix*
- Tamaricaceae

Teucrium divaricatum:

Tree Germander

Mürcüotu

- *Teucrium*
- Lamiaceae



***Teucrium marum* :**

Cat thyme

Kedi kekiği

- *Teucrium*
- Lamiaceae



***Thymbra capitata*:**

Conehead Thyme

Acı kekik

- *Thymbra*
- Lamiaceae

***Tolpis umbellata*:**

Yellow Hawkweed

Korukiskısı

- *Tolpis*
- Asteraceae



Tordylium apulum:

Mediterranean hartwort

Boncukotu

- *Tordylium*
- Apiaceae



Tragopogon dubius:

Yellow Salsify

Atyemliği

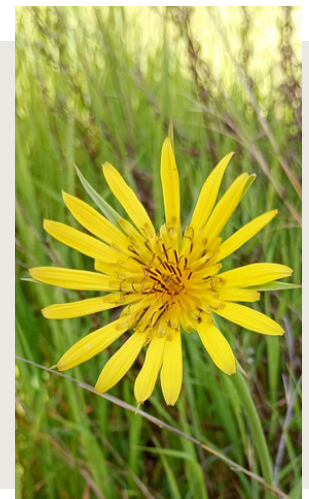
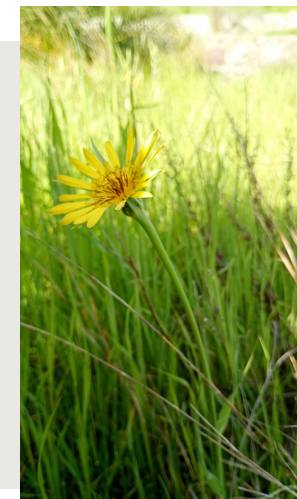
- *Tragopogon*
- Asteraceae

Tragopogon pratensis:

Goat's Beard

Salsifin

- *Tragopogon*
- Asteraceae



Trifolium angustifolium:

Narrow Clover

Nefel

- *Trifolium*
- Fabaceae



Trifolium arvense:

Hare's-Foot Clover

Tavşanayağı

- *Trifolium*
- Fabaceae

Trifolium campestre:

Hop trefoil

Üçgül

- *Trifolium*
- Fabaceae



Trifolium cherleri:

Southern Clover

Tokalıdüçük

- *Trifolium*
- Fabaceae



Trifolium clypeatum:

Shield Clover

Dişleküçgül

- *Trifolium*
- Fabaceae

Trifolium grandiflorum:

Large-Flower Hop Clover

Hanımüçgülü

- *Trifolium*
- Fabaceae



Trifolium nigrescens:

Small white clover

Yanıküçgöl

- *Trifolium*
- Fabaceae



Trifolium ochroleucon:

Sulphur Clover

Mızrak üçgöl

- *Trifolium*
- Fabaceae

Trifolium resupinatum:

Persian Clover

Anadoluüçgöl

- *Trifolium*
- Fabaceae

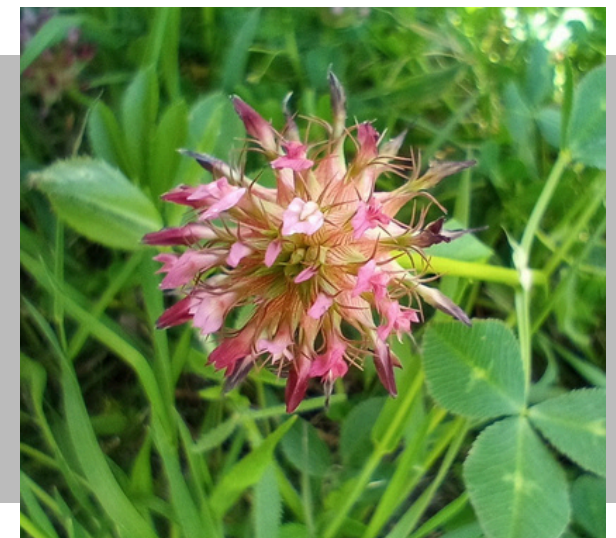


Trifolium spumosum:

Bladder Clover

Keseyonca

- *Trifolium*
- Fabaceae



Trifolium stellatum:

Starry Clover

Yıldızıyonca

- *Trifolium*
- Fabaceae

Trigonella balansae:

Sickle-fruited fenugreek

Gazelçemenotu

- *Trigonella*
- Fabaceae



Umbilicus rupestris:

Pennywort

Göbekotu

- *Umbilicus*
- Crassulaceae



Verbascum giganteum:

Verbascum

Sığırotu

- *Verbascum*
- Scrophulariaceae

Verbascum sinuatum:

Wavy-leaved Mullein

Balıkotu

- *Verbascum*
- Scrophulariaceae



Vicia bithynica:

English common name
Öküz baklası

- *Vicia*
- Fabaceae



Vicia eriocarpa:

Violet Vetch
Boğala

- *Vicia*
- Fabaceae

Vicia hybrida:

Hairy Yellow Vetch
Melez bakla

- *Vicia*
- Fabaceae



Vicia sativa:

Common Vetch

Fiğ

- *Vicia*
- Fabaceae



Visnaga daucooides:

Toothpickweed

Hiltan

- *Visnaga*
- Apiaceae

