

Chytrý et al.: EUNIS-ESy: Expert system for automatic classification of European vegetation plots to EUNIS habitats (Version 2025-10-03) [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.16895007>

Datasets of European vegetation plots classified to EUNIS habitat types using the expert system EUNIS-ESy version 2025-10-03. The GIVD codes (Global Index of Vegetation-Plot Databases; www.givd.info) are listed if available. The datasets were extracted from the European Vegetation Archive (EVA; <http://euroveg.org/evadatabase>) on 8 August 2025. Plot numbers refer to the geographically stratified and resampled dataset used to produce the lists of characteristic species combinations and distribution maps.

GIVD code	Database name	Custodian, Deputy Custodian	No. of plots
00-RU-001	Vegetation Database Forest of Southern Ural	Pavel Shirokikh	660
00-RU-006	Database of non-forest vegetation of the Southern Urals	Sergey Yamalov, Mariya Lebedeva	2525
00-RU-008	Database of anthropogenic vegetation of Urals and adjacent territories	Yaroslav Golovanov, Larisa Abramova	2982
00-TR-001	Forest Vegetation Database of Turkey - FVDT	Ali Kavgacı	4477
00-TR-003	Non-Forest Vegetation Database of Turkey - NFVDT	Behlül Güler	10809
AS-00-005	Transcaucasian Vegetation Database	Pavel Novák, Dominik Zukal	883
AS-RU-005	Nenets Tundra	Igor Lavrinenko	713
AS-TR-001	Vegetation Database of the Grassland Communities in Anatolia	Deniz Işık Gürsoy	631
AS-TR-002	Vegetation Database of Oak Communities in Turkey	Emin Uğurlu	833
EU-00-002	Nordic-Baltic Grassland Vegetation Database (NBGVD)	Jürgen Dengler, Łukasz Kozub	6454
EU-00-003	Database of Scale-Dependent Phytodiversity Patterns in Palaeartic Grasslands (GrassPlot)	Jürgen Dengler, Idoia Biurrun	2108
EU-00-004	Iberian and Macaronesian Vegetation Information System (SIVIM)	Borja Jiménez-Alfaro, Xavier Font	5734
EU-00-004	Iberian and Macaronesian Vegetation Information System (SIVIM) - Catalonia	Xavier Font	4351
EU-00-004	Iberian and Macaronesian Vegetation Information System (SIVIM) - Alpine	Borja Jiménez-Alfaro, Xavier Font	2040
EU-00-004	Iberian and Macaronesian Vegetation Information System (SIVIM) - Sclerophyllous	Federico Fernández-González, Xavier Font	7346
EU-00-004	Iberian and Macaronesian Vegetation Information System (SIVIM) - Shrublands	Rosario G. Gavilán, Xavier Font	6716
EU-00-011	Vegetation-Plot Database of the University of the Basque Country (BIOVEG)	Idoia Biurrun, Itziar García-Mijangos	13962
EU-00-012	Beech Forest Vegetation Database of SE Balkan	Aleksander Marinšek	1012
EU-00-013	Balkan Dry Grasslands Database	Kiril Vassilev, Armin Macanović	5123
EU-00-016	Mediterranean Ammophiletea database	Corrado Marcenò, Borja Jiménez-Alfaro	4687
EU-00-017	European Coastal Vegetation Database	John Janssen	2918

EU-00-018	The Nordic Vegetation Database	Jonathan Lenoir, Jens-Christian Svenning	3639
EU-00-019	Balkan Vegetation Database	Kiril Vassilev, Hristo Pedashenko	9845
EU-00-020	WetVegEurope	Flavia Landucci	2923
EU-00-021	SE Europe forest database	Andraž Čarni	2587
EU-00-022	European Mire Vegetation Database	Tomáš Peterka, Martin Jiroušek	8981
EU-00-023	Iberian and Macaronesian Vegetation Information System (SIVIM) – Deciduous Forests	Juan Antonio Campos, Xavier Font	3651
EU-00-024	Iberian and Macaronesian Vegetation Information System (SIVIM) – Floodplain Forests	Idoia Biurrun, Xavier Font	1604
EU-00-025	Gravel bar vegetation database	Veronika Kalníková, Helmut Kudrnovsky	826
EU-00-026	CircumMed database	Gianmaria Bonari	8514
EU-00-027	European Boreal Forest Vegetation Database	Anni Kanerva Jašková	3415
EU-00-027	European Boreal Forest Vegetation Database	Anni Kanerva Jašková	4760
EU-00-028	European Weed Vegetation Database	Filip Kuzmič, Urban Šilc	19462
EU-00-029	High Mediterranean Mountains Database	Corrado Marcenò, Gianpietro Giusso del Galdo	494
EU-00-030	Eastern European Steppe Database	Denys Vynokurov	4351
EU-00-031	Masaryk University's Gap-Filling Database of European Vegetation	Milan Chytrý, Ilona Knollová	2182
EU-00-035	AgriWeedClim Database	Michael Glaser, Franz Essl	4330
EU-AL-001	Vegetation Database of Albania	Michele De Sanctis, Giuliano Fanelli	689
EU-AT-001	Austrian Vegetation Database	Wolfgang Willner	34055
EU-BE-002	INBOVEG	Sophie Vermeersch	10558
EU-BG-001	Bulgarian Vegetation Database	Iva Apostolova, Desislava Sopotlieva	1100
EU-BY-002	Forest Vegetation Database of Belarus	Ruslan Tsvirko	769
EU-CZ-001	Czech National Phytosociological Database	Milan Chytrý, Ilona Knollová	76706
EU-DE-001	VegMV	Florian Jansen, Christian Berg	23040
EU-DE-013	VegetWeb Germany	Florian Jansen, Jörg Ewald	9335
EU-DE-013	VegetWeb Germany - Tüxen 's archive	Friedemann von Lampe, Florian Jansen	8229
EU-DE-014	German Vegetation Reference Database (GVRD)	Ute Jandt, Helge Bruelheide	43176
EU-DE-020	German Grassland Vegetation Database (GrassVeg.DE)	Ricarda Pätsch, Jürgen Dengler	5845
EU-DE-035	Coastal Vegetation Germany	Maike Isermann, Florian Jansen	21
EU-DE-040	Database Schleswig-Holstein (Northern Germany)	Joachim Schrautzer	1193
EU-ES-001	Iberian and Macaronesian Vegetation Information System (SIVIM) – Wetlands	Aaron Pérez-Haase, Xavier Font	5194
EU-ES-002	SIVIM Grasslands	Maria Pilar Rodríguez-Rojo, Xavier Font	8025
EU-FR-003	SOPHY	Emmanuel Garbolino	91579
EU-FR-004	VEGFRANCE	Jan-Bernard Bouzillé, Anne Bonis	1014
EU-FR-005	EcoPlant	Jean-Claude Gégout, Ingrid Seynave	3250
EU-FR-006	SIMETHIS-Flore-CBNMed	Olivier Argagnon	16019

EU-GB-001	UK National Vegetation Classification Database	John S. Rodwell	18886
EU-GB-004	FloodplainMeadows	Irina Tatarenko	1818
EU-GB-005	Scottish Coastal Survey	Robin Pakeman	4198
EU-GB-006	Scottish Vegetation Resurvey - Birse and Robertson: alpine, moorland, woodland, springs and swamps and grassland habitats.	Ruth Mitchell, Robin Pakeman	3819
EU-GR-001	KRITI	Erwin Bergmeier	3704
EU-GR-005	Hellenic Natura 2000 Vegetation Database (HelNatVeg)	Panayotis Dimopoulos, Ioannis Tsiripidis	3438
EU-GR-006 + EU-GR-007	Hellenic Woodland Database + Hellenic Beech Forests Database (Hell-Beech-DB)	Ioannis Tsiripidis	493
EU-HR-001	Phytosociological Database of Non-Forest Vegetation in Croatia	Zvezdana Stančić	1459
EU-HR-002	Croatian Vegetation Database	Željko Škvorc, Daniel Krstonošić	9499
EU-HU-003	CoenoDat Hungarian Phytosociological Database	János Csiky, Zoltán Botta-Dukát	3386
EU-CH-005	Swiss Forest Vegetation Database	Thomas Wohlgemuth	9873
EU-CH-011	Monitoring Effectiveness of Habitat Conservation in Switzerland	Ariel Bergamini, Steffen Boch	5320
EU-IE-001	Irish Vegetation Database	Úna FitzPatrick, Lynda Weekes	13879
EU-IT-001	VegItaly	Roberto Venanzoni, Flavia Landucci	7705
EU-IT-010	Vegetation database of Habitats in the Italian Alps - HabItAlp	Laura Casella, Pierangela Angelini	2973
EU-IT-010	Vegetation database of Habitats in the Italian Alps - HabItAlp	Laura Casella, Marco Massimi	640
EU-IT-011	Vegetation Plot Database - Sapienza University of Rome	Emiliano Agrillo, Fabio Attorre	21347
EU-IT-019	VIOLA	Angela Stanisci, Maria Laura Carranza	689
EU-IT-020	RanVegDunes	Alicia Acosta	1188
EU-IT-021	AMS-VegBank - Alma Mater Studiorum - University of Bologna	Alessandro Chiarucci, Vanessa Bruzzaniti	13997
EU-LT-001	Lithuanian vegetation Database	Valerius Rašomavičius, Domas Uogintas	5657
EU-LV-001	Semi-natural Grassland Vegetation Database of Latvia	Solvita Rūsiņa	3015
EU-ME-001	Vegetation Database of Montenegro	Milica Stanišić-Vujačić, Danijela Stešević	1632
EU-MK-001	Vegetation Database of the Republic of Macedonia	Renata Čušterevska	179
EU-NL-001	Dutch National Vegetation Database	John Janssen, Titus Breuning	44139
EU-NL-003	Dutch Military Ranges Vegetation Database (DUMIRA)	Marijn Filius, Tom van Heusden	3855
EU-PL-001	Polish Vegetation Database	Zygmunt Kącki, Grzegorz Swacha	50404
EU-PL-003	Forest Database of Southern Poland	Remigiusz Pielech	2410
EU-PL-005	Non-forest Vegetation of Southern Poland	Remigiusz Pielech	753
EU-PT-001	Serra da Estrela database	Jan Jansen	713
EU-RO-007	Romanian Forest Database	Adrian Indreica, Pavel Dan Turtureanu	6760
EU-RO-008	Romanian Grassland Database	Eszter Ruprecht, Kiril Vassilev	19549

EU-RS-002	Vegetation Database Grassland Vegetation of Serbia	Svetlana Aćić, Zora Dajić Stevanović	3496
EU-RS-003 + EU-RS-004	Database of Forest Vegetation in Republic of Serbia + Vegetation Database of Northern Part of Serbia (AP Vojvodina)	Mirjana Ćuk	825
EU-RU-002	Lower Volga Valley Phytosociological Database	Valentin Golub, Andrei Chuvashov	6253
EU-RU-003	Vegetation Database of the Volga and the Ural Rivers Basins	Tatiana Lysenko	1289
EU-RU-011	Vegetation Database of Tatarstan	Vadim Prokhorov	2617
EU-RU-014	Temperate Forests of European Russia	Larisa Khanina, Maxim Bobrovsky	1853
EU-SI-001	Vegetation Database of Slovenia	Urban Šilc, Filip Küzmič	11792
EU-SK-001	Slovak Vegetation Database	Milan Valachovič, Jozef Šibík	25222
EU-UA-001	Ukrainian Grassland Database	Anna Kuzemko, Denys Vynokurov	5789
EU-UA-005	Halophytic and coastal vegetation database of Ukraine	Tetiana Dziuba, Dmytro Dubyna	3589
EU-UA-006	Vegetation Database of Ukraine and Adjacent Parts of Russia	Vitaliy Kolomiychuk, Svitlana Iemeljanova	2389
EU-UA-010	Psammophytic vegetation database of Ukraine	Tetiana Dziuba, Svitlana Iemeljanova	975
EU-UA-011	Anthropogenic vegetation of Ukraine	Tetiana Dziuba	5473
EU-UA-012	Ukrainian Wetland Database	Svitlana Iemeljanova	665
	CBNA – Vegetation Database of French Alps	Sylvain Abdulhak, Jean-Michel Genis	1757
	European Alpine Vegetation Database	Borja Jiménez-Alfaro, Jozef Šibík	1111
	Finnish National Forest Inventory (LUKE)	Päivi Merilä	1289
	French National Forest Inventory	https://inventaire-forestier.ign.fr/spip.php?rubrique149,	23301
	Swedish National Forest Inventory	https://www.slu.se/nfi	11585
	Teberda - Caucasus Database	Vladimir Onipchenko, Alexei Egorov	519
	Vegetation database of steppe vegetation of Rostov Region	Olga Demina	951
	Private data of Andraž Čarni	Andraž Čarni	205
	Private data of Yakov Didukh	Yakiv Didukh	29
	Private data of Daniel Dítě	Daniel Dítě	1273
	Private data of Borja Jiménez-Alfaro	Borja Jiménez-Alfaro	3847
	Private data of Andrey Korolyuk	Andrey Korolyuk	1055
	Private data of Anna Kuzemko	Anna Kuzemko	639
	Private data of Corrado Marcenò	Corrado Marcenò	337
	Private data of Thomas Michl	Thomas Michl	1037
	Private data of Ioannis Tsiripidis	Ioannis Tsiripidis	73
Total			896937