

Origanum elongatum (Bonnet) Emb. & Maire

29152

Labiatae

Nomenclatural reference 1148 The Plant List. - <http://www.theplantlist.org/>

Remarks Taxonomy

O. elongatum is not recognized as an accepted species in the GRIN database.

"The term 'oregano', 'origan' or 'origanum' has more a commercial meaning than a botanical one. Many crop species that do not belong to the genus Origanum are known on the international market as 'oregano'. In fact some of these species do not even belong to the Labiatae family. Conversely, in trading, some true species of Origanum are called by different commercial names."

Reference

- 1100 GRIN Database (Germplasm Resources Information Network). USDA-ARS. Retrieved from www.ars-grin.gov
- 8985 Bejlali, B. (1997): Origanum: what does this mean? The case of Morocco. In: Paludosi, S. (ed.): Oregano. Proceedings of the IPGRI International Workshop on Oregano, 8-12 May 1996, Valenzano, Bari, Italy. pp. 138. - IPGRI & IPK, Rome & Gatersleben (Promoting the conservation and use of underutilized and neglected crops 14). Retrieved from <http://www.biodiversityinternational.org/fileadmin/biodiversity/publications/pdfs/199.pdf>, viewed: 27.03.2013.

Summary

Distribution	Origanum elongatum is an endemic species of Morocco.
Legislation	The species is not protected by CITES.
Threat Category	Assessed as Vulnerable in the 1998 national red list of Morocco. Since this species is endemic in Morocco, this can also be regarded as a global assessment for the species.
Threat	Overcollection and habitat loss. High risk of indiscriminant collection, since plants are often not identified to species level in trade.
Abundance	No published information on abundance available.
Habitat	Found in matorral (= macchia) vegetation, on rocks and stony grounds.
Regeneration	No published information on vegetative regeneration.
Reproduction	Probably bee pollinated.
Lifeform	Small shrub.
Plant Parts	The leaves of the plant are used.
Use	No published information on the range of uses available.
Trade Scale	In Morocco the species has been identified as a target plant in the development strategy for the medicinal and aromatic plants sector. Export figures from Morocco have decreased in recent years.

Synonyms

Name	Ref
Origanum font-queri Pau	1126 World Checklist of Selected Plant Families, RBG Kew. apps.kew.org/wcsp/home.do
Origanum grosii Pau & Font Quer	1126

Name Used in Pharmacopoeias and other References

Name as used in Source	Reference
Origanum elongatum	5525 Penso, G. & Proserpio, G. (1997): Index plantarum medicinalium totius mundi eorumque synonymorum. 2nd edition. OEMF, Milano.

Common Names

Common Name	Val	Typ	Lang	Country	Region	Ref
Zaatar		ver	ara			8989 Fennane, M., Ibn Tattou, M., Ouyahya, A.

Distribution Range

Distribution Range	Ref
"(C Rif), (Targuist), Tazzeke, Tsoul, Aknoul, Imzorène, Kert Gane, Gareb"	8990 Valdés, B., Rejdali, M., Achhal el Kadmiri, A., Jury, J.L. & Montserrat, J.M. (ed.) (2002): Catalogue des plantes vasculaires du Nord du Maroc, incluant des clés d'identification. Checklist of vascular plants of N Morocco with identification keys. 2 volumes. CSIC, Madrid.

endemic to Morocco	1147	Euro+Med PlantBase. - http://ww2.bgbm.org/EuroPlusMed/query.asp
endemic to Morocco	1126	World Checklist of Selected Plant Families, RBG Kew. apps.kew.org/wcsp/home.do
plateau du Maroc oriental (basse Moulouya), littoral de la Méditerranée, Rif	8989	Fennane, M., Ibn Tattou, M., Ouyahya, A. & El Qualidi, J. (2007): Flore pratique du Maroc. Vo. 2. Institut Scientifique, Rabat.

Distribution

Continent	Region	ICC	Status	Free Text	Ref
2 Africa	20 Northern Africa	MA	native		1126
		MA	native		1147
		MA	native	endemic	8982
		MA	native	plateau du Maroc oriental (basse Moulouya), littoral de la Méditerranée, Rif	8989
		MA	native	"(C Rif), (Targuist), Tazzeka, Tsoul, Aknoul, Imzorène, Kert Gane, Gareb"	8990

Abundance

Ecology

TypeEc	ICC	Ecology	Ref
habit	MA	"Matorrals, rochers, rocailles; basses et moy. montagnes"	8989 Fennane, M., Ibn Tattou, M., Ou

Life Form

Duration	Lifeform	Woodiness	Height	Remark	Ref
	chamaephyte				8989 Fennane, M., Ibn Tattou, M., O

Population Status / Threat Causes

TypePop	ICC	PopulationStatus	Remark	Ref
	MA	"Level of threat: fairly high; Factors involved: Over harvesting and habitat destruction" [p. 48]		8991 Imane Thami Alami (2010): Int
	MA	nt = neither rare or threatened		8984 Leadley, E. (1997): Conservati
cause	MA	"Four species are grown naturally in Morocco: <i>O. compactum</i> , <i>O. elongatum</i> (endemic), <i>O. grosii</i> and <i>O. virens</i> . The two formers are the most exploited. This was indeed confirmed during our surveying trip, where it was very difficult to find growing plants in their known habitat. Surveys in the most of the visited region showed the scarcity of these species, mainly due to their overharvest. When we reached some areas, by climbing high mountains, which were normally inaccessible to human activities, we could find few plants of these two species, which [...] presumably, escaped harvesting."		8979 Chaouki Al Faiz (ed.) (2007): B

Threat Categories

Glob	ICC	Region	Categ	Crit	Remark	Ref
	MA		NT			1109 UNEP-WCMC Threatened Spe
	MA		V			5531 Fennane, M. & Ibn Tattou, M. (

Purpose of Use (standardised)

Purpose of Use (free text)

Plant Parts Used

PlantPart (standardized entry)	Plant Part (free text)	Remark	Ref
leaf			8991 Imane Thami Alami (2010): Int

Scale and Trend of Trade

ICC	Utilization	Remark	Ref
MA	<i>O. elongatum</i> is mentioned in the USAID funded National Development Strategy for the Aromatic and Medicinal Plants Sector which aims to enable the sector to shift from supplying raw materials to a genuinely industrial sector.		8978 Anon. (2008): National develop

Trade

Type	ICC	Utilization	Ref
com	MA	essential oil	8978 Anon. (2008): National develop
exp	MA	"Many crop species that do not belong to the genus <i>Origanum</i> are known on the international market as 'oregano'. [...] In Morocco, there are five species belonging to the genus <i>Origanum</i> . [...] Among the five species, two are widely exploited for marketing and industrial purposes[...]. The estimated Moroccan yearly production [is] 1500 t of oregano"	8985 Bejjilali, B. (1997): <i>Origanum</i> : v
exp	MA	"Oregano": 2005/6: 77t, 2006/7: 27t, 2007/8: 15t = in regression [p. 47]	8991 Imane Thami Alami (2010): Int

exp MA Plants commonly used in Morocco for essentials oils and aromatic flavouring production: 8978 Anon. (2008): National develop
 Rosmarinus officinalis, Artemisia herba-alba, Cedrus atlantica, Myrtus communis, Origanum
 compactum, Origanum elongatum, Thymus satureioides, Laurus nobilis, Evernia prunastri,
 Evernia furfuracea, Ormenis mixta, Mentha pulegium

Legislation

Regulation

Bibliography

- 1100 GRIN Database (Germplasm Resources Information Network). USDA-ARS. Retrieved from www.ars-grin.gov
- 1109 UNEP-WCMC Threatened Species Database. Download of 1997 regional threat assessments sent 15.6.2011 by H. Gillett. Cambridge, UK (cf. Walter & Gillett, 1997 IUCN Red List of threatened plants)
- 1126 World Checklist of Selected Plant Families, RBG Kew. apps.kew.org/wcsp/home.do
- 1147 Euro+Med PlantBase. - http://ww2.bgbm.org/EuroPlusMed/query.asp
- 5525 Penso, G. & Proserpio, G. (1997): Index plantarum medicinalium totius mundi eorumque synonymorum. 2nd edition. OEMF, Milano.
- 5531 Fennane, M. & Ibn Tattou, M. (1998): Catalogue des plantes vasculaires rares, menacées ou endémiques du Maroc. Bocconea 8: 5-243.
- 8978 Anon. (2008): National development strategy for the aromatic and medicinal plants sector. Morocco integrated agriculture and agribusiness program. USAID, s.loc. Retrieved from http://pdf.usaid.gov/pdf_docs/PNADP091.pdf, viewed: 27.03.2013.
- 8979 Chaouki Al Faiz (ed.) (2007): Biological diversity, cultural and economic value of medicinal, herbal and aromatic plants in Morocco. Annual report 2005-2006. USDA, s.loc. Retrieved from http://www.pam-morocco.org/pdf/annual%20report%202007.pdf, viewed: 27
- 8982 Kokkini, S. (1997): Taxonomy, diversity and distribution of Origanum species. In: Paludosi, S. (ed.): Oregano. Proceedings of the IPGRI International Workshop on Oregano, 8-12 May 1996, Valenzano, Bari, Italy. pp. 2-12. - IPGRI & IPK, Rome & Gatersleben (
- 8984 Leadley, E. (1997): Conservation of Origanum spp. in botanic gardens. In: Paludosi, S. (ed.): Oregano. Proceedings of the IPGRI International Workshop on Oregano, 8-12 May 1996, Valenzano, Bari, Italy. pp. 24-25. - IPGRI & IPK, Rome & Gatersleben (Promoti
- 8985 Bejilali, B. (1997): Origanum: what does this mean? The case of Morocco. In: Paludosi, S. (ed.): Oregano. Proceedings of the IPGRI International Workshop on Oregano, 8-12 May 1996, Valenzano, Bari, Italy. pp. 138. - IPGRI & IPK, Rome & Gatersleben (Promot
- 8989 Fennane, M., Ibn Tattou, M., Ouyahya, A. & El Qualidi, J. (2007): Flore pratique du Maroc. Vo. 2. Institut Scientifique, Rabat.
- 8990 Valdés, B., Rejdali, M., Achhal el Kadmiri, A., Jury, J.L. & Montserrat, J.M. (ed.) (2002): Catalogue des plantes vasculaires du Nord du Maroc, incluant des clés d'identification. Checklist of vascular plants of N Morocco with identification keys. 2 volum
- 8991 Imane Thami Alami (2010): International status of selected Moroccan MAPs with market accessibility. Plants of Morocco's south and oasis. In: UNDP (ed.): Mainstreaming biodiversity into value chains for Mediterranean medicinal and aromatic plants. GEF Prop

Abbreviations and Standards

ICC = ISO Country Codes Ref = literature reference

Altitude: Low / High = minimum and maximum limits of altitude range [m]

Legislation: Source Taxon = name of taxon as contained in legislation

Utilization: TypeUtil

TypeUtil	TypeUtilLong
com	commodity
cul	cultivation
exp	export
har	harvest
imp	import
price	price
pur	purpose
rem	remark
sus	sustainability
tra	trade
trend	trend and scale of trade

Distribution Status: Standard

Status	Explanation
ina	introduced (naturalized)
ali	casual alien
pex	(presumably) extinct
don	doubtfully native
ica	introduced (casual or naturalized)
sou	source doubtful
cul	cultivated
ext	extinct
unc	status unclear
ocd	occurrence doubtful
adv	introduced, not established
int	introd., established
nat	native
chk	check entry

Common names: Type

TypeShort	Type
?	<unknown>
ayn	ayurvedic name
hom	homoeopathic name
pha	pharmaceutical name
scn	standardized common name
tra	trade name
ver	vernacular name

Ecology: TypeEcol

TypeEcol	Explanation
alti	altitude
feed	feed
grow	growth rate
habit	habitat
morph	morphology
regen	regeneration
repro	reproduction
soil	soil