



INTERPRETATIVE MANUAL OF EUROPEAN RIPARIAN FORESTS AND SHRUBLANDS

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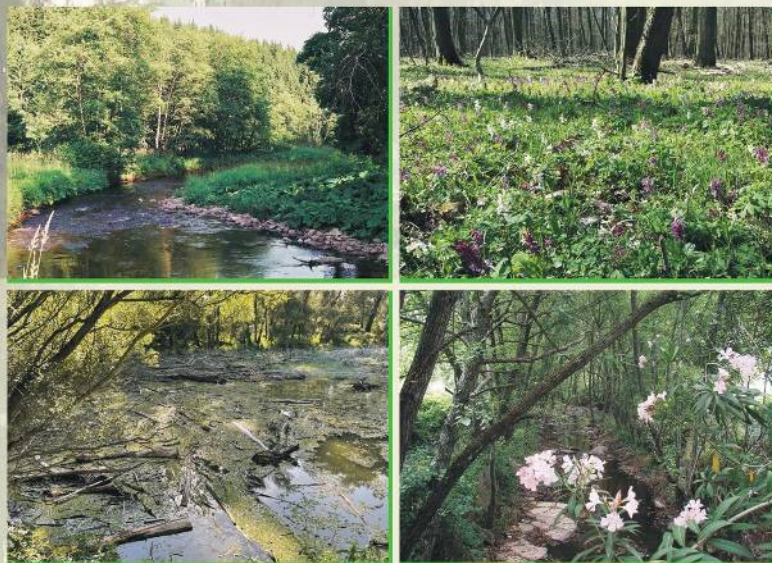
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- riverine gallery and floodplain forests (***Alno glutinosae-Populetea***),
- willow and tamarisk forests and scrub(***Salicetea purpureae***),
- regularly flooded alder carrs and birch wooded mires (***Alnetea glutinosae***),
- scrubby willow carrs (***Franguletea***) and
- circum-Mediterranean and Macaronesian riparian scrub (***Nerio-Tamaricetea***).

Alno glutinosae-Populetea albae P. Fukarek et Fabijanić 1968

Riparian gallery forests of the Eurosiberian and Mediterranean regions

Further division of this group shows that these forests appear in two biogeographical regions:

Populeta lia albae Br.-Bl. ex Tchou Yen-Tcheng 1949 presents Mediterranean

- and sub-Mediterranean gallery and floodplain forests,

Forests from temperate and boreal regions are classified within ***Alno-Fraxineta lia excelsioris*** Passarge 1968.

***Populetaia albae* Br.-Bl. ex Tchou 1949 nom. conserv. propos.**
Mediterranean and sub-Mediterranean riparian gallery forests

- *Populion albae* Br.-Bl. ex Tchou 1949 Riparian edaphohygrophilous forests in the western Mediterranean
- *Osmundo-Alnion glutinosae* (Br.-Bl. et al. 1956) Dierschke et Rivas-Mart. in Rivas-Mart. 1975

Floodplain forests of the western (Atlantic) half of the Iberian Peninsula

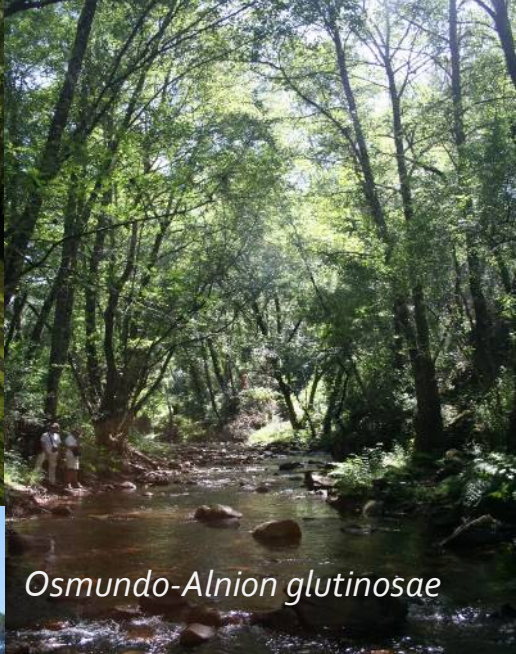
- *Rhododendro pontici-Prunion lusitanicae* Pérez Latorre, Galán de Mera et Cabezudo in Pérez Latorre et al. 1999

Floodplain forests with relict laurisilva elements of the Iberian Peninsula and NW Africa

- *Platanion orientalis* I. Kárpáti et V. Kárpáti 1961 – *Platanus* riparian gallery forests of the eastern Mediterranean
- *Lauro nobilis-Fraxinion angustifoliae* I. Kárpáti et V. Kárpáti 1961- Floodplain forests of the coastal regions in the eastern Mediterranean



Populion albae



Osmundo-Alnion glutinosae



Rhododendro pontici-Prunion lusitanicae



Platanion orientalis



Lauro nobilis-Fraxinion angustifoliae

***Alno-Fraxinetalia excelsioris* Passarge 1968**

Floodplain riparian forests on nutrient-rich alluvial soils of temperate and boreal Europe

- *Alnion incanae* Pawłowski et al. 1928 - European nemoral and boreal floodplain forests
- *Hyperico androsaemi-Alnion glutinosae* (Amigo et al. 1987) Biurrun et al. 2016 - Cantabrian floodplain forests
- *Fraxino-Quercion roboris* Passarge 1968 - Elm-ash and oak riparian floodplain forests on nutrient-rich brown soils in the nemoral zone of Europe
- *Alno-Quercion roboris* Horvat 1950 - Alder-oak riparian floodplain forests on nutrient-rich alluvial soils of the temperate regions of the Balkan Peninsula and western Euxine of Turkey
- *Poo angustifoliae-Ulmion laevis* Golub in Golub et Kuzmina 1997 - Oak-elm riparian floodplain forests on nutrient-rich alluvial soils in the steppe zone of southern Russia



Alnion incanae



Fraxino-Quercion roboris



Alno-Quercion roboris

AZONAL VEGETATION

ALLUVIAL FORESTS AND SCRUB

- ***Salicetea purpureae*** Moor 1958

Willow and tamarisk scrub and low open forests of riparian habitats in the temperate to arctic zones of Europe

- ***Salicetalia purpureae*** Moor 1958

Willow scrub and low open forests of riparian habitats in the temperate to arctic zones of Europe

- ***Tamaricetalia ramosissimae*** Borza et Bosşcaiu ex Dolţu et al. 1980
- Tamarisk riverine scrub of the lowland rivers of the Balkan Peninsula and the Sarmatian region of Southern ukraine and Russia
- *Tamaricion parviflorae* I. Kárpáti et V. Kárpáti 1961
- Tamarisk riverine scrub on coarse gravelly soils on lowland river banks of the western regions of the Balkan Peninsula

- ***Salicetalia purpureae*** Moor 1958 - Willow scrub and low open forests of riparian habitats in the temperate to arctic zones of Europe





Tamaricion parviflorae

AZONAL VEGETATION SWAMP FORESTS AND SCBIP



Alnion glutinosae

AZONAL VEGETATION SWAMP FORESTS AND SCRUB



INTRAZONAL MEDITERRANEAN SCRUB

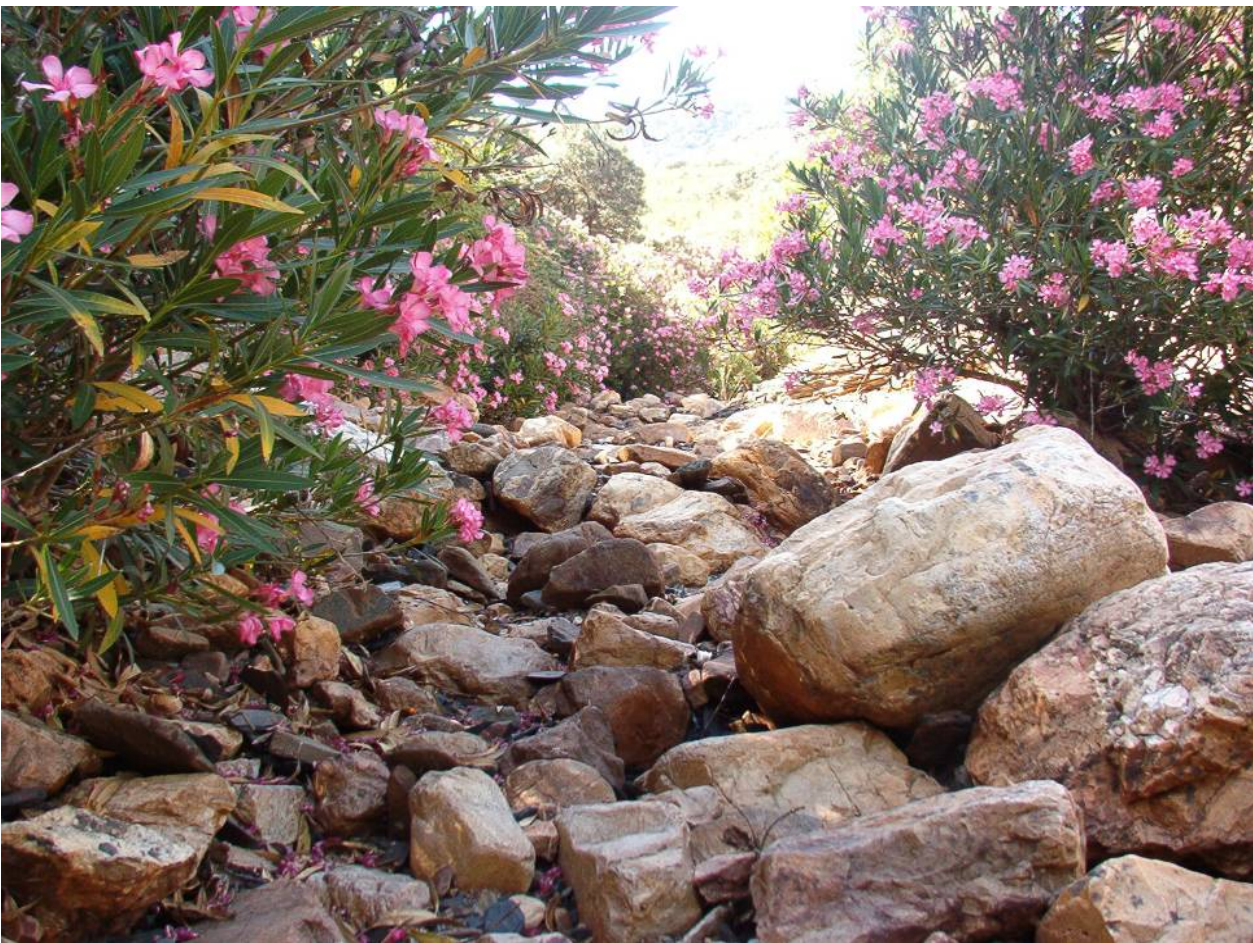
Tamaricion africanae



Tamaricion boveano-canariensis



INTRAZONAL MEDITERRANEAN SCRUB



Rubo ulmifolii-Nerion oleandri



Securinegion tinctoriae

INTRAZONAL MEDITERRANEAN SCRUB



Tamaricion dalmaticae





Thank you
for your attention