MEDICINAL AND AROMATIC PLANT GENETIC RESOURCES
MEDIUM- AND LONG-TERM CONSERVATION PROGRAM

Program Period: 2026-2030

Institution	YOZGAT BOZOK UNIVERSITY	**Effective Date**	23.03.2026
Unit	Medicinal and Aromatic Plants Application and Research Center	**Revision No.**	1
Document No.	2026/1	**Prepared by / Approval**	TABUAM / Center Director Prof. Dr. Belgin COŞGE ŞENKAL

1. PURPOSE

To ensure the medium- and long-term conservation of local, cultivated, wild and research materials of medicinal and aromatic plants through herbarium, living collection, seed storage and a digital registration system; and to establish a traceable, sustainable genetic resources infrastructure by registering existing collections for use in scientific studies.

2. SCOPE

☐ Medicinal and aromatic plant species within the institution's area of responsibility
☐ Natural populations, cultivated plants and wild relatives
☐ Seed, vegetative material, herbarium and reference specimens
☐ Living collection plots and demonstration areas
☐ Digital registration, database and monitoring activities
☐ Other: (Research and training activities)

3. PRIORITY SPECIES/TAXA

Record No.	Species/Taxon	Local/Common Name	Conservation Method	Note
1	Salvia yosgadensis Freyn & Bornm.	Bozok sage	Herbarium, living collection, seed	High conservation priority
2	Salvia cyanescens Boiss. & Balansa	Purple galabor	Herbarium, living collection, seed	High conservation priority
3	Thymus sipyleus Boiss.	Sipil thyme	Living collection, seed storage, chemotype analysis, domestication	High conservation priority
4	Centaurea aksoyi Hamzaoğlu & Budak	Cornflower	In situ conservation, herbarium, photographic record	High conservation priority
5	Teucrium polium L.	Felty germander	Herbarium, living collection, seed	High conservation priority

4. CONSERVATION METHODS

☒ Living collection
☒ Seed storage
☒ Herbarium / reference specimen
☐ Vegetative conservation
☒ Digital database
☐ Other: .....

5. 2026-2030 TARGETS

Number of species for which living collection plots will be established: 10
Number of samples/accessions to be placed in seed storage: 10
Number of herbarium / reference specimens: 15

6. IMPLEMENTATION STAGES

1. Preparation and inventory
Species prioritization, field inventory and risk assessment

2. Establishment of conservation infrastructure
Living collection, seed storage, herbarium and data infrastructure

3. Monitoring and renewal
Monitoring, data updating, performance evaluation and renewal

STANDARD FORMS AND MONITORING TABLES

Medicinal and Aromatic Plant Genetic Resources Conservation Program

A. LIVING COLLECTION MONITORING FORM							
Record No.	**Species/Taxon**	**Planting Date**	**Initial Number of Plants**	**Current Number of Plants**	**Development Stage**	**Loss (%)**	**Renewal**
1	*Salvia verticillata* subsp. *amasiaca* (Freyn & Bornm.) Bornm.	2025	2	2	Vegetative growth	0	-
2	*Salvia dichroantha* Stapf	2025	2	2	Vegetative growth	0	-
3	*Salvia ekimiana* Celep & Doğan	2025	2	2	Flowering	0	-
4	*Salvia cyanescens* Boiss. & Balansa	2025	2	2	Vegetative growth	0	-
5	*Salvia absconditiflora* (Montbret & Aucher ex Benth.) Greuter & Burdet	2025	3	3	Flowering	0	-
6	*Marrubium* sp.	2025	1	1	Vegetative growth	0	-
7	*Sideritis dichotoma* Huter	2025	3	3	Vegetative growth	0	-
8	*Oridanum acutidens* (Hand.-Mazz.) Ietsw.	2025	3	1	Vegetative growth	33.33	-
9	*Thymus* sp.	2026	1	1	Vegetative growth	0	-
10	*Thymus* sp.	2026	1	1	Vegetative growth	0	-
11	*Marrubium* sp.	2026	1	1	Vegetative growth	0	-

B. SEED STORAGE FORM			
Record No.	**Species/Taxon**	**Packaging Type**	**Storage Condition**
1	*Salvia absconditiflora* (Montbret & Aucher ex Benth.) Greuter & Burdet	Paper bag	Room conditions
2	*Salvia aethiopis* L.	Paper bag	Room conditions
3	*Salvia dichroantha* Stapf	Paper bag	Room conditions
4	*Salvia ekimiana* Celep & Doğan	Paper bag	Room conditions
5	*Salvia russellii* Benth.	Paper bag	Room conditions
6	*Salvia sclarea* L.	Paper bag	Room conditions
7	*Salvia tomentosa* Mill.	Paper bag	Room conditions
8	*Salvia verticillata* subsp. *amasiaca* (Freyn & Bornm.) Bornm.	Paper bag	Room conditions
9	*Salvia virgata* Jacq.	Paper bag	Room conditions
10	*Salvia viridis* L.	Paper bag	Room conditions
11	*Salvia yosgadensis* Freyn & Bornm.	Paper bag	Room conditions
12	*Foeniculum vulgare* Mill.	Paper bag	Room conditions
13	*Hypericum perforatum* L.	Paper bag	Room conditions
14	*Coriandrum sativum* L.	Paper bag	Room conditions
15	*Nigella sativa* L.	Paper bag	Room conditions
16	*Achillea* sp.	Paper bag	Room conditions

C. HERBARIUM SPECIMEN FORM		
Record No.	**Herbarium No.**	**Species/Taxon**
1	BC-1-2017	*Hypericum heterophyllum*
2	BC-2-2017	*Anthemis tinctoria*
3	BC-3-2017	*Scutelleria oriantalis*
4	BC-4-2017	*Marrubium porviflorum*
5	BC-5-2017	*Teucrium chamaedrys*
6	BC-6-2017	*Stachys lavandulifolia* var.*lavandulifolia*
7	BC-7-2017	*Acinos rotundifollia*
8	BC-8-2017	*Mentha* sp.
9	BC-9-2017	*Stachys annua*
10	BC-10-2017	*Stachys iberico* subsp. *stenostacya*
11	BC-11-2017	*Salvia ekimiana*
12	BC-16-2018	Salvia verticillata
13	BC-17-2018	Astragalus angustifollus subsp.angustifolius
14	BC-18-2018	Lamium orientale
15	BC-19-2018	Phlomis armeniaca

D. RESEARCH/EDUCATIONAL PLANT FORM			
Record No.	**Species/Taxon**	**Year**	**Location**
1	*Lavandula angustifolia*	2017	Research and Application Area
2	*Salvia sclarea*	2025	Research and Application Area
3	*Melissa officinalis*	2025	Research and Application Area
4	*Salvia officinalis*	2026	Research and Application Area
5	*Lavandula angustifolia*	2026	Research and Application Area
6	*Origanum onites*	2026	Research and Application Area
7	*Origanum vulgare*	2026	Research and Application Area
8	*Thymus* sp.	2026	Research and Application Area
9	*Rosmarinus officinalis*	2026	Research and Application Area
10	*Cineraria maritima*	2026	Research and Application Area
11	*Santolina chamaecyparissus*	2026	Research and Application Area
12	*Thymus serpyllum*	2026	Research and Application Area
13	*Thymbra spicata*	2026	Research and Application Area
14	*Salvia viridis*	2026	Research and Application Area
15	Mentha spicata	2026	Research and Application Area
16	Mentha arvensis	2026	Research and Application Area
17	Mentha piperita	2026	Research and Application Area
18	*Salvia officinalis*	2025	Campus
19	*Lavandula angustifolia*	2025	Campus
20	*Thymus* sp.	2025	Campus
21	*Cineraria maritima*	2025	Campus
22	*Santolina chamaecyparissus*	2025	Campus
23	*Thymus serpyllum*	2025	Campus
24	*Rosmarinus officinalis*	2025	Campus
25	*Pelargonium graveolens*	2025	Campus

7. EVALUATION LEVEL
☐ [1] Conservation program is being prepared
☒ [2] Conservation program implemented at 1-25%
☐ [3] Conservation program implemented at 25-50%
☐ [4] Conservation program implemented at 50-75%
☐ [5] Conservation program implemented at >75%

D. ANNUAL PROGRAM IMPLEMENTATION SUMMARY				
Indicator	**Target**	**Achieved**	**Rate (%)**	**Explanation**
Number of protected species				
Number of protected accessions				
Living collection plot				
Seed storage sample				
Herbarium / reference specimen				
Annual report				
Overall implementation rate				

E. EVIDENCE AND DOCUMENTATION CHECKLIST
☒ Management board decision
☒ Conservation program document
☒ Species and accession list
☒ Plot sketch
☒ Photograph archive
☒ Seed records
☒ Herbarium / reference specimen records
☐ Annual reports
☐ Implementation rate calculation sheet
☐ Cooperation protocols
☐ Digital database output
☐ Other: .....

EXPLANATORY NOTE:

Annual reports and the digital database will be prepared by the end of the year.
The implementation rate calculation sheet will be determined at the end of the year.
The cooperation protocol planned for 2026 has not yet been officially registered.

F. APPROVAL		
Center Director	**Signature**	**Date**
Prof. Dr. Belgin COŞGE ŞENKAL		22.05.2026

Herbarium specimens, living collection garden materials, seed materials and digital records established before 2026 will be recorded in this table as the baseline inventory. Active, documented and traceable materials will be evaluated as active components of the 2026-2030 program.