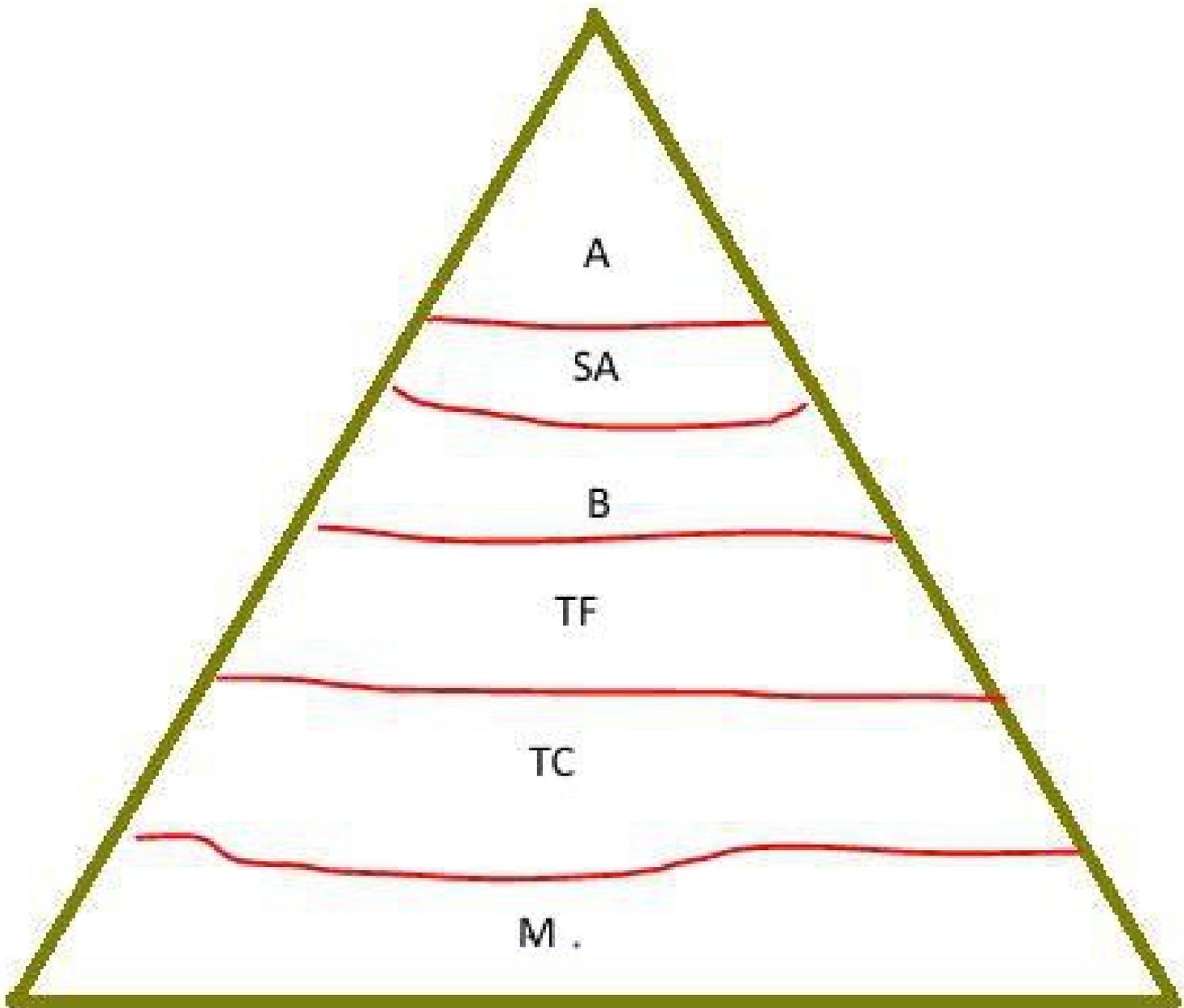


**CORSO DI BOTANICA SISTEMATICA**

# **LEZIONE 11**

**GEOBOTANICA: fasce e  
zone di vegetazione  
(terza parte)**



A

SA

B

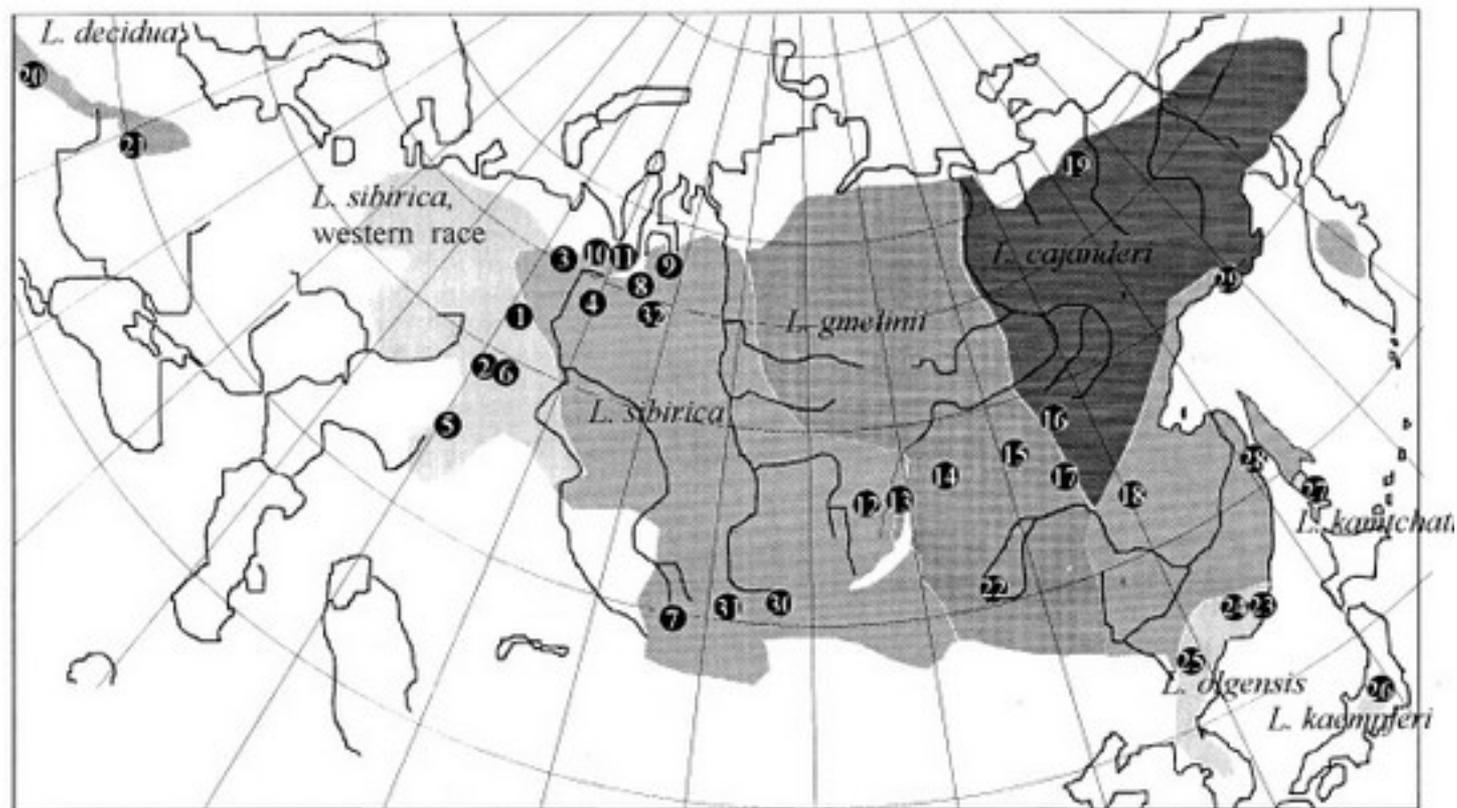
TF

TC

M .







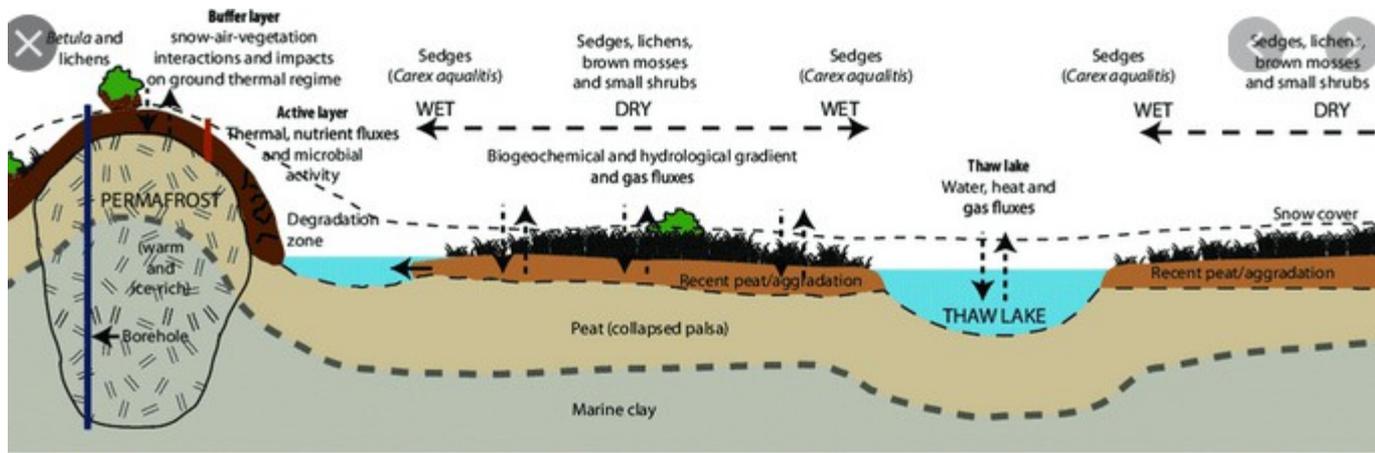
Distribution map of *Larix* taxa in northern Eurasia, also indicating the locations of the 32 investigated populations. The numbers refer to the localities given in Table 1.





272 x 846







Source: International Permafrost Association, 1998. Circumpolar Active-Layer Permafrost System (CAPS), version 1.0.



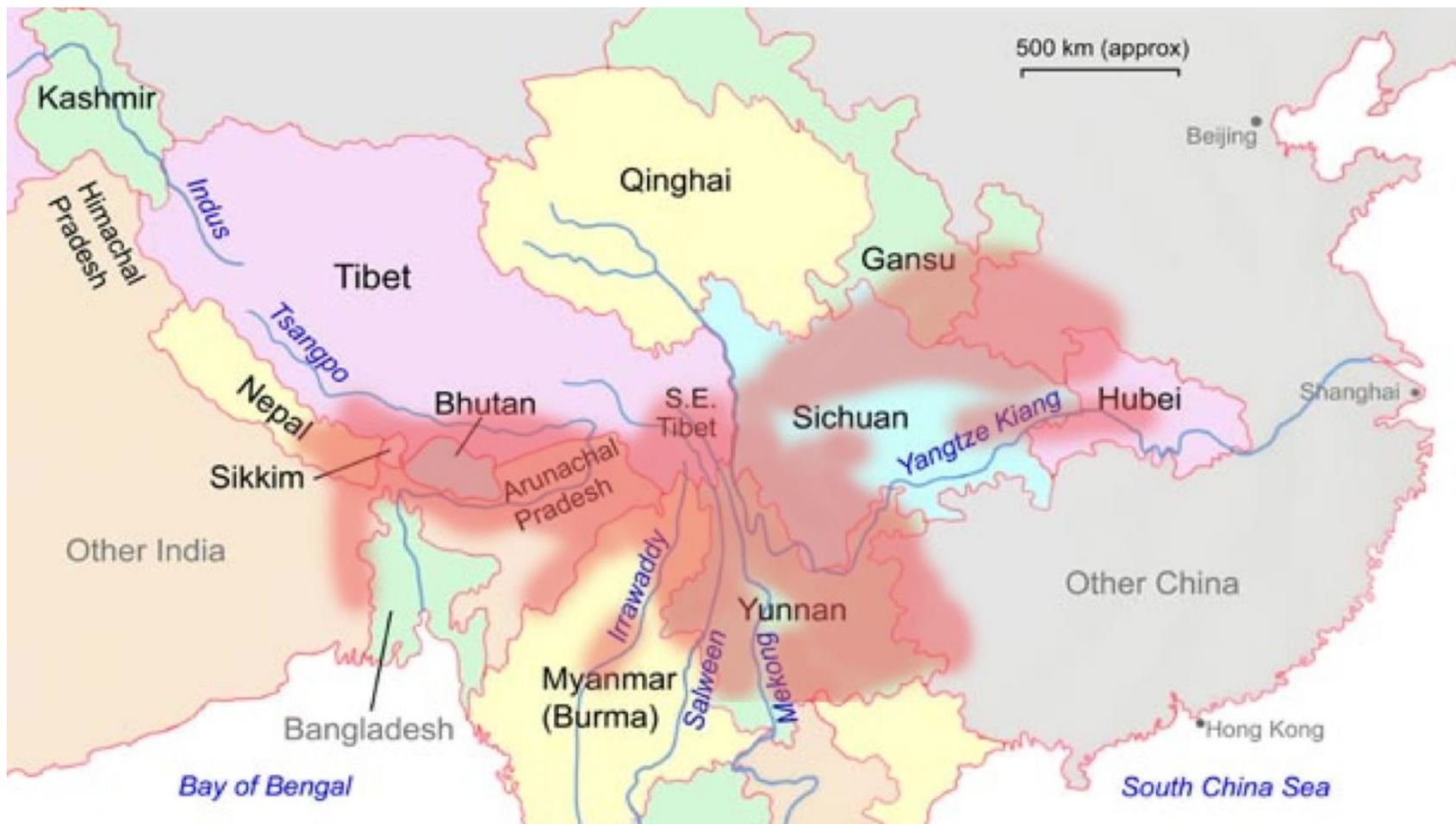


Rhododendron hirsutum (substrati calcarei)

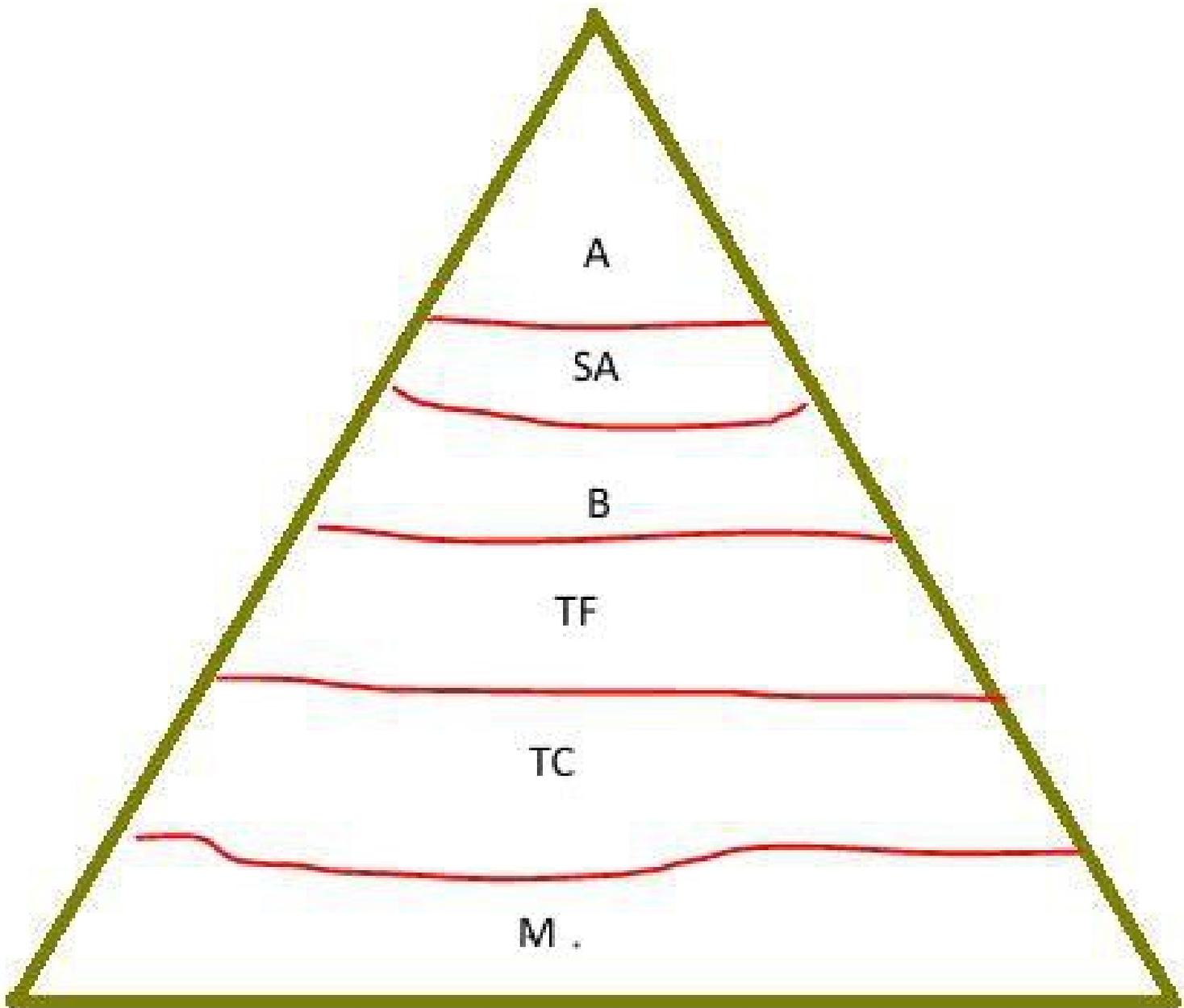


Rhododendron ferrugineum (substrati silicei)

**VICARIANZA ECOLOGICA**







A

SA

B

TF

TC

M .









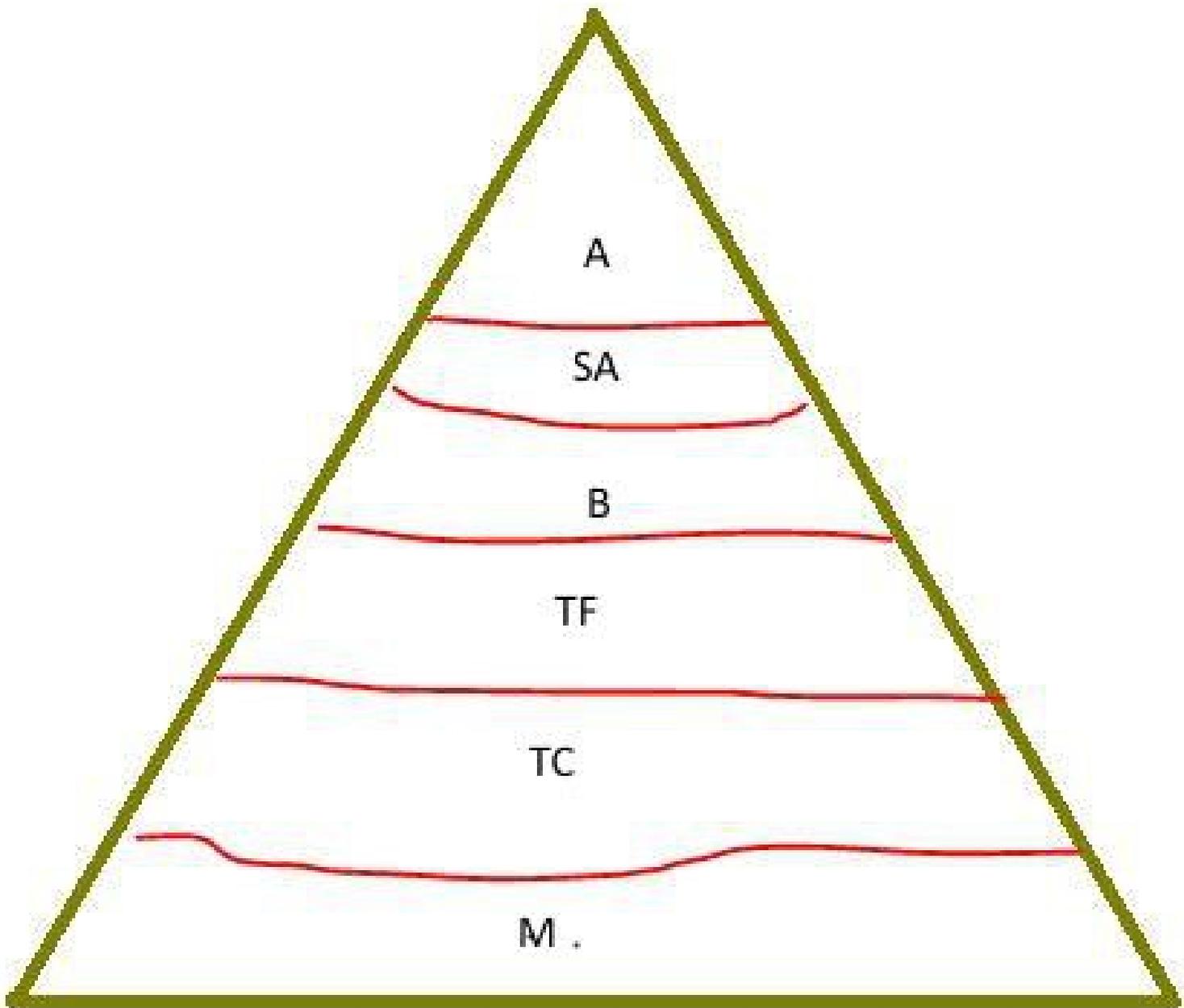




Fig. 10. Joint distribution of the 44 species of subcluster A1. Different shadings indicate percentage classes calculated on the total number of species. Percentage scale as in Fig. 9.







A

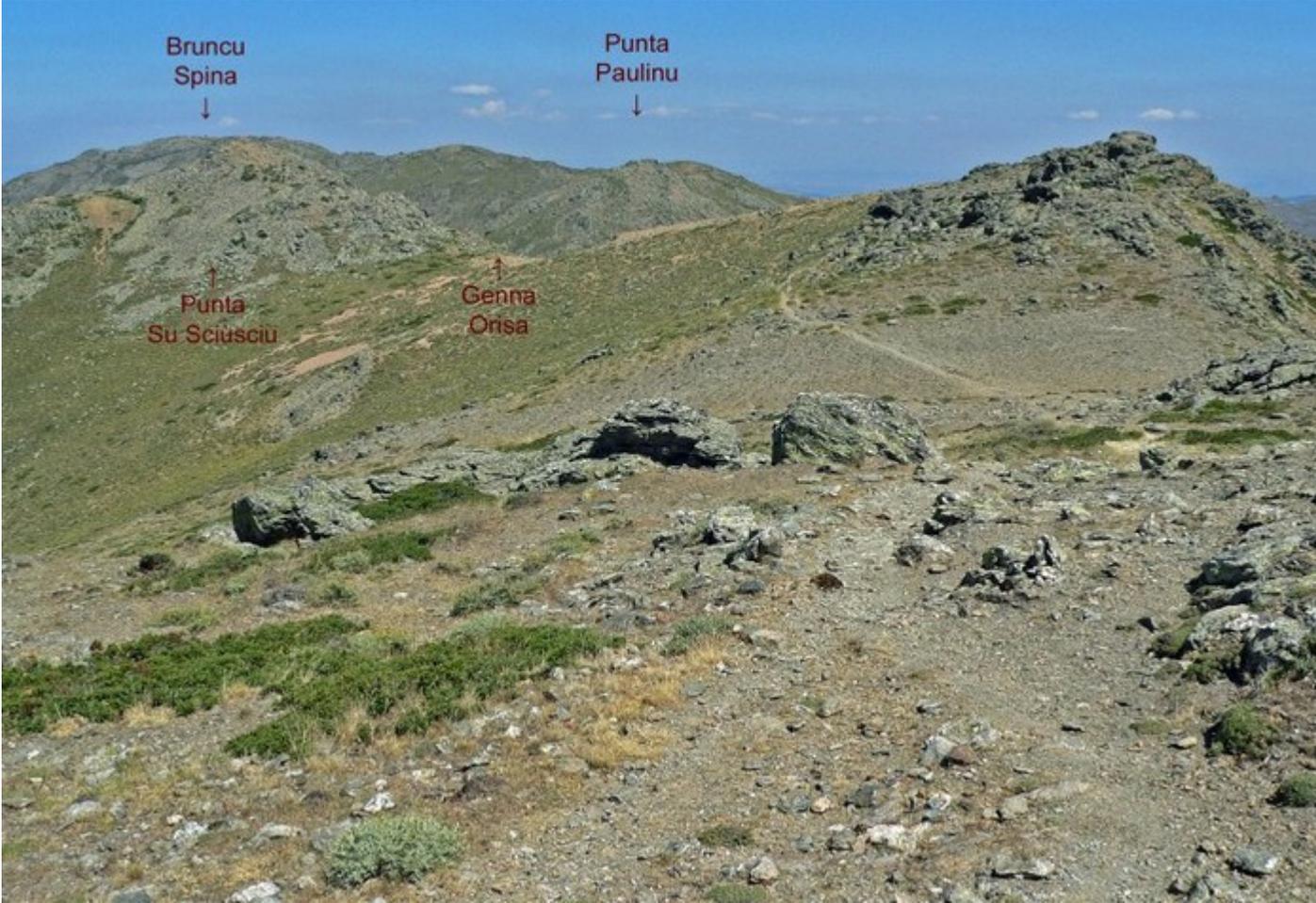
SA

B

TF

TC

M .



Bruncu  
Spina



Punta  
Paulinu



↑  
Punta  
Su Sciùsciu

↑  
Genna  
Orsa



Like Comment Share Tag photo Options

**Fascia oromediterranea (arbusti spinosi emisferici)**



# **THE THORNY-CUSHIONS VEGETATION IN MEDITERRANEAN ITALY. PHYTOGEOGRAPHICAL PROBLEMS**

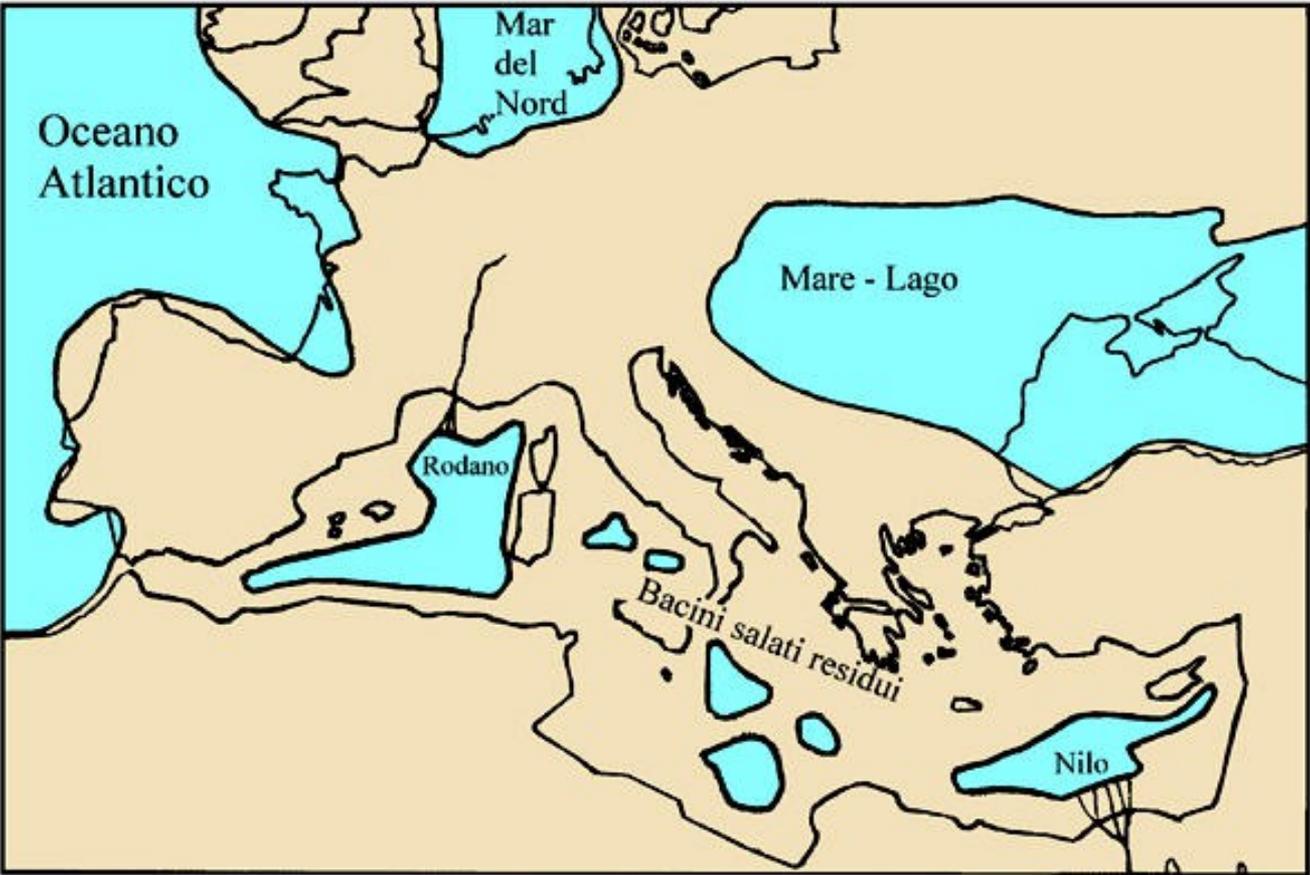
by

**PIER L. NIMIS\***

## **INTRODUCTION**

True thorny-cushions formations include all the associations dominated by thorny — cushion plants with hollow inside (Radialhohlkugelpolster; RAUH, 1940). Such plants are characterized by the following morphological features: acrotonic ramification with hypotony of peripheral branches, presence of thorns derived either from leaves or from branches, early abortion of the main axis, allorhize roots, buds not covered by

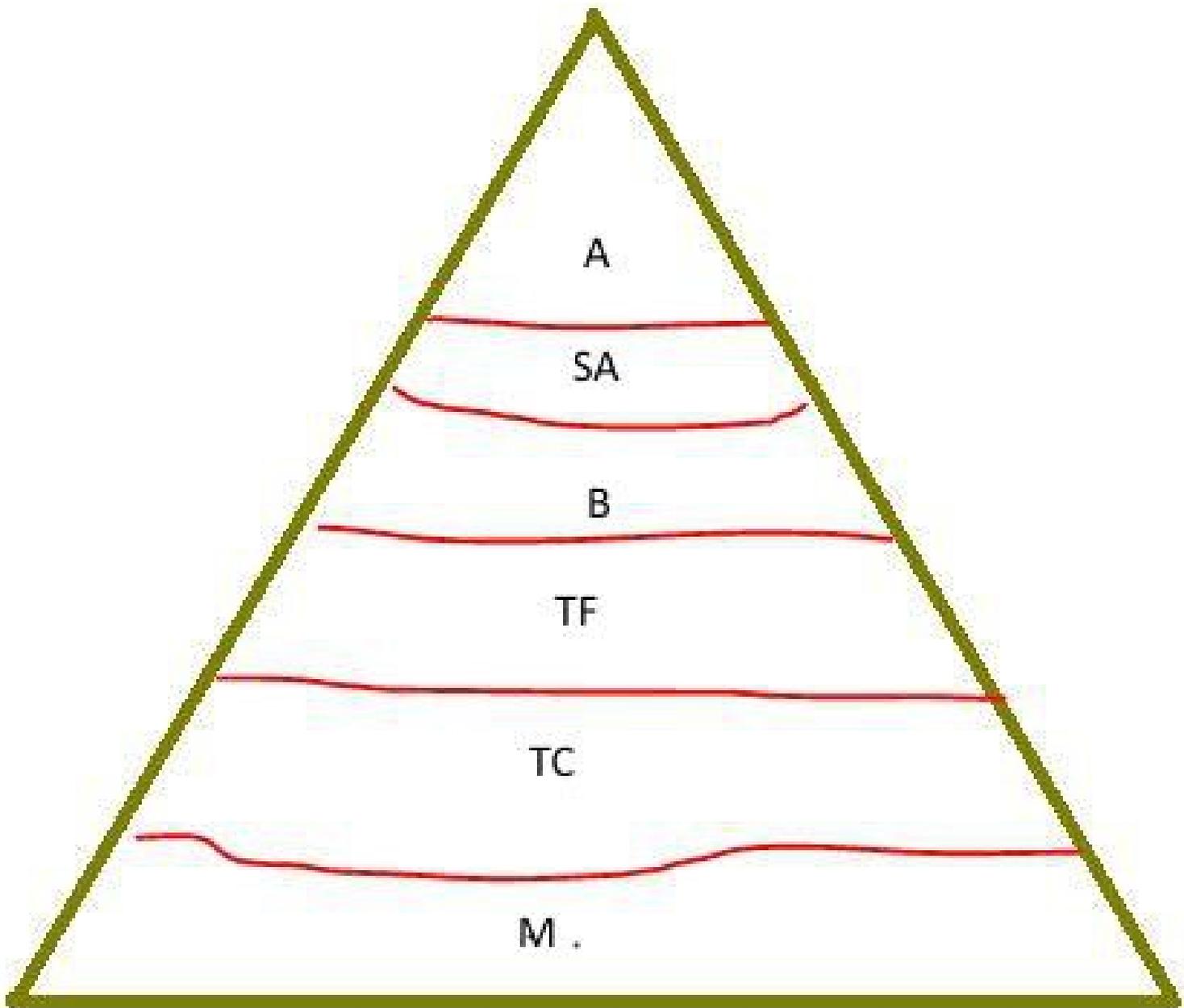












A

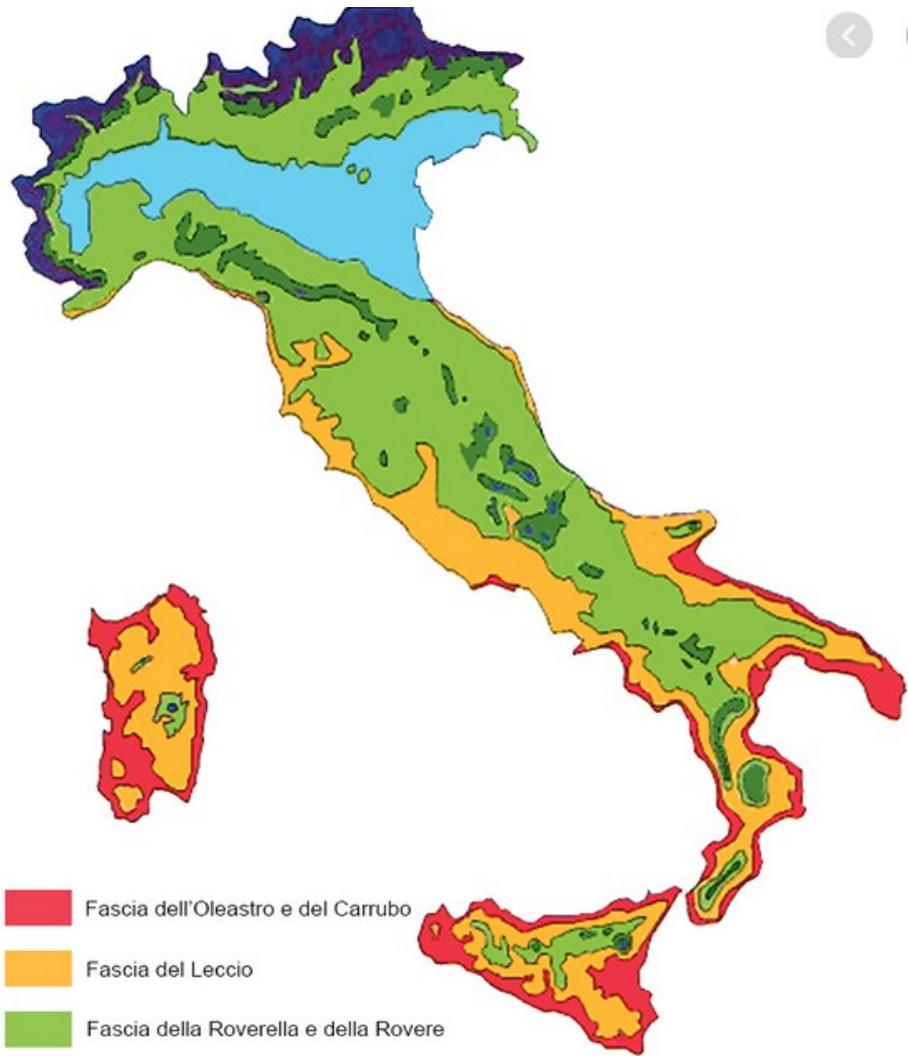
SA

B

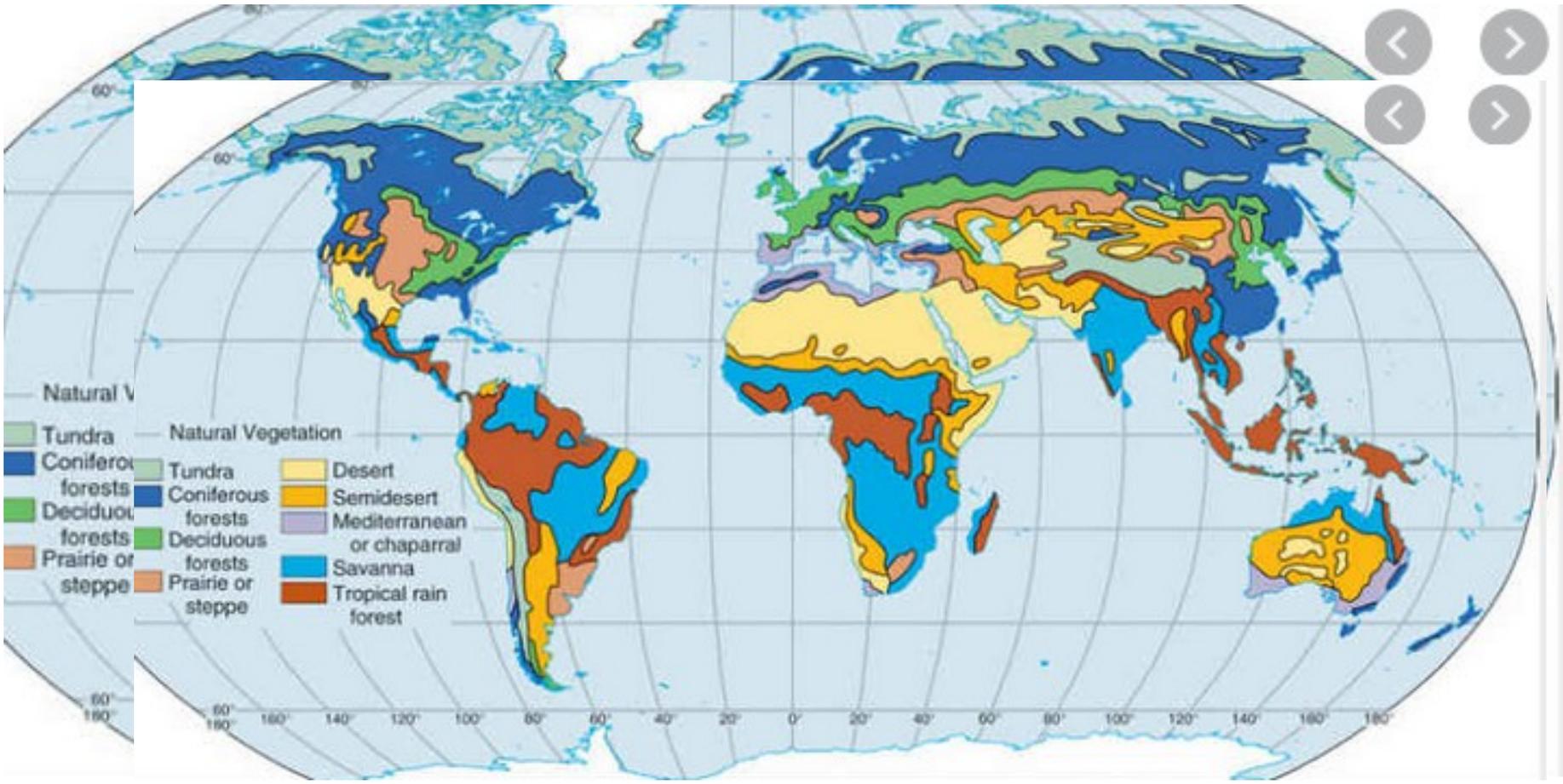
TF

TC

M .



- Fascia dell'Oleastro e del Carrubo
- Fascia del Leccio
- Fascia della Roverella e della Rovere
- Fascia della Farnia, del Carpino e del Frassino
- Fascia del Faggio
- Fascia del Peccio
- Vegetazione al di sopra del limite degli alberi



Natural V  
Tundra  
Coniferous  
forests  
Deciduous  
forests  
Prairie or  
steppe

Natural Vegetation

Tundra  
Coniferous  
forests  
Deciduous  
forests  
Prairie or  
steppe  
Desert  
Semidesert  
Mediterranean  
or chaparral  
Savanna  
Tropical rain  
forest

60° 180° 160° 140° 120° 100° 80° 60° 40° 20° 0° 20° 40° 60° 80° 100° 120° 140° 160° 180°