Status of large carnivores in Romania

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Organisations/ Institutions:

WWF DCP/Romania

WOLFLIFE project - Environmental Protection
Agency of Vrance county

Association for Conservation of Biological
Diversity (ACDB)

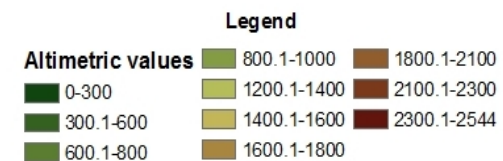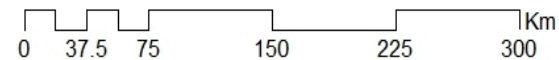# Status of large carnivores

Romania – surface and landforms

Surface:
238,391 km²

35% mountains

35% hills and plateaus

30% planes

Forest : approx. 6 mil. hectares

Legend

Altimetric values

0-300	800.1-1000	1800.1-2100
300.1-600	1200.1-1400	2100.1-2300
600.1-800	1400.1-1600	2300.1-2544
	1600.1-1800	

Km
0   37.5   75   150   225   300
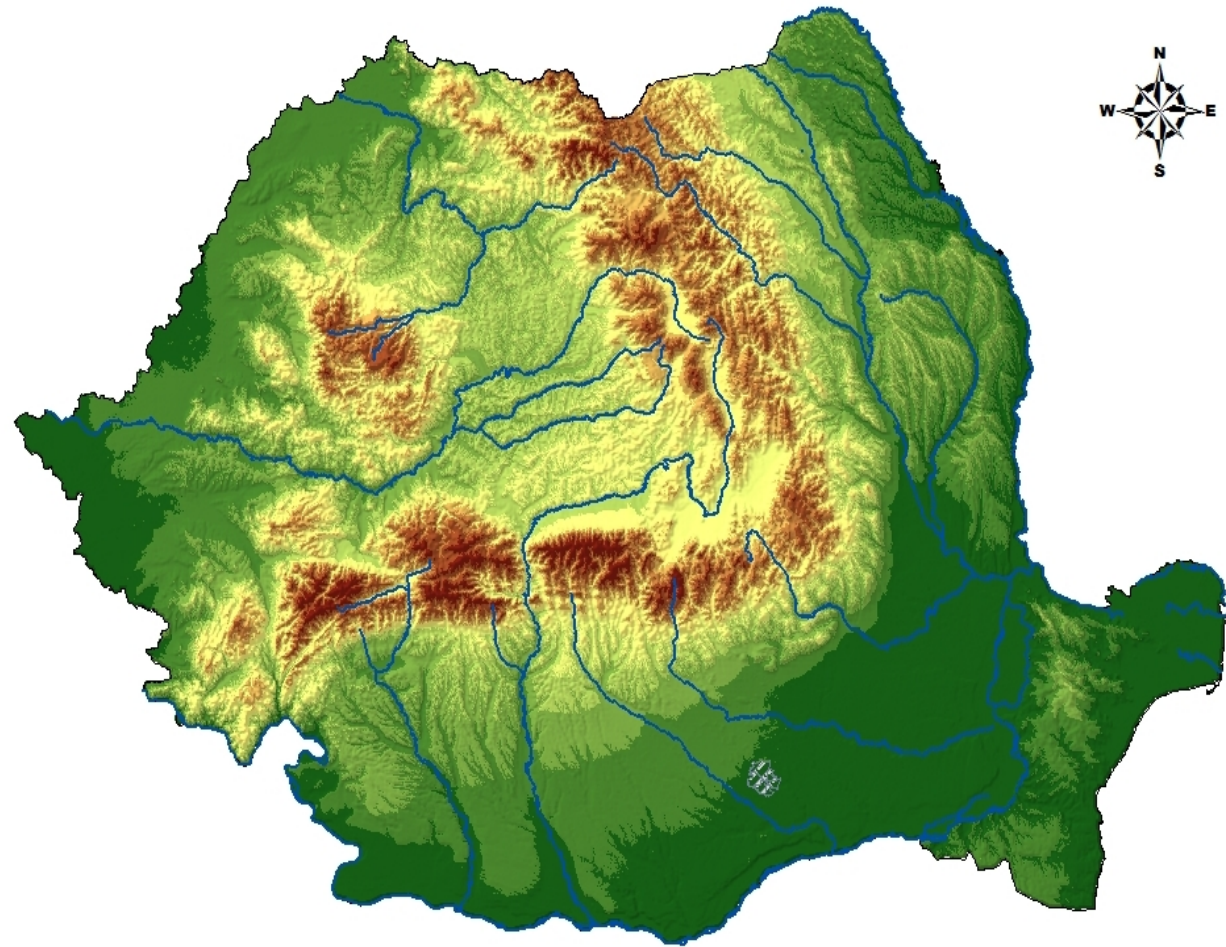
Favorable conditions for the LCs and their prey species

Of Romania's total 23.8 million ha, 28% is covered by forest (> 6mil. ha) and more than 60% is used for agriculture. Of the agricultural area, one third is permanent pasture and some 63% is arable, more than half of which is planted with cereals, mainly maize and wheat.
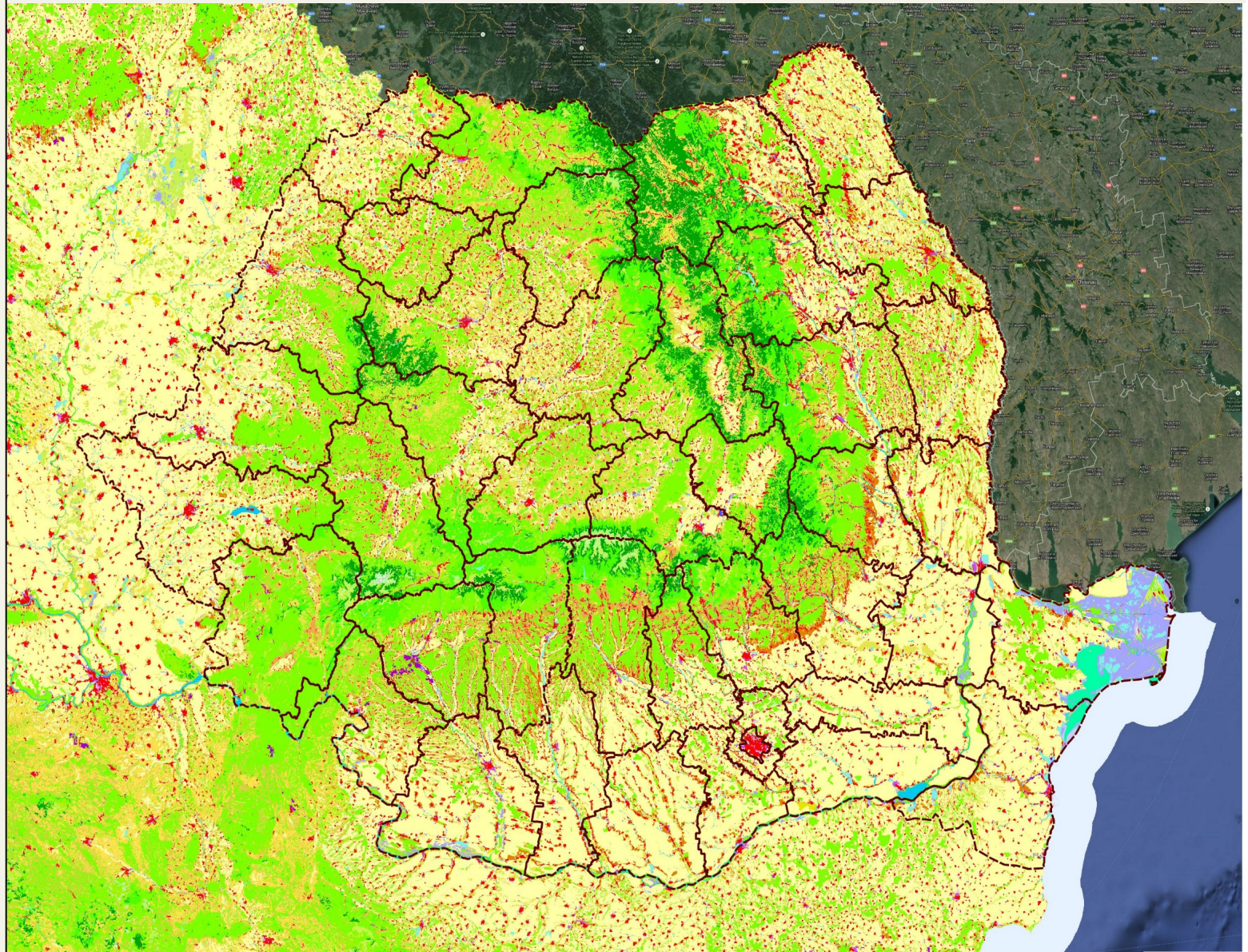
Hystorical legal status of LCs

Sp.	1953-1969	1969-1976	1976-1989	1989-1996	1996-2013	2013-2016	Oct 2016-?
Brown bear	Game – strictly regulated	Game species	Game species – special status, very strictly rules	Game species	Protected game species– quota based on derogation system	Protected game species– quota based on derogation system	Strictly protected – limited intervention quota
Wolf	Pest	Pest	Pest	Game species	Protected game species – quota based on derogation system	Protected game species – quota based on derogation system	Strictly protected – limited intervention quota
Lynx	Game	Game	Game	Game species	Protected game species – quota based on derogation system	Strictly protected	Strictly protected

Brown Bear Distribution

Green – permanent presence
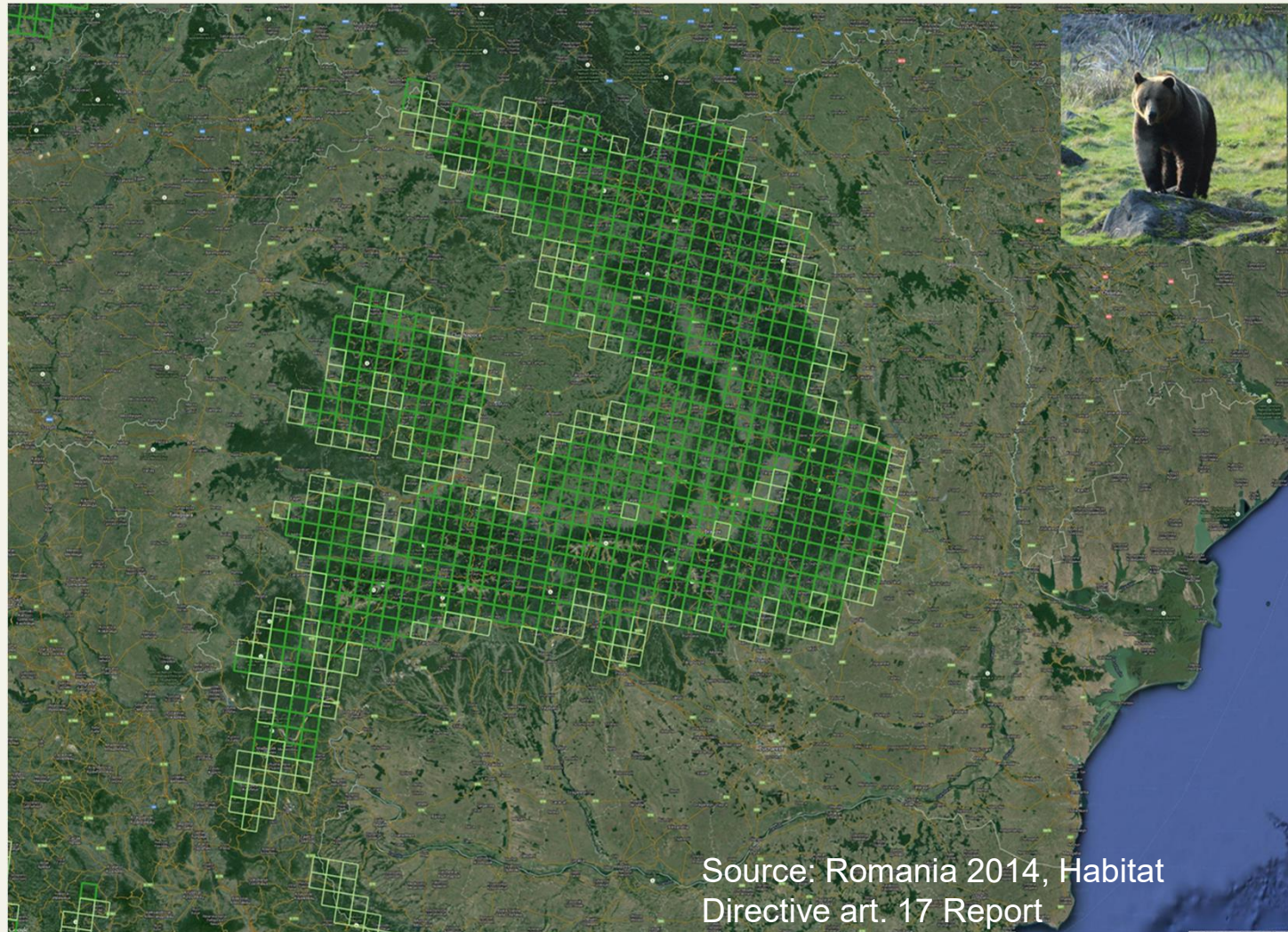
Light green – accidental presence

Source: Romania 2014, Habitat Directive art. 17 Report

Population Data

Sin et al., 2014. Long-term fluctuation of Romanian Large Carnivore populations: a multifactor analysis, Conference: European large carnivores: problems of small-sized populations, study on reproduction, and challenges of reintroduction programs, At Krasny Bor terrain, Dobroplyosy village, Verkhnedvinsk district, Belarus

Source of data: MEWF anual reports

Kaczensky et al. 2012, EU Report ~ 6.000 individuals

Romania 2014, Habitat Directive art. 17 Report :

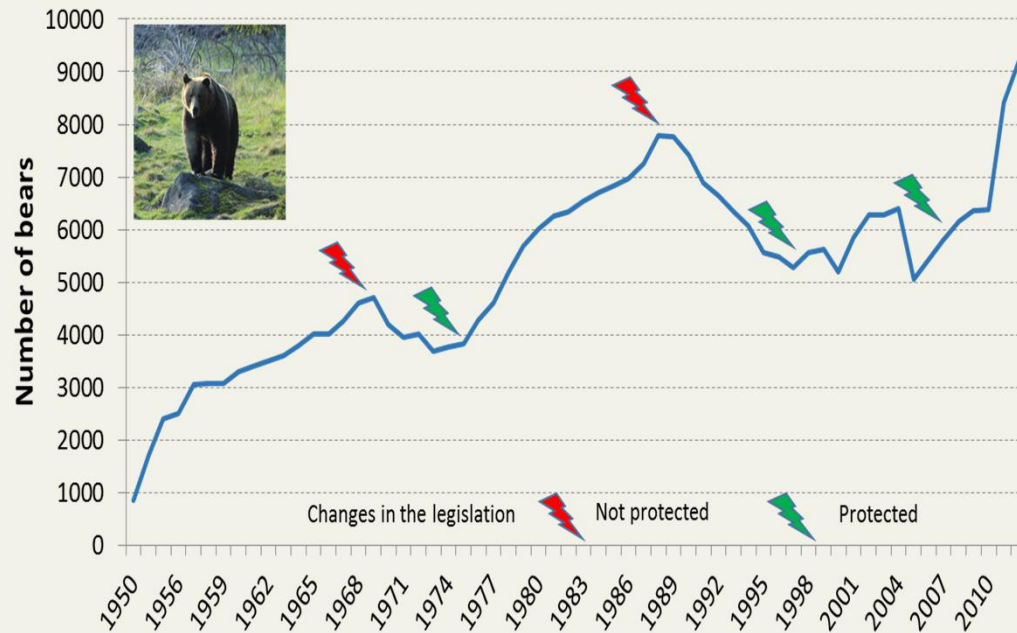|	Alpine	Continental
2.4.1 a) Population size (individuals or agreed exception) - Unit	i - number of individuals	i - number of individuals
2.4.1 b) Population size (individuals or agreed exception) - Minimum	4590	1370
2.4.1 c) Population size (individuals or agreed exception) - Maximum	5100	1520

Wolf Distribution

Green – permanent presence

Light green – accidental presence

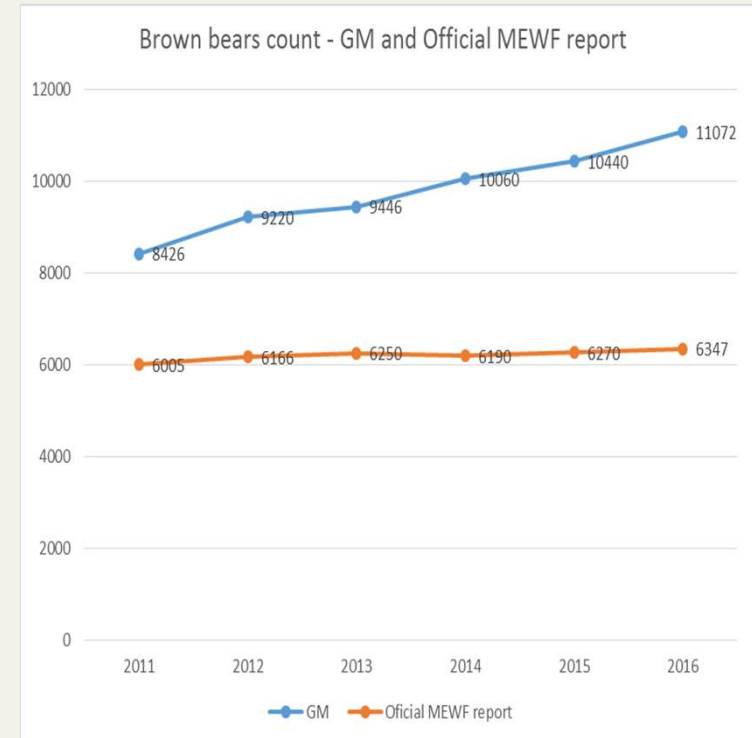Source: Romania 2014, Habitat Directive art. 17 Report

Population Data

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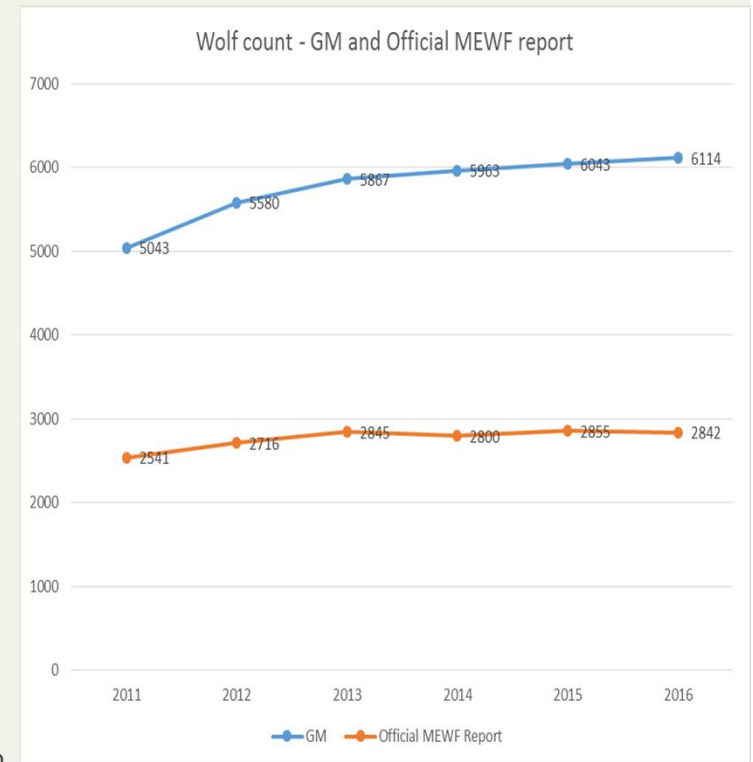
Source of data: MEWF anual reports

Kaczensky et al. 2012, EU Report 2300-2700 individuals
Romania 2014, Habitat Directive art. 17 Report :

	Alpine	Continental
2.4.1 a) Population size (individuals or agreed exception) - Unit	i – number of individuals	i – number of individuals
2.4.1 b) Population size (individuals or agreed exception) - Minimum	2140	1420
2.4.1 c) Population size (individuals or agreed exception) - Maximum	2390	1580

Lynx Distribution

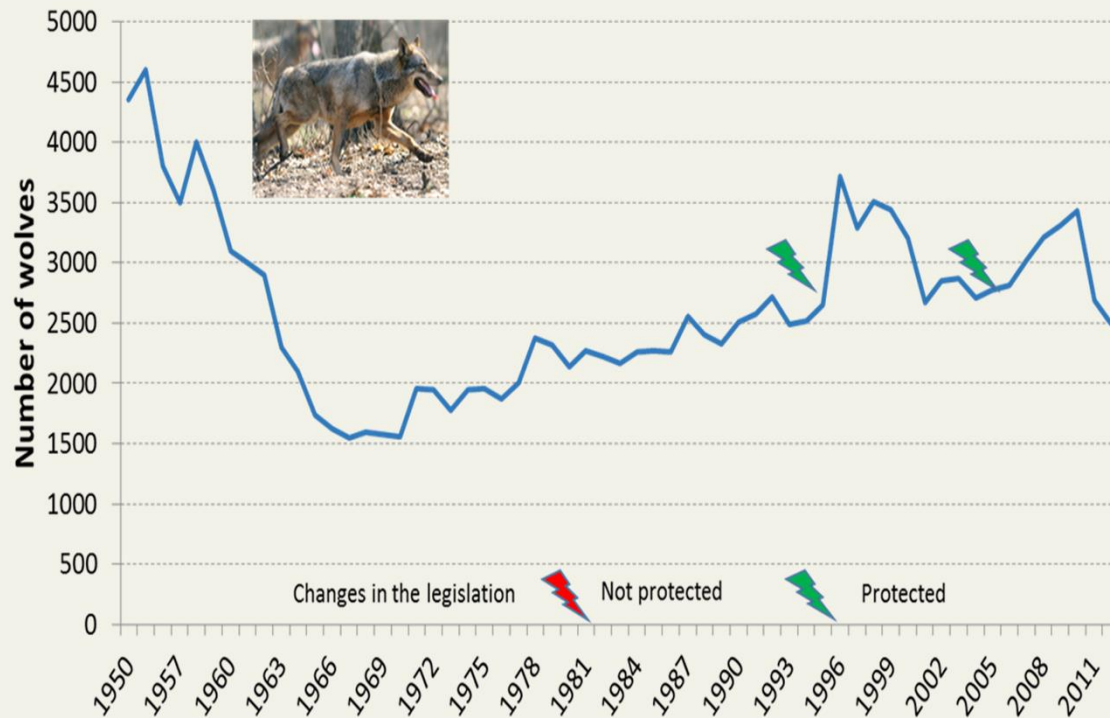Green – permanent presence

Light green – accidental presence

Source: Romania 2014, Habitat Directive art. 17 Report

Population Data

Sin et al., 2014. Long-term fluctuation of Romanian Large Carnivore populations: a multifactor analysis, Conference: European large carnivores: problems of small-sized populations, study on reproduction, and challenges of reintroduction programs, At Krasny Bor terrain, Dobroplyosy village, Verkhnedvinsk district, Belarus
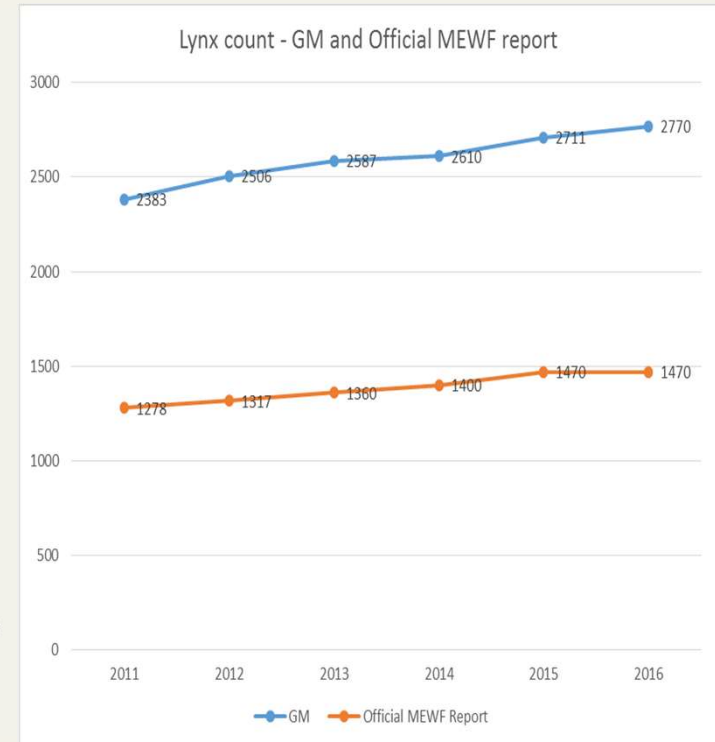
Source of data: MEWF anual reports

Kaczensky et al. 2012, EU Report 1200-1500 individuals

Romania 2014, Habitat Directive art. 17 Report :

	Alpine	Continental
2.4.1 a) Population size (individuals or agreed exception) - Unit	i - number of individuals	i - number of individuals
2.4.1 b) Population size (individuals or agreed exception) - Minimum	1640	650
2.4.1 c) Population size (individuals or agreed exception) - Maximum	1820	720

Conservation Status and Trend of LC species

Favorable for all LC species, but with unknown tendency/ trend
(official data 2013, Art. 17 FFH Directive)

but ?!
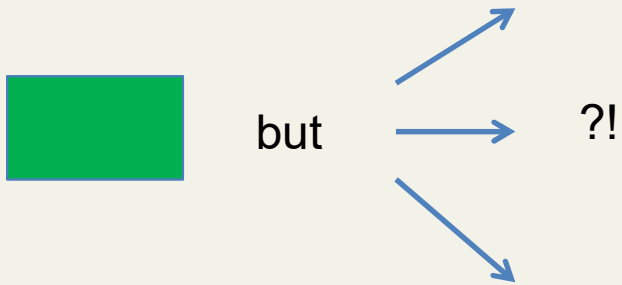
Pressures and threats

High level:

- Anthropogenic reduction of habitat connectivity

- Conflicts with humans (including over prey species)

- Poaching

Management of large carnivores

Institutional framework

Level	Institution	Atributions	Main topics	Involvement
National	Ministry of Environment, Waters and Forests	Technical legislation, strategies	All	High
	National Environmental Protection Agency	Centralizing, reporting, coordinating EPA`s	Annual count, derogations, accidental killing	Medium
	National Forest Research Institute	Scientific support (contract base)	Annual count	Medium
County/ regional	Environmental Protection Agency (EPA)	Centralizing, reporting, coordinating, permits, damage assessment	Annual count, derogations, damage, relation to PA,	High
	Forest Guard (FG)	Control, coordinating, reporting, damage assessment	Coordinating GM activities, hunting	Medium
	Environmental Guard	Control	Derogations, other	Low
Game unit	Game managers (GM) + hunters	Annual count, feeding, hunting	Annual count, hunting, damage, feeding	High
Protected areas	National Parks Administrations + other administrations/custodians	Implementing PA management plans in relation to conservation objectives		Low

Game Units

> ➤ **> 2.100 Game Units (GU)**– the base unit for wildlife management, population monitoring, quota etc.

> ➤ Localities, % Protected areas are **not** included into (GU)
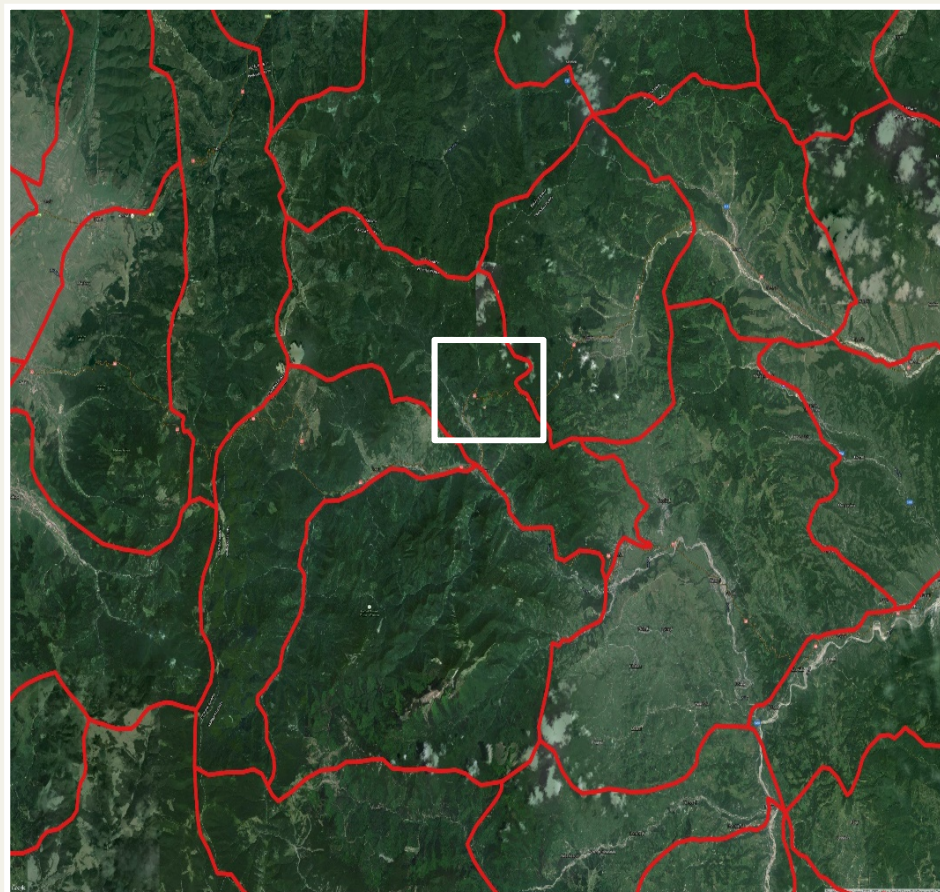
Methods for population estimation

	Before 1965	1965 - 1989	1989-2015
Brown bear	Snow tracking, direct observation	Snow tracking, direct observation, counting at feeding points	Snow tracking, direct observation+camera trapping, counting at feeding points *(implemented in a not coordinated manner, imposible to integrate the data collected in a robust analysis)*
Wolf	Snow tracking, pack observation during hunting	Snow tracking, pack observation during hunting	Snow tracking, pack observation during hunting
Lynx	Snow tracking	Snow tracking	Snow tracking

Reported – International
Analysed – National level
Centralised – County level
Field - Game unit level

Hunting

	1953-1965	1965-1989	1989-1997	1997-2007	2007-2012	2012-oct. 2016
Brown bear	Stalk	Stalk, driven hunting, bait hunting (until 2007)	Stalk, driven hunting, bait hunting (until 2007)	Stalk, driven hunting, bait hunting (until 2007)	Stalk, driven hunting	Stalk, driven hunting
	1March – 15 Ianuarie	15 Sept – 31 December and 15 March – 15 May	15 Sept – 31 December and 15 March – 15 May	15 Sept – 31 December and 15 March – 15 May	15 Sept – 31 December and 15 March – 15 May	15 Sept – 31 December and 15 March – 15 May
Wolf	All methods (including traps, snairs, poisson, pups collection)	All methods (including traps, snairs, poisson, pups collection)	All methods (including traps, snairs, poisson, pups collection)	Stalk, driven hunting	Stalk, driven hunting	Stalk, driven hunting
	All year	All year	All year	15 Sept - 30 March	15 Sept - 30 March	15 Sept - 30 March
Lynx	Stalk, driven hunting	Stalk, driven hunting	Stalk, driven hunting	Stalk, driven hunting	Stalk, driven hunting	NO
	All year	All year	All year	15 Sept - 30 March	15 Sept - 30 March	

Reported – International
Centralised – National level
Reports – County level
Hunting - Game unit level
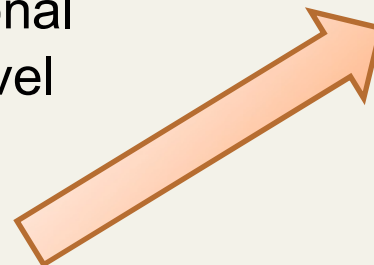
Since oct. 2016 trophy hunting is banned for all LC species.

Hunting
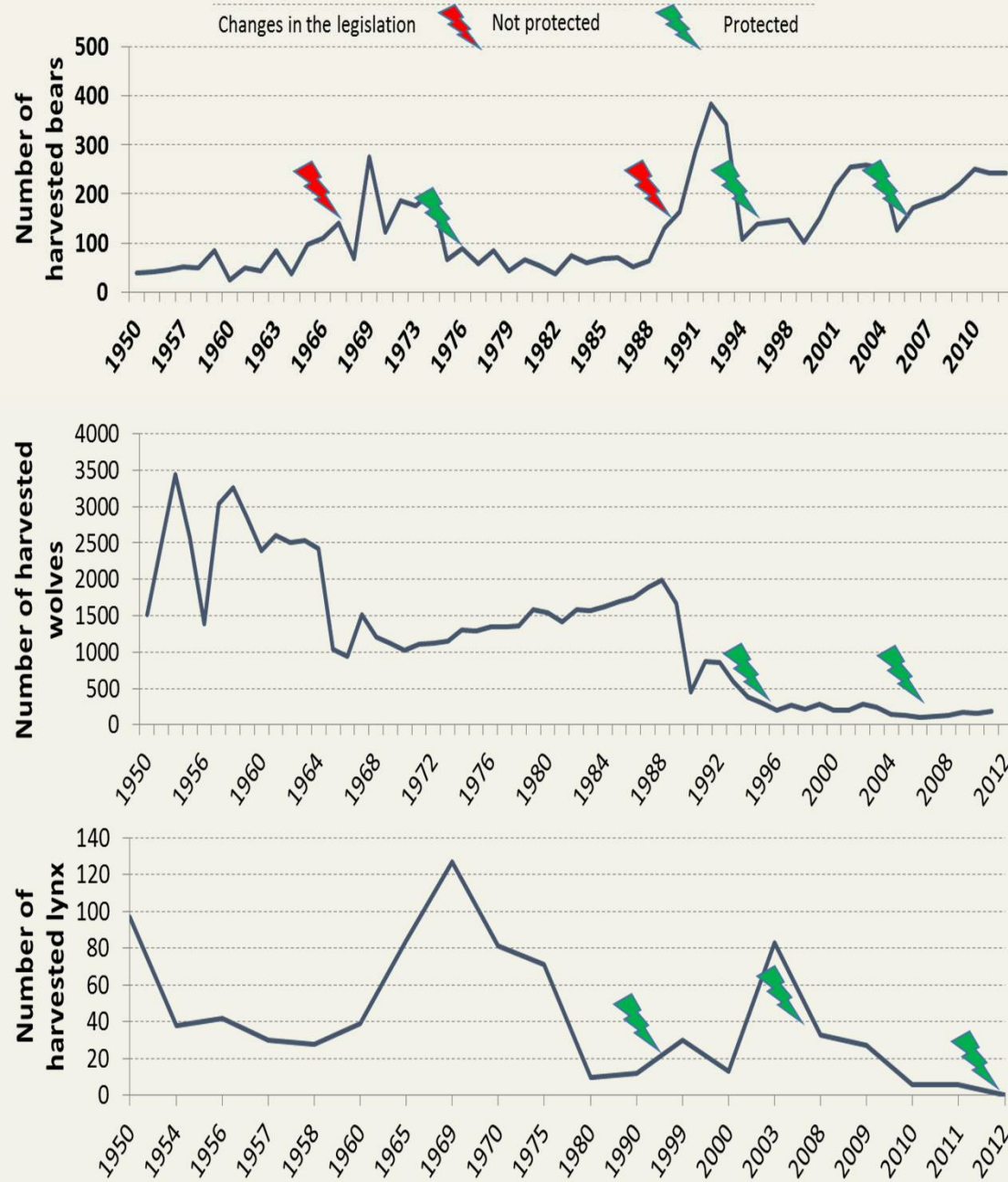
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Hunting

Since 2007 an anual Ministry Order was issued for derogation considering the art. 16 of the Habitat Directive

Source of data: MEWF anual reports

Derogations - Brown bears

Derogations - Lynx

Derogations - Wolf
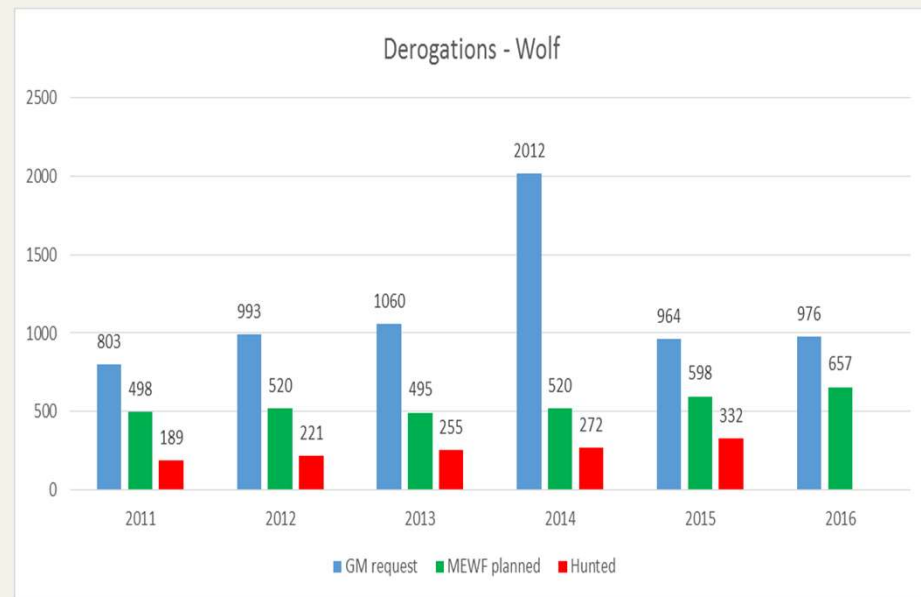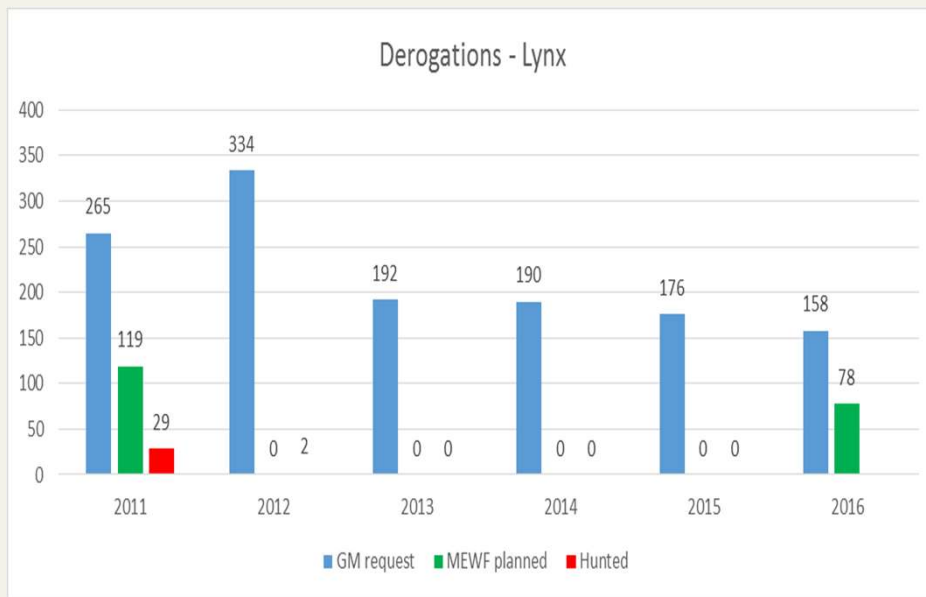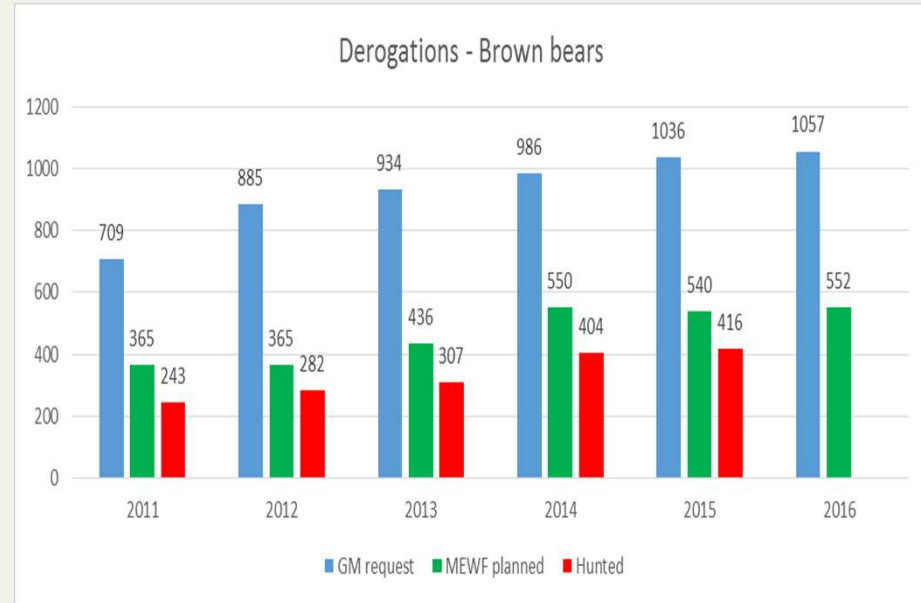
Compensation schemes

- Exists, but not fully functional

- High bureaucracy

- Long waiting time

- Potential frauds
vs.
- Not all damages are reported

Level of acceptance

Probably highest in Europe

Acceptance study - 76% (of 981 respondents) consider the brown bear as a national asset (WWF, 2012)

ALEXANDRION

TE AȘTEAPTĂ LA

HINDI ZAHRA
KOVACS AaRON
AND MANY MORE

27 IUNIE
3 IULIE

JAZZ in the Park

WWW.JAZZINTHEPARK.RO

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dor de ducă
unde să nu stai acasă

Like 3.1k

HOME EVENIMENTE IMAGINI FOTO NEWS RSS

42 evenimente in
AUGUST:
festival (30) rock (12)
muzica electronica (8) film
(6) etc

User utilizator
Pass •••
Creeaza cont nou Am uitat parola

Cauta
Cautare avansa

ULTIMELE ARTICOLE

Dhafer Youssef
Interval Natural
Bucharest Street
Food Festival 2016
Hangar
Divan Film Festival
2016
Balkanik!
AirAsia inapoi in
Europa: Barcelona -
Istanbul - Kuala
Lumpur
Traversarea Lacului
Valiug
Festivalul
Ambasadelor
Dokstation

EVENIMENTE

25 martie 2016 - 27 martie 2016

Salonul Bicicletei 2016 , Bucuresti

ROMEXPO
25-27 MARTIE 2016
SALONUL BICICLETEI

Salonul Bicicletei este cel mai mare targ dedicat mersului autonom pe doua
roti de pe la noi. Cum interesul pentru ciclism a crescut in fiecare an, e de
asteptat ca numarul expozantilor sa creasca tot mai mult. Va veti putea
intalni aici cu profesionistii din industria bicicletei, sportivi si comunitatile de
biciclisti. La targ vor fi concursuri de indemanare pentru biciclisti, pentru
copii dar si pentru mecanici, iar cei mai buni vor primi premii biciclete si
accesorii de la magazinele partenere. In plus va exista o prezentare a
echipelor de ciclisti sponsorizate de noi membrii ASPIC. Organizatorii vor
construi un traseu pe care cunoscuti ciclisti vor face demonstratii si
spectacole. Taxa intrare este 10 RON.

Evenimente in Urmatoarele 2 saptamani
Zutopia Music Festival
Playground 2K16 Summer Fest
Gugu Trail Race 2016
Traversarea Lacului Valiug
Bucovina Rock Castle
Tribute Festival 2016
Green Island 2016
Sunwaves Festival 2016
Transalpinei Bike Fest
Smida Jazz Festival
Cloverfest 2016
Festivalului International de Teatru FEST-IN pe
Bulevard
MTB Maratonul Nordul Moldovei
Maratonul Dacilor 2016
Magura Wave Fest
Maratonul Olteniei 2016
Sibiu Street Art Festival 2016
Bucharest GreenSounds Festival 2016
Divan Film Festival 2016
Festivalul Jazz at Bran Castle 2016

CALENDAR

◀ Martie 2016 ▶
L M M J V S D
01 02 03 04 05 06
07 08 09 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

Ianuarie Iulie
Februarie August
Martie Septembrie
Aprilie Octombrie
Mai Noiembrie
Iunie Decembrie

Întoarce-te la
UNTOLD 2017!

18+ PENTRU CEI PESTE 18 ANI

URSUS

Thank you for your attention!