AGENTURA OCHRANY PŘÍRODY A KRAJINY ČESKÉ REPUBLIKY

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Status of 91F0 and 91I0 habitats in the Czech Republic

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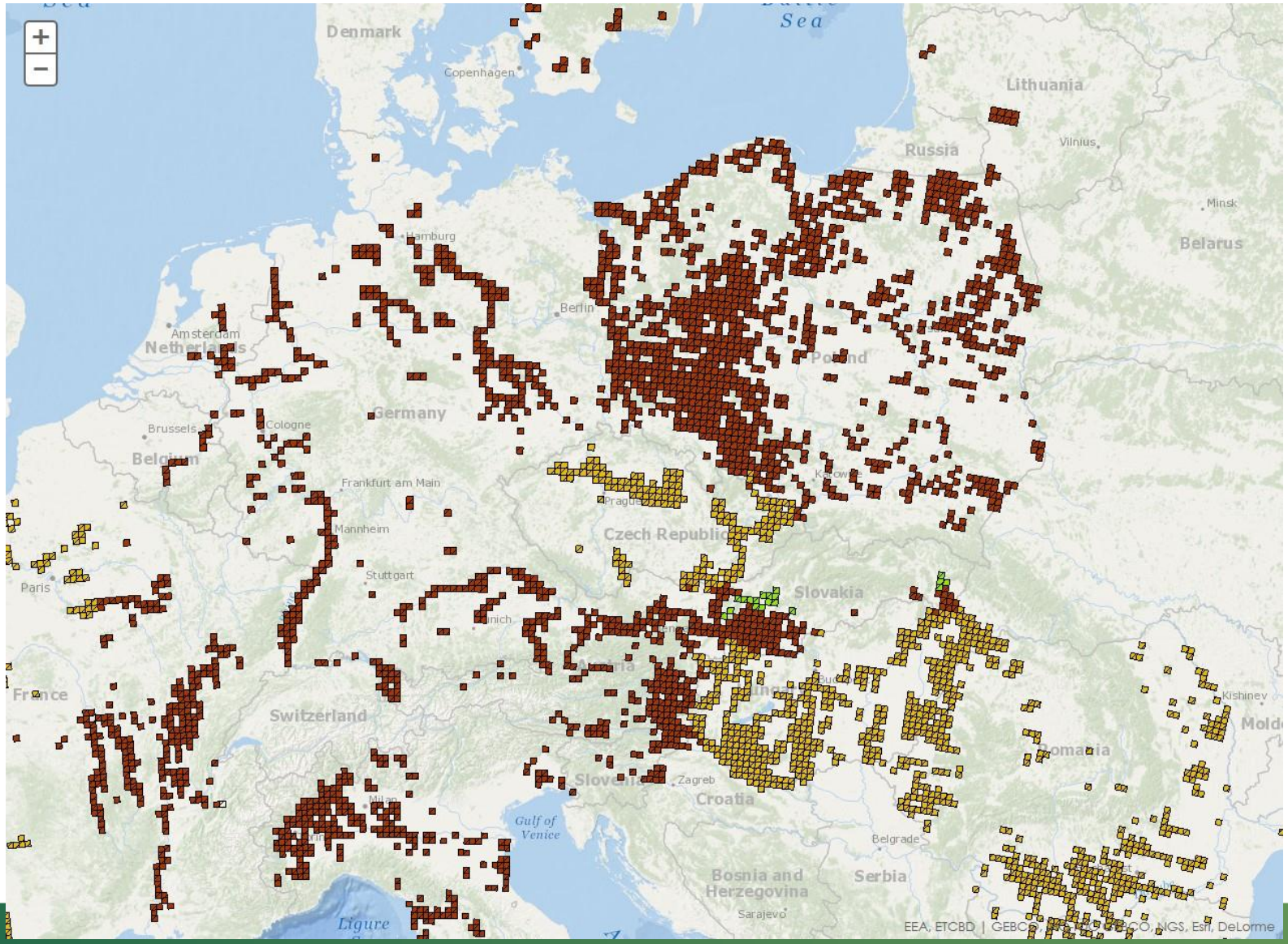
AOPK ČR

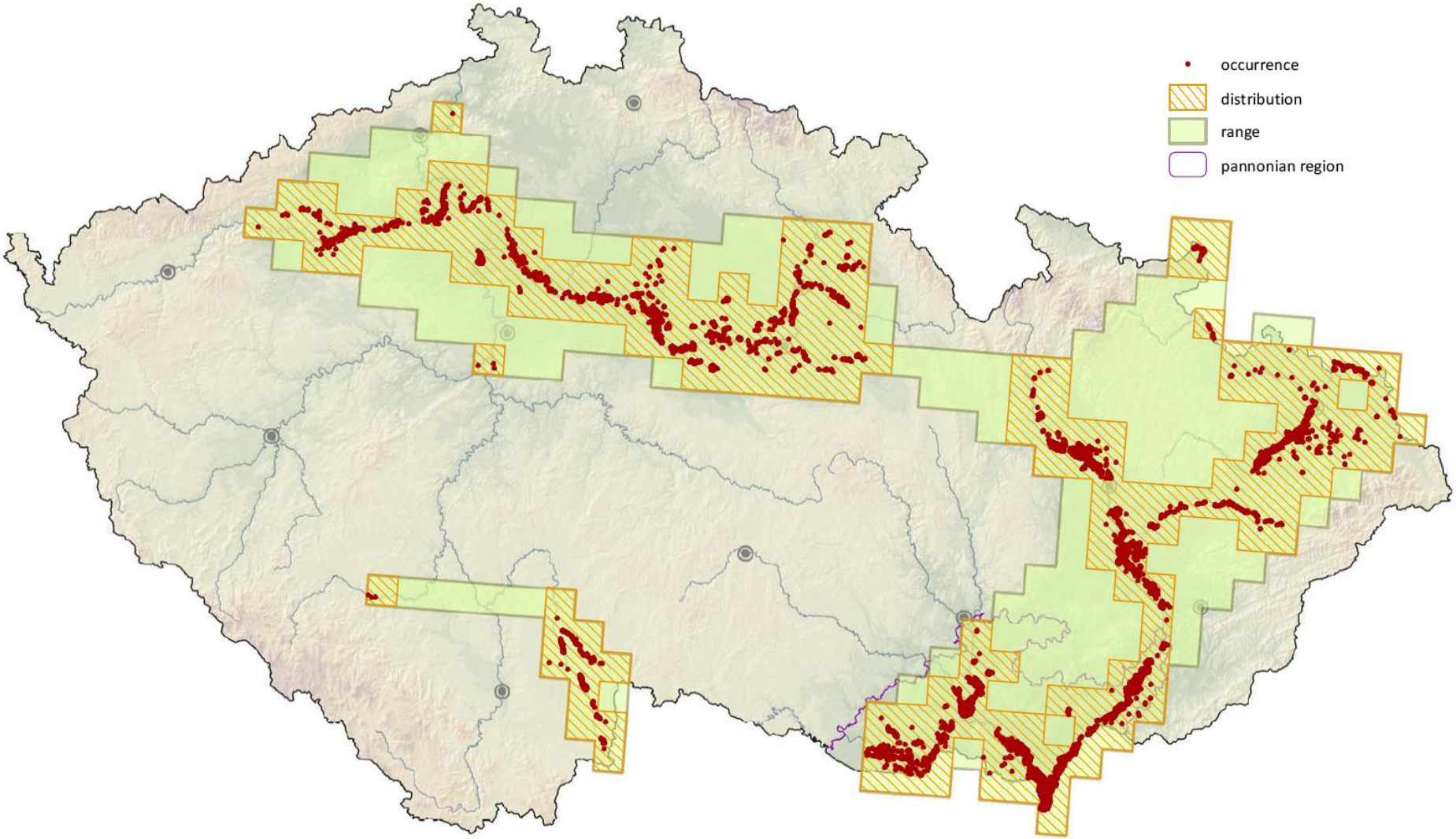
91F0

Riparian mixed forests of Quercus robur, Ulmus laevis and U. minor, Fraxinus excelsior or F. angustifolia



91F0

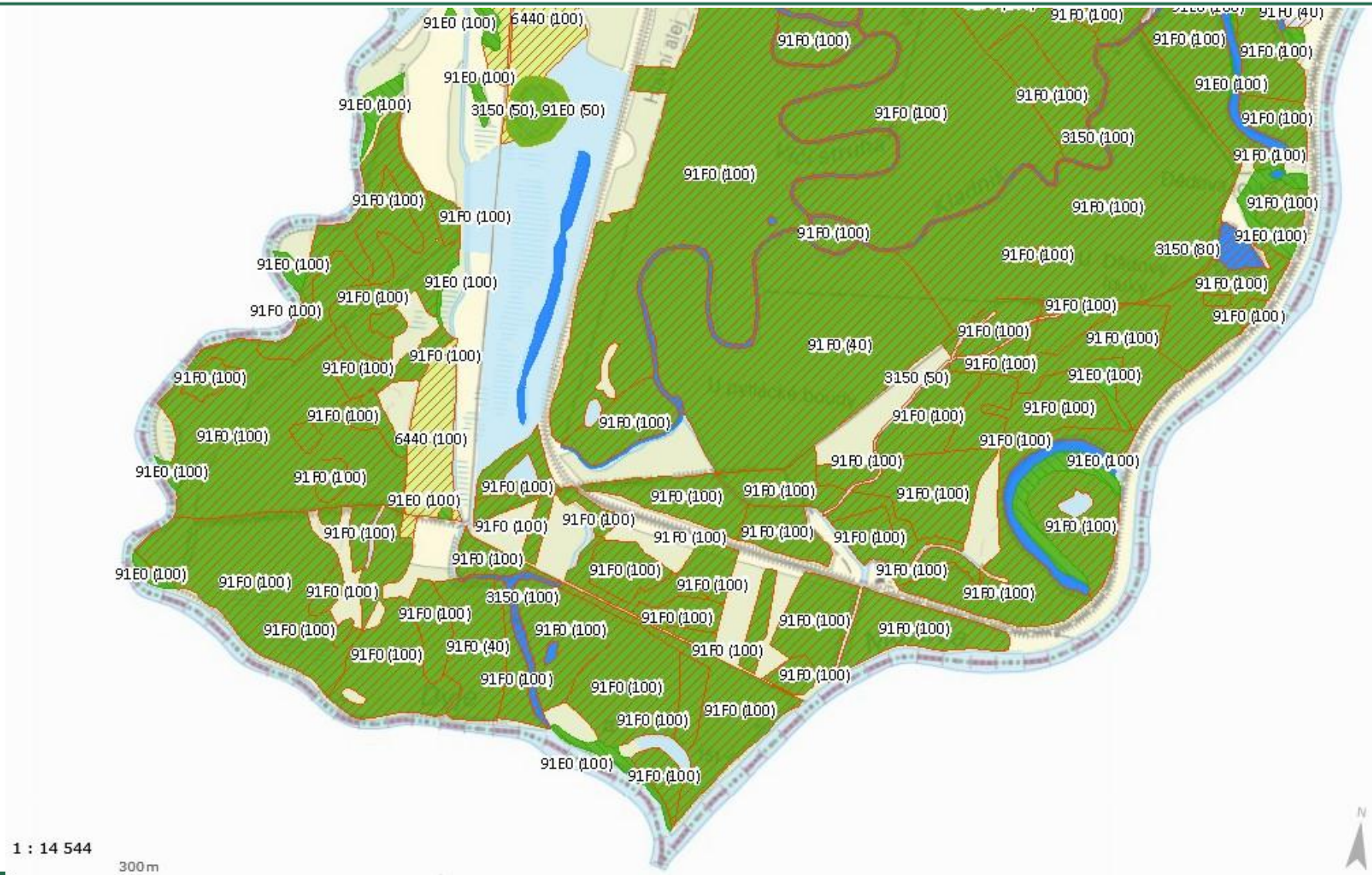
Range, distribution and occurrence of habitat 91F0 - Riparian mixed forest of *Quercus robur*, *Ulmus laevis* and *Ulmus minor*, *Fraxinus excelsior* or *Fraxinus angustifolia* along the great rivers (*Ulmenion minoris*)



0 50 100 150 200 km

91F0

Riparian mixed forests of Quercus robur, Ulmus laevis and U. minor, Fraxinus excelsior or F. angustifolia



91F0

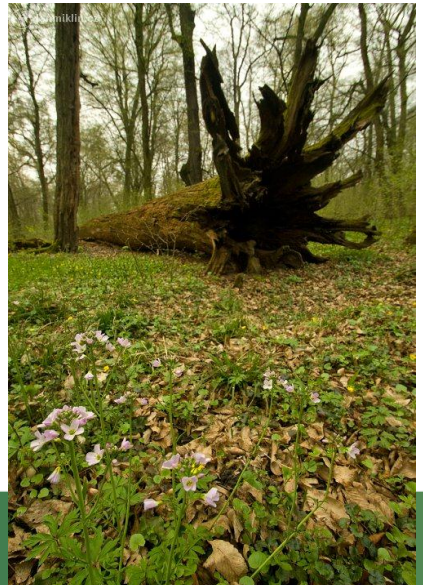
Riparian mixed forests of Quercus robur, Ulmus laevis and U. minor, Fraxinus excelsior or F. angustifolia

Ulmenion minoris

Biotopes

L 2.3 A and B Hardwood forests of lowland rivers (*Querco-Populetum, Querco-Ulmetum, Fraxino-Populetum*)

- species rich habitat (trees/shrubs/herbs)
- dependent on forest management (sparse tree vegetation) – cutting wood
- dependent on natural water regime, underground water level, floods



91F0

Riparian mixed forests of Quercus robur, Ulmus laevis and U. minor, Fraxinus excelsior or F. angustifolia

Threats

- inappropriate forest management (tree species composition, monocultures)
- historical regulation of rivers and brooks (elimination of natural floods)
- agriculture - soil draining
- invasive species

Conservation objectives

- ensuring natural water regime (revitalisation or improvement), floodding
- support natural tree species composition: ash, poplar (*Populus nigra, P. alba*), maple, hornbeam, lime
- appropriate forest management (low and medium forest, maintain diversity of age in tree population, optimal vertical structure, prevent mass logging on the river banks)
- elimination of invasive tree species and expansive species
- elimination of no native poplar tree species
- elimination of game populations

91F0

Riparian mixed forests of Quercus robur, Ulmus laevis and U. minor, Fraxinus excelsior or F. angustifolia

2007

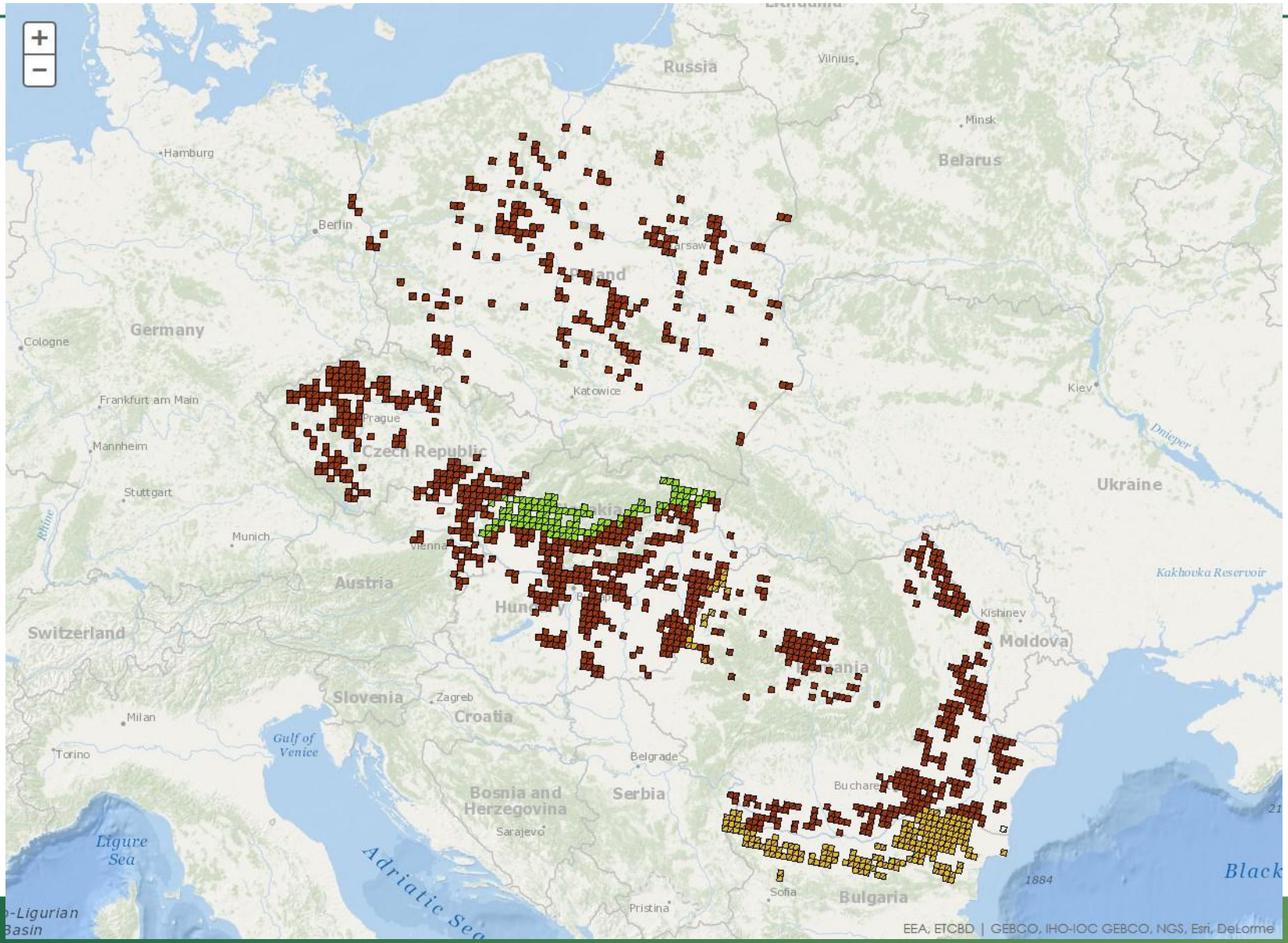
MS	Reg	Range (km²)				Area				Struct & func.	Future prosp.	Overall asses.	Areas from gridded maps(km²)				Quality	
		Surface	% MS	Trend	Ref.	Surface	% MS	Trend	Ref.				Range	% MS	Distrib.	% MS	Range	Area
CZ	CON	7015.42	1.9	=	7015.42	131.69	16.1	=	131.69	U2	U1	U2	16900	9.5	13200	13.5	G (12/2006)	G (12/2006)
CZ	PAN	1644.89	5.4	=	1644.89	111.73	23.3	=	111.73	U2	FV	U2	3900	5.5	3200	4.6	G (12/2006)	G (12/2006)

2013

MS	Reg	Range (km²)				Area				Struct & func.	Future prosp.	Overall asses.				Areas from gridded maps(km²)			
		Surface	% MS	Trend	Ref.	Surface	% MS	Trend	Ref.			Curr. CS	Qualifier	Prev. CS	Nat. of ch.	Range	% MS	Distrib.	% MS
CZ	CON	27400	6.2	x	≈27400	118.17	7.5	0	≈118.17	U1		U1	-	U2	b1	25500	5.1	14000	5.7
CZ	PAN	5100	8.2	x	≈5100	90.64	13.2	x	≈90.64	U1		U1	-	U2	b1	3200	5.1	2400	4.1

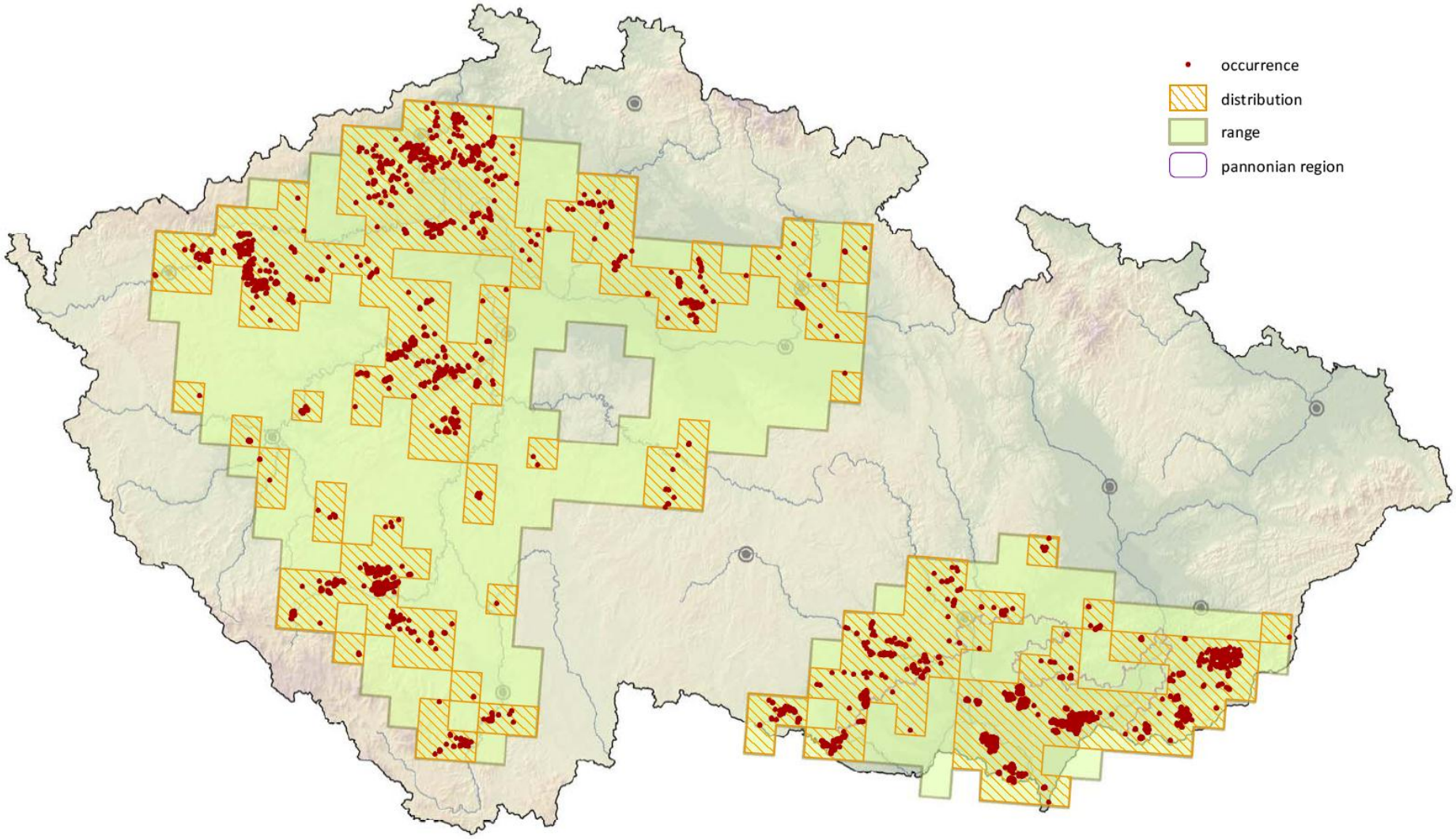
91I0

Euro-Siberian steppic woods with Quercus spp.



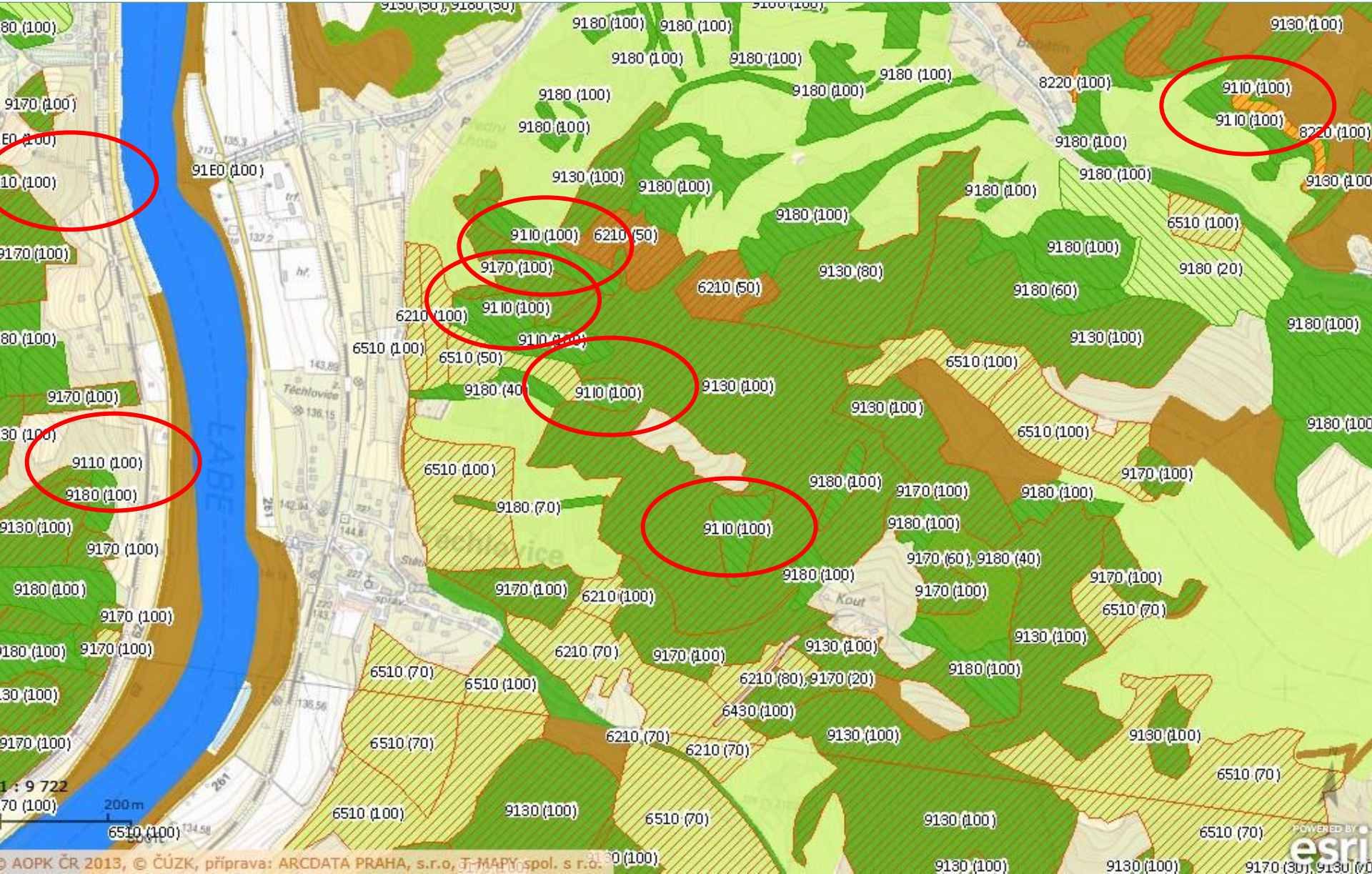
91I0

Range, distribution and occurrence of habitat 91I0 - Euro-Siberian steppic woods with *Quercus* spp.



91I0

Euro-Siberian steppic woods with Quercus spp.



91I0
Euro-Siberian steppic woods with Quercus spp.

Biotopes

L 6.2 Pannonian thermophilous oak forests on loess
(*Quercetum pubescenti-roboris*)

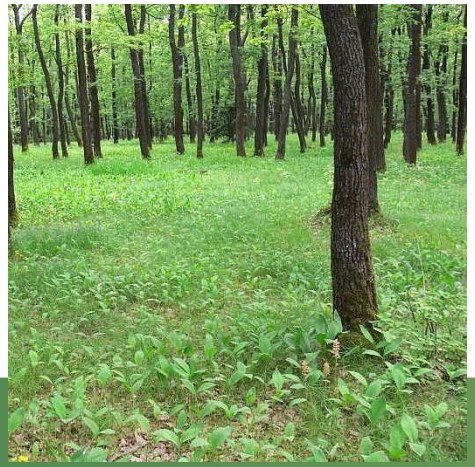
L 6.3 Pannonian thermophilous oak forests on sand
(*Carici fritschii-Quercetum roboris*)

L 6.4 Central European basiphilous thermophilous oak forests
(*Potentillo albae-Quercetum*)

L 6.5 Acidophilous thermophilous oak forests (only *Genista pilosa* type)
(*Genisto pilosae-Quercetum petraeae*)

L 6.2 Southern Moravia (local distribution)

-dependent on forest management (sparse tree vegetation) – cutting wood, sheep and goat grazing in the past



91I0
Euro-Siberian steppic woods with Quercus spp.

Threats

- inappropriate forest management (coniferous trees, esp. *Pinus sylvestris* monocultures, clearcuts, dense tree vegetation)
- ruderalisation (low coverage of herb layer)
- eutrophication
- game keeping, high populations of deer and boars
- invasive species – locust tree *Robinia pseudacacia*, *Ailanthus altissima*
- tracheomycosis

Conservation objectives

- support diversity of plant species – sparse tree vegetation, preference of natural species composition: oak – dominant (esp. *Quercus pubescens*), ash, lime, hornbeam
- appropriate forest management (low and medium forest, maintain diversity of age in tree population)
- elimination of invasive tree species and expansive species (esp. *Impatiens parviflora*)
- elimination of pine trees

-elimination of game populations

91I0
Euro-Siberian steppic woods with Quercus spp.

2007

MS	Reg	Range (km^2)				Area				Struct & func.	Future prosp.	Overall asses.	Areas from gridded maps(km^2)				Quality	
		Surface	% MS	Trend	Ref.	Surface	% MS	Trend	Ref.				Range	% MS	Distrib.	% MS	Range	Area
CZ	CON	10045.97	5.2	-	10045.97	49	23.4	-	80	U2	U1	U2	27700	13	18400	70.8	G (12/2006)	G (12/2006)
CZ	PAN	1200.51	6.6	-	1200.51	30	40	-	50	U2	U1	U2	4800	9	3700	7.1	G (12/2006)	G (12/2006)

2013

MS	Reg	Range (km^2)				Area				Struct & func.	Future prosp.	Overall asses.				Areas from gridded maps(km^2)			
		Surface	% MS	Trend	Ref.	Surface	% MS	Trend	Ref.			Curr. CS	Qualifier	Prev. CS	Nat. of ch.	Range	% MS	Distrib.	% MS
CZ	CON	35700	18.2	x	≈35700	41.97	3.5	-	>41.97	U1		U2	-	U2	c1	34300	18.2	17000	21.1
CZ	PAN	5600	14.1	x	≈5600	27.29	20.6	-	>27.29	U1		U2	-	U2	c1	3300	8.8	2000	6

Thank you for your attention

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