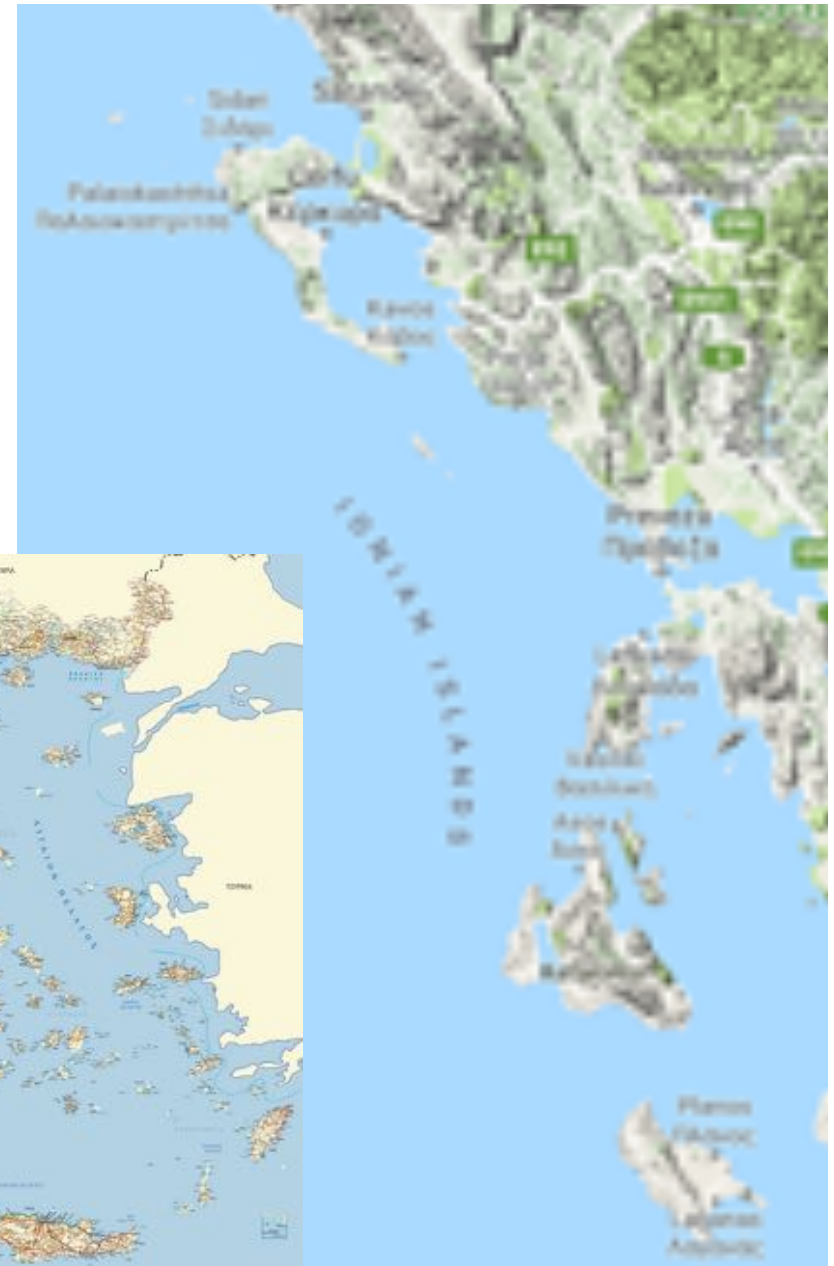


Endemic, Rare & Threatened coastal species of Ionian Islands: Threats and Protection

G. Kamari, S. Samaropoulou & P. Bareka

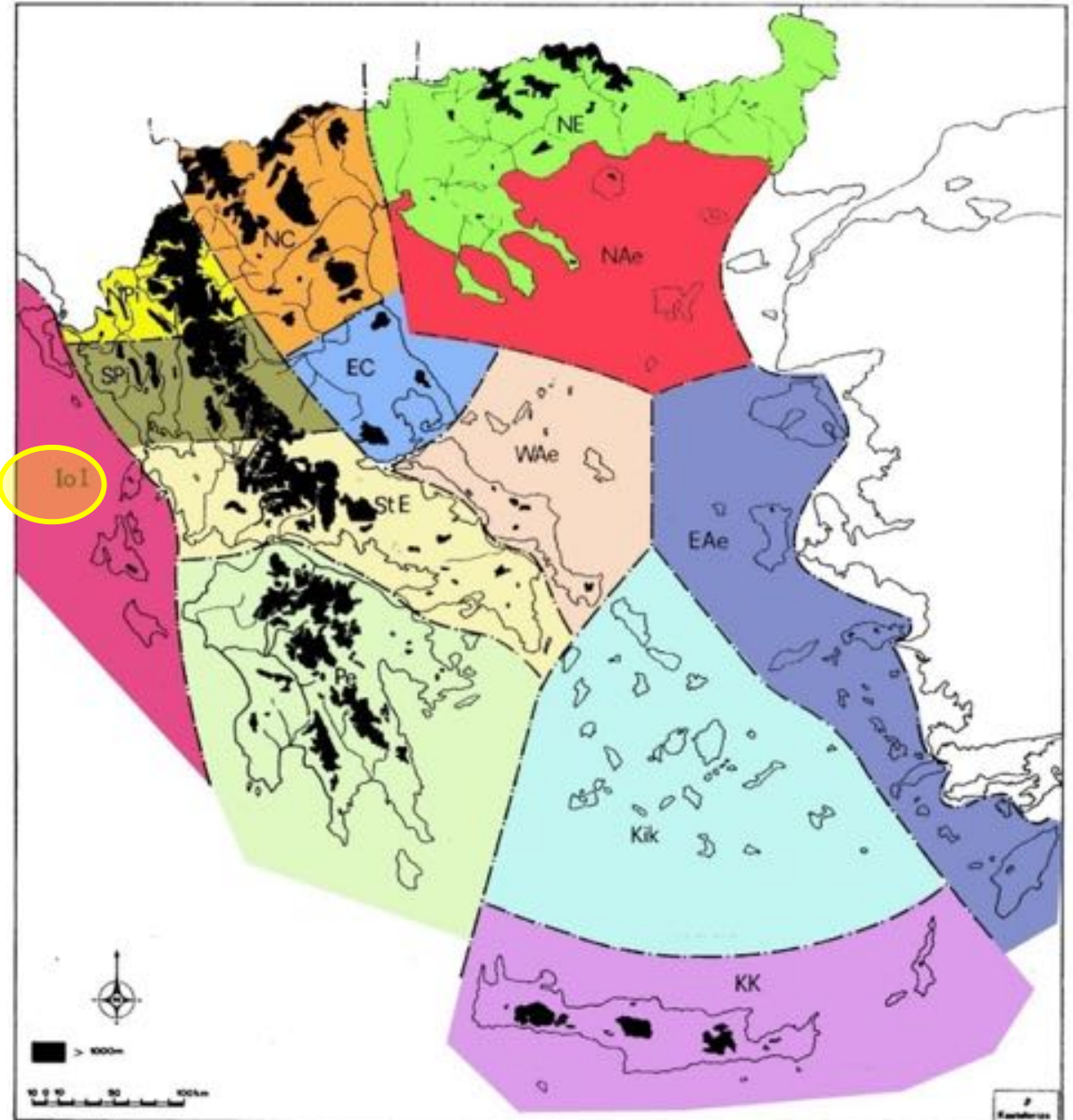


ü Recent Separation
(9000 yrs ago)

Adriatic - Ionian Region

ü Island Biogeography
ü - Isolation

ü Lower endemism
comparing to the
Aegean islands





Natura 2000 Network Viewer

Site Codes	GR2230001	GR2210002
	GR2230002	GR2210003
	GR2230003	GR2210004
	GR2230004	GR2220001
	GR2230005	GR2220002
	GR2230007	GR2220003
	GR2230008	GR2220004
	GR2230009	GR2220005
	GR2230010	GR2220006
	GR2210001	GR2240001
	GR2240002	

- ü Management Body of Ainos National Park
- ü National Marine Park of Zakynthos
- ü Amvrakikos Wetlands National Park
- ü Management Body of Kalamas - Acherontas - Kerkira

Ionian Islands’ coastline huge length



precipitous ecosystems



vast sandy beaches

West coasts and their gulfs: vertical & rocky ecosystems



shelters for rare & endemic plant species

Asperula naufraga Ehrend. &
Guterm

RDB 2009 - Endangered (EN)



Porto Vromi

Centaurea paxorum Phitos & T.
Georgiadis
RDB 2009 - Vulnerbale (Vu)



Limonium cephalonicum R.
Artelari



Kefalonia: Fanari - Ag. Theodori



***Limonium damboldtianum* Phitos & R. Artelari
RDB 1995 - Rare (R)**

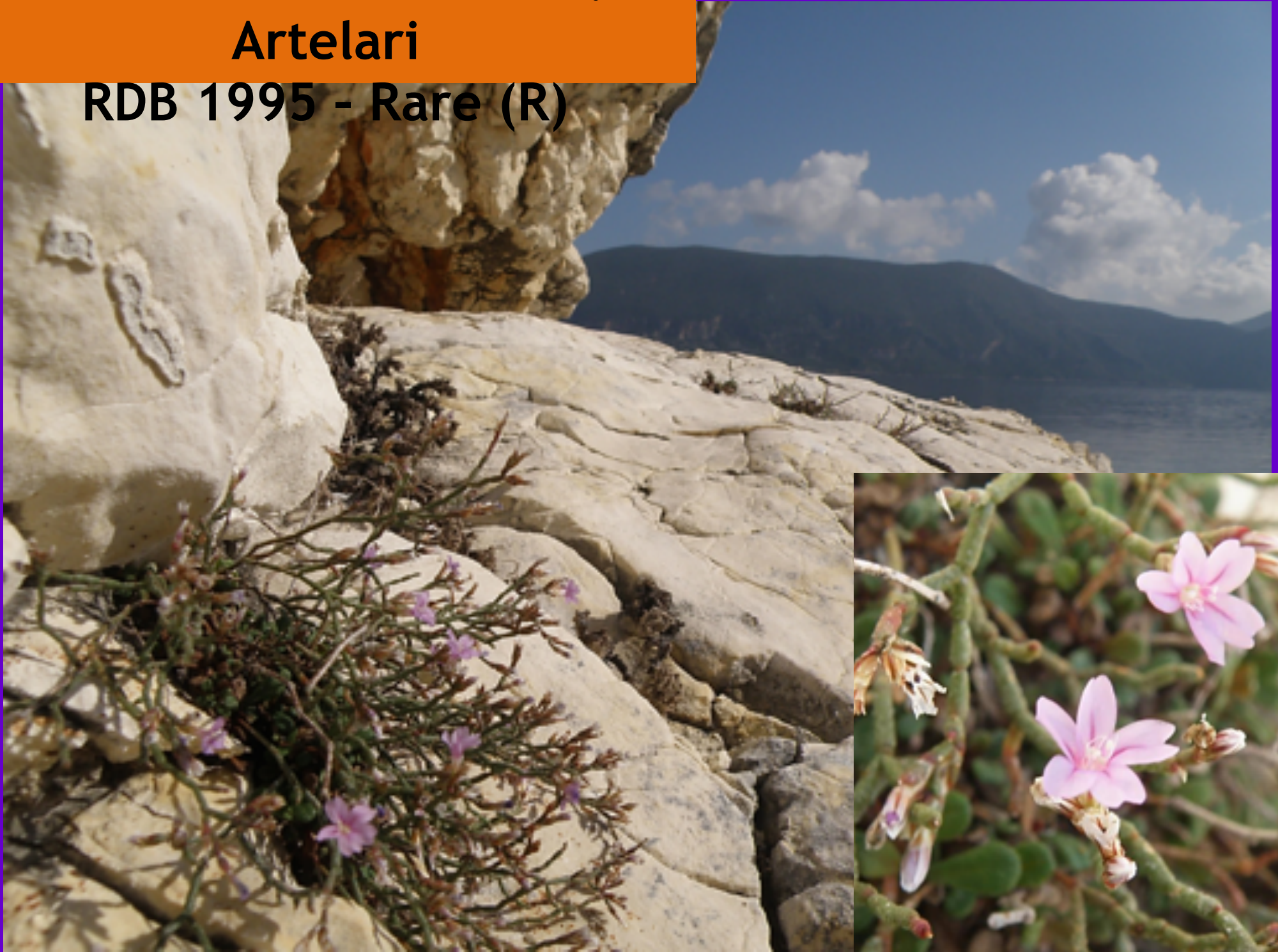


Kefalonia: Assos beach - *Locus classicus*



Limonium ithacense R.
Artelari

RDB 1995 - Rare (R)



Limonium phitosianum
Artelari

Rare (R) - RDB 1995



Limonium zacynthium Artelari &
Phitos

Rare (R) - RDB 1995

***Stachys ionica* Halácsy**
Presidential Decree 67/81



Teucrium halacsyianum
Heldr.



Arenaria leucadica Philot &
Strid
RDB 2009 - Endangered (EN)



Centaurea pumilio L.
RDB 2009 - Vulnerable (VU)



Mediterranean

Mediterranean

Morea mediterranea
Goldblatt



Silene niceensis
All.



Pancratium maritimum
L.

Mediterranean



Threats

Anthropogenic

Uncontrollable tourism

Construction activities

Beach facilities

Tourists' activities



Collections

Overgrazing

Natural

Wind & Wave erosion

Strong & Frequent Earthquakes

(detachment of the rocks into the sea)

Climate change

Proposals

∅ Reproduction study



∅ *In-situ* conservatio

∅ *Ex-situ* conservation

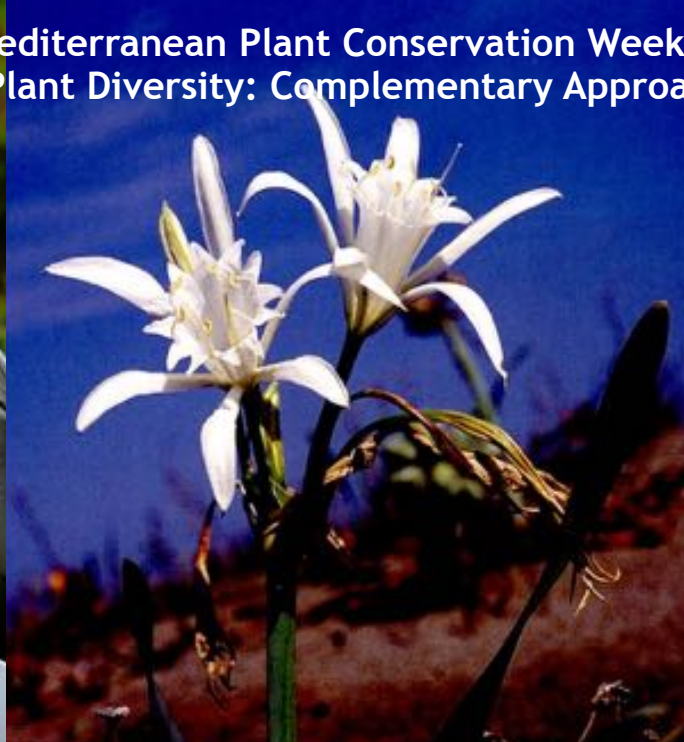
- *Seed Banks*
- *Ex-situ cultivation*



L-Università
ta' Malta



2nd Mediterranean Plant Conservation Week
“Conservation of Mediterranean Plant Diversity: Complementary Approaches and New Perspectives”



Thank you!



L-Università
ta' Malta

Supported by

