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Supplementary Table S2. Assignment of EUNIS habitat types to broad habitat groups. *Numbers of plots (n)* within the final dataset ($N = 81,484$) belonging to particular EUNIS grassland habitat types and their assignment to broader habitat groups, i.e. dry, mesic, wet and alpine grasslands.

EUNIS code	EUNIS habitat	Habitat group	n
R19	Dry steppic submediterranean pasture of the Amphi-Adriatic region	Dry	193
R1A	Semi-dry perennial calcareous grassland (meadow steppe)	Dry	15126
R1B	Continental dry grassland (true steppe)	Dry	4879
R1C	Desert steppe	Dry	20
R1D	Mediterranean closely grazed dry grassland	Dry	130
R1E	Mediterranean tall perennial dry grassland	Dry	639
R1F	Mediterranean annual-rich dry grassland	Dry	70
R1G	Iberian oromediterranean siliceous dry grassland	Dry	5
R1H	Iberian oromediterranean basiphilous dry grassland	Dry	137
R1K	Balkan and Anatolian oromediterranean dry grassland	Dry	2
R1N	Open Iberian supramediterranean dry acid and neutral grassland	Dry	10
R1R	Mediterranean to Atlantic open, dry, acid and neutral grassland	Dry	553
R24	Iberian summer pasture (vallicar)	Dry	12
R51	Thermophilous forest fringe of base-rich soils	Dry	435
R52	Forest fringe of acidic nutrient-poor soils	Dry	294
*		Dry	122
R1M	Lowland to montane, dry to mesic grassland usually dominated by <i>Nardus stricta</i>	Mesic	780
R21	Mesic permanent pasture of lowlands and mountains	Mesic	6481
R22	Low and medium altitude hay meadow	Mesic	22548
R23	Mountain hay meadow	Mesic	1137
R33	Mediterranean short moist grassland of mountains	Mesic	111
*		Mesic	940
R31	Mediterranean tall humid inland grassland	Wet	296
R32	Mediterranean short moist grassland of lowlands	Wet	14
R34	Submediterranean moist meadow	Wet	241
R35	Moist or wet mesotrophic to eutrophic hay meadow	Wet	9427
R36	Moist or wet mesotrophic to eutrophic pasture	Wet	3361
R37	Temperate and boreal moist or wet oligotrophic grassland	Wet	2876
R55	Lowland moist or wet tall-herb and fern fringe	Wet	4729
R56	Montane to subalpine moist or wet tall-herb and fern fringe	Wet	602
*		Wet	823
R41	Snow-bed vegetation	Alpine	282
R42	Boreal and arctic acidophilous alpine grassland	Alpine	1
R43	Temperate acidophilous alpine grassland	Alpine	2905
R44	Arctic-alpine calcareous grassland	Alpine	1089
R45	Alpine and subalpine calcareous grassland of the Balkans and Apennines	Alpine	214

* Plots from the National Vegetation Database of Denmark were not classified into EUNIS habitats since they lack species cover-abundances. They were assigned to broad grassland habitat groups based on their similarity in species composition (Sørensen dissimilarity index) to plots with known classification. Plots with Sørensen dissimilarity > 0.85 were excluded.