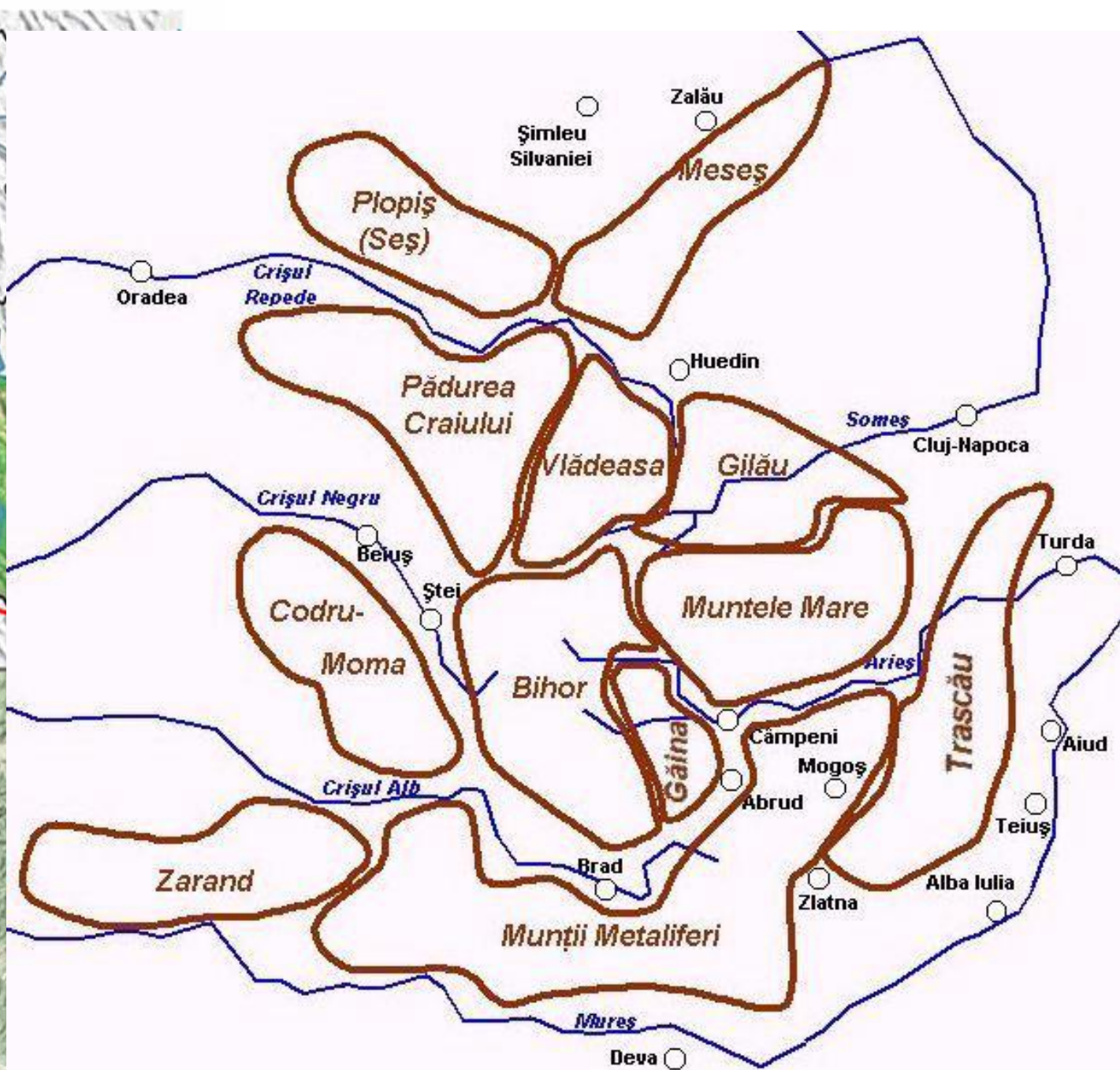
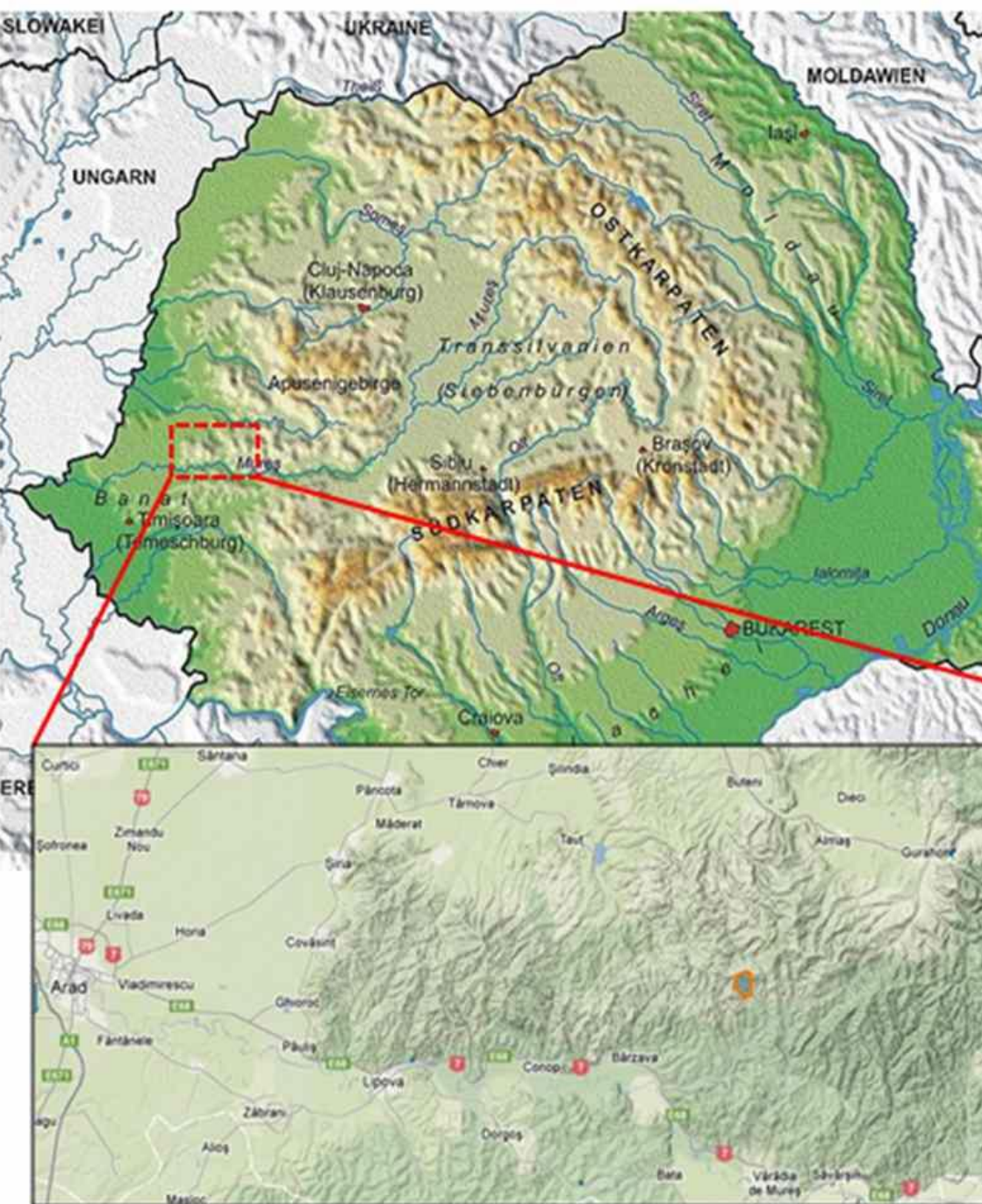




Zarándi-hg., 150 – 836 m (Drocea)

Klíma: 150-500 m, 10-11 fok, 600 mm - 500-700 m, 8-9 fok, 750 mm - 700 m felett, 8-9 fok, 900 mm

Bükkösök, illír-szubmediterrán jelleggel, 9130-91K0

Aremonia agrimonioides, Festuca drymeia.

Anemone nemorosa, Asarum europaeum, Galium odoratum, Athyrium filix-femina, Circaea lutetiana, Dryopteris filix-mas, Euphorbia amygdaloides, **Helleborus purpurascens**, **Hepatica nobilis**, Galeobdolon luteum, Oxalis acetosella, Pulmonaria officinalis, Salvia glutinosa, Sanicula europaea, Viola reichenbachiana, Polystichum aculeatum

Gyertyános-tölgyesek, ezüsthársasok, 9160-9170-91L0-91Y0 / 91Z0

GY, KTT, CST, MAT, EH, NH, KJ, MJ, MCS, B

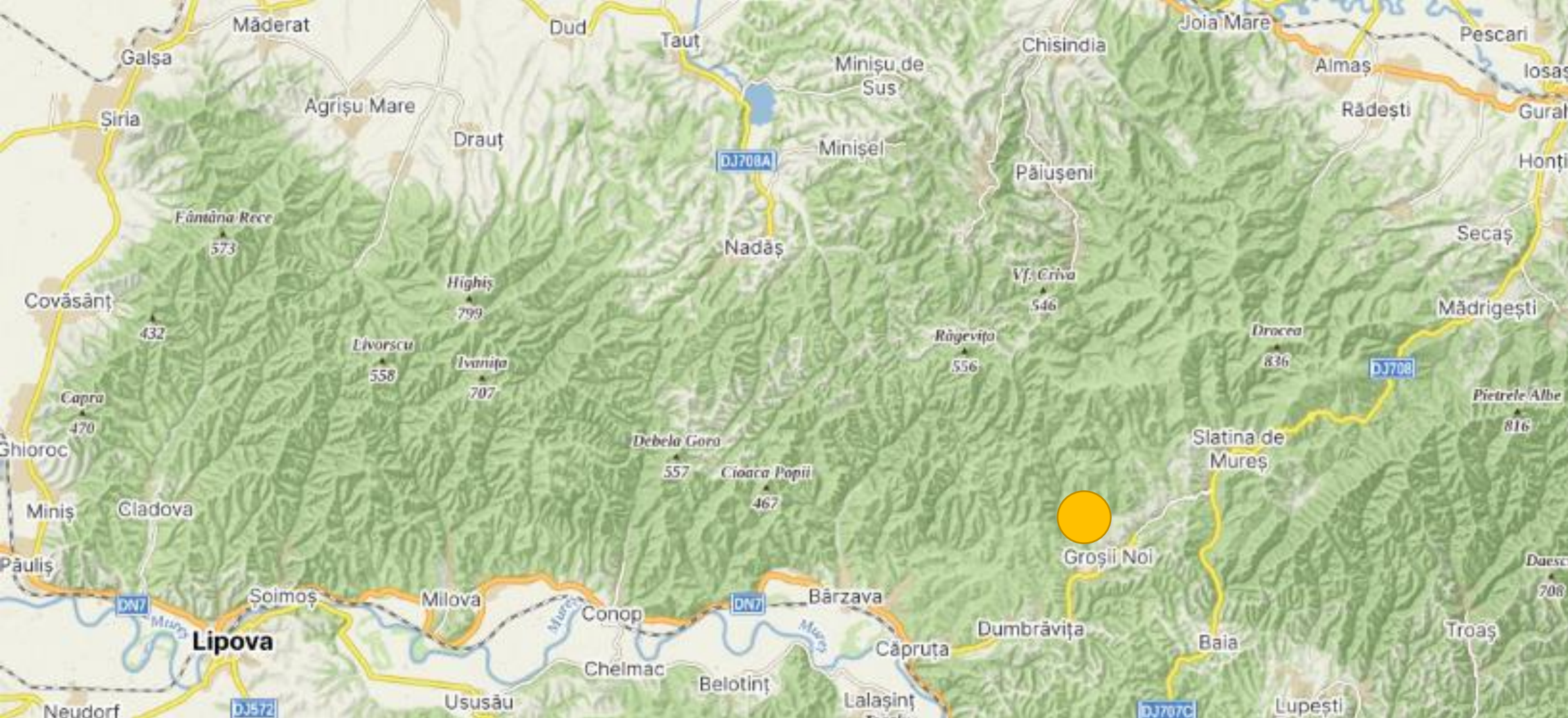
Vinca minor, Carex pilosa, Festuca drymeia, Ajuga reptans, Galeobdolon luteum, Luzula forsteri, Melica uniflora, Stellaria holostea, Carpesium cernuum, Dentaria bulbifera, Galium schultesii, Festuca heterophylla, Ranunculus auricomus; Ranunculus ficaria, Poa nemoralis, Scilla bifolia, Knautia drymeia;

Aposeris foetida, **Potentilla micrantha**, **Helleborus odorus**, **Erythronium dens-canis**, **Asperula taurina**, **Lathyrus venetus**, **Primula vulgaris**, **Ruscus aculeatus**, **R. hypoglossum**, **Tamus communis**.

Félszáraz tölgyesek, 91M0

CST, MAT, KTT, MJ, TJ, EH, BABE

Melica uniflora, Poa nemoralis, **Potentilla micrantha**, Glechoma hirsuta, Clinopodium vulgare, Cruciata glabra, Lathyrus niger, **L. venetus**, **Luzula forsteri**, **Melampyrum bihariense**, Silene viridiflora, Lychnis viscaria, L. coronaria, Polygonatum latifolium, P. odoratum, Pulmonaria mollis, **Ruscus aculeatus**, Melittis melissophyllum, Tanacetum corymbosum, Lithospermum purpureocoeruleum, Veronica officinalis, Helleborus odorus;



262 ha / 32 ha; 350-620 m, 8-9 fok, 750-925 mm;

Petritan, AM., Biris, I.A., Merce, O., Turcu, D.O., Petritan, I.C., 2012. **Structure and diversity** of a natural temperate sessile oak (*Quercus petraea* L.) – European Beech (*Fagus sylvatica* L.) forest. *Forest Ecology and Management*, 280, 140-149.

Merce, O., Turcu, D.O., Cantar, I., 2012. The structure of a natural mixed beech – sessile oak forest in Runcu Grosi Natural Reserve. *JOURNAL of Horticulture, Forestry and Biotechnology*, 16, 131-138.

Petritan, AM., Nuske, R.S., Petritan, I.C., Tudose, N.C., 2013. **Gap disturbance patterns** in an old-growth sessile oak (*Quercus petraea* L.)–European beech (*Fagus sylvatica* L.) forest remnant in the Carpathian Mountains, Romania. *Forest Ecology and Management*, 308, 67–75.

Petritan, I.C., Marzano, R., Petritan, AM., Lingua, E., 2014. **Overstory succession** in a mixed *Quercus petraea*–*Fagus sylvatica* old growth forest revealed through the spatial pattern of competition and mortality. *Forest Ecology and Management*, 326, 9-17.

Merce, O., 2015. Characteristics of the seedlings layer from the “Runcu - Groși” Nature Reserve. *JOURNAL of Horticulture, Forestry and Biotechnology*, 19, 140-145.

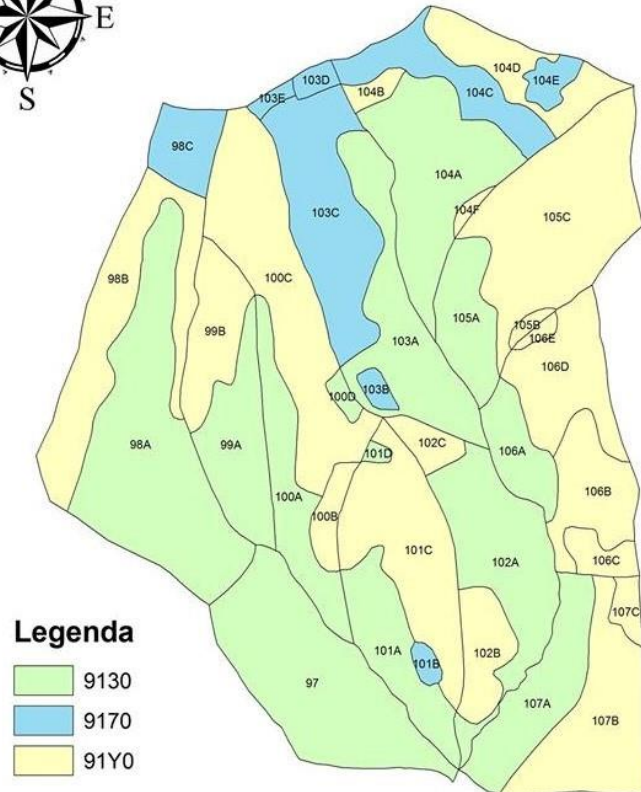
Petritan, AM., Bouriaud, O., Frank, D.C., Petritan, I.C., 2016. Dendroecological reconstruction of **disturbance history** of an old-growth mixed sessile oak–beech forest. *Journal of Vegetation Science*, 12460.

Merce, O., Turcu, D.O., 2016. Natura 2000 forest habitats of the "Runcu-Groși" Nature Reserve. *JOURNAL of Horticulture, Forestry and Biotechnology*, 20, 140-144.

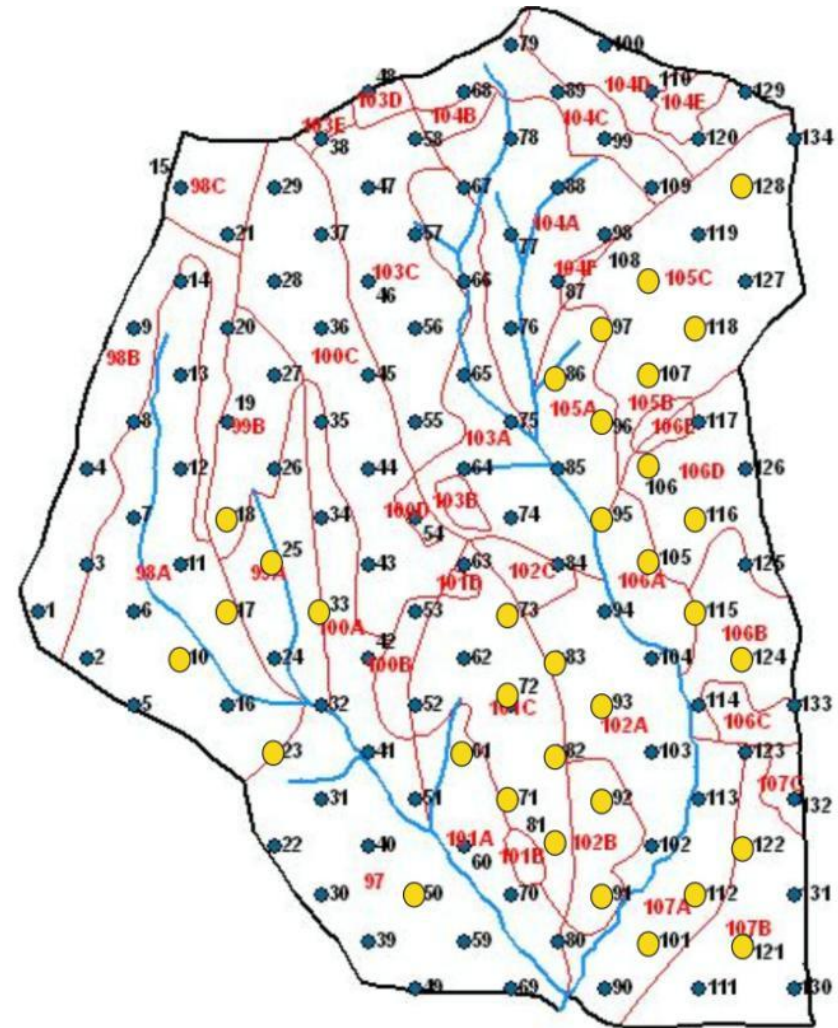
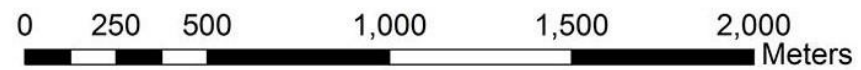
Dölle, M., Petritan, AM., Biris, I.A., Petritan, I.C., 2017. Relations between tree canopy composition and understorey vegetation in a European beech-sessile oak old growth forest in Western Romania. *Biologia* 72, 1422-1430.

Vasile, D., Petritan, AM., Tudose, N.C., Toiu, F.L., Scarlatescu, V., Petritan, I.C., 2017. Structure and Spatial Distribution of **Dead Wood** in Two Temperate Old-Growth Mixed European Beech Forests. *Not Bot Horti Agrobo*, 2017, 45(2):639-645.

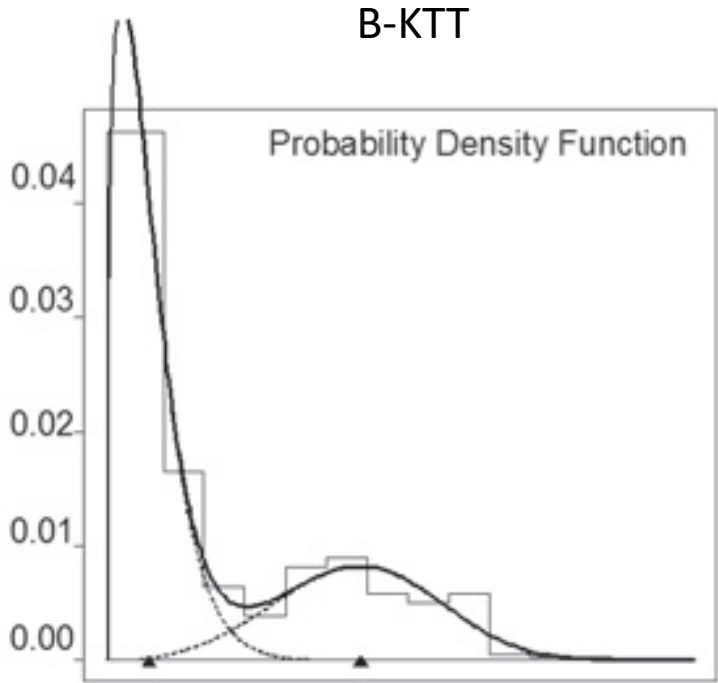
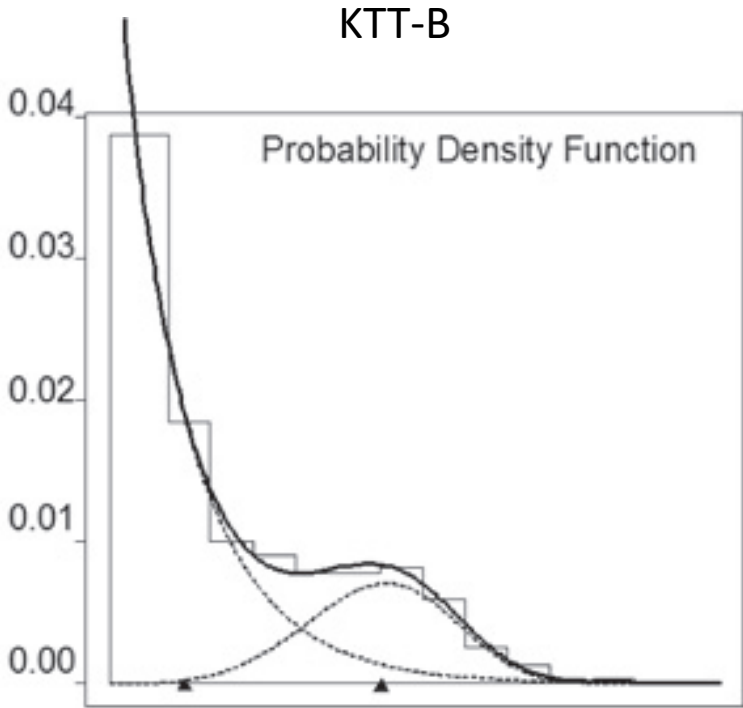
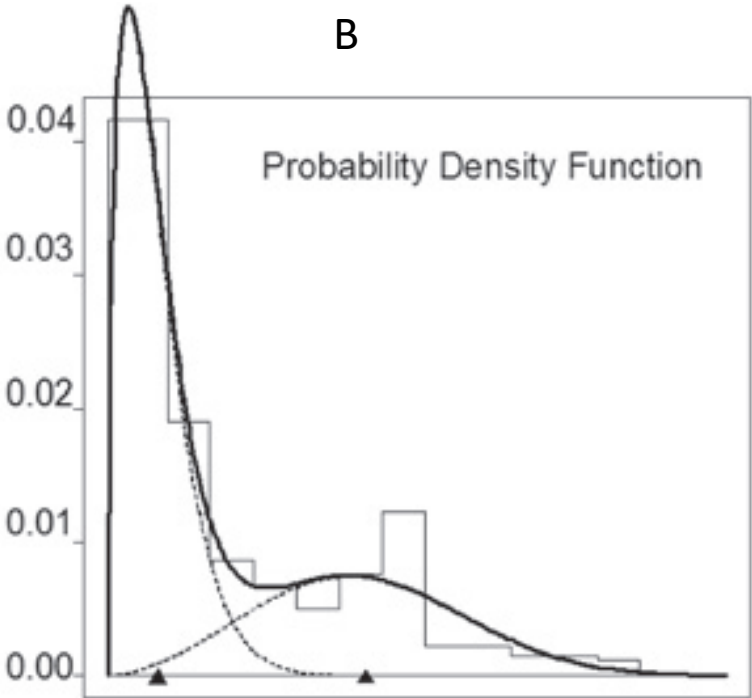
Tudose, N.C., Petritan, I.C., Toiu, F.L., Petritan, AM., Marin, M., 2023. Relation between Topography and Gap Characteristics in a Mixed Sessile Oak–Beech Old-Growth Forest. *Forests*, 14, 188.

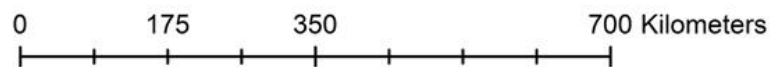


Legenda

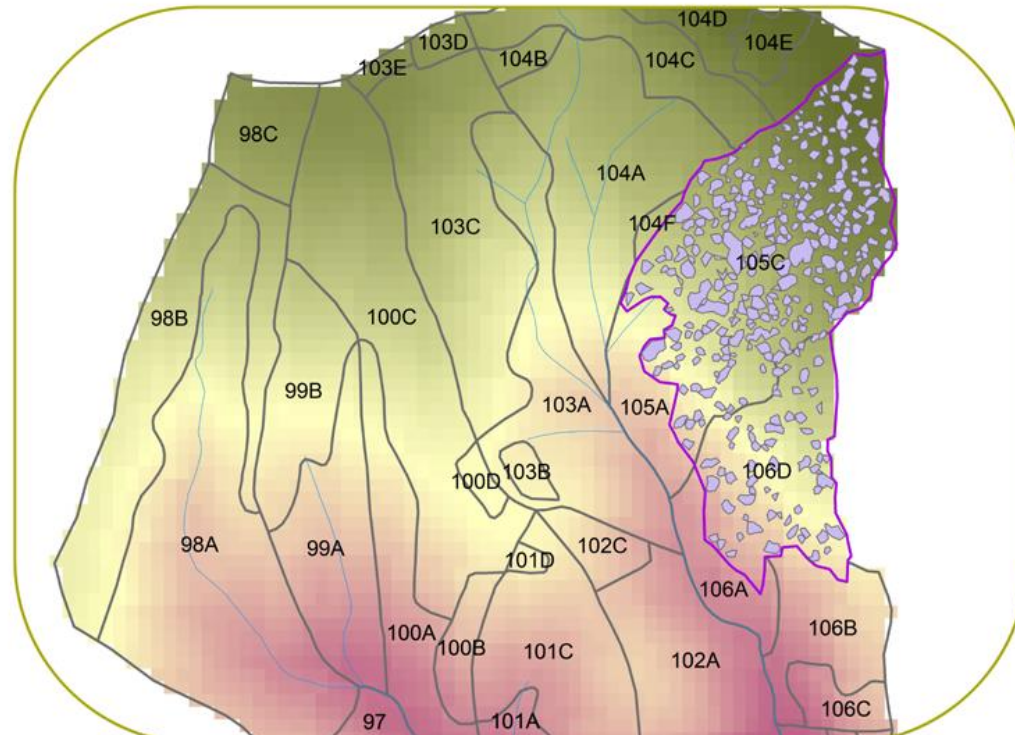
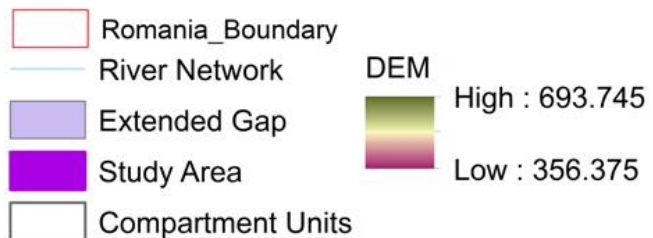


		B	KTT-B	B-KTT
N, db/ha		499	487	713
DBH max., cm		98	102	89
Max. H, m		44	51	43
TDW, m3/ha		75	135	134
Regeneration, db/ha	B	24500	17800	3800
	KTT		1500	5500
	Total	25000	20000	10000





Legend



321 db lék, 10 db/ha
 60% <100 m²
 34% 100-300 m²
 2% >500 m²