

The Database of European Forest Insect and Disease Disturbances: DEFID2

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Supplementary Material:

- **Tables 1-2**

Original sorting ID	DEFID2 status	Original dataset ID'	New Status dataset ID'	DEFID2 person responsible	DEFID2 Status date	DEFID2 Action	DEFID2 Action assigned to
1001	Details sent to provider			JRC: Surname	7/1/2020	waiting for data	JRC: Surname
1002	Data received	FR-001		JRC: Surname	8/13/2020	check the data	JRC: Surname
1003	Thank you message sent	FR-001		JRC: Surname	8/14/2020	check the data	JRC: Surname
1004	Thank you message sent & Feedback	FR-001		JRC: Surname	8/15/2020	waiting for data	JRC: Surname
1005	Checked: correct	FR-001	FR-001_01	JRC: Surname	8/27/2020	transfer to DEFID2 data repository file	JRC: Surname
1006	Checked: needs amendment	FR-001	FR-001_02_01	JRC: Surname	8/27/2020	needs data formatting	JRC: Surname
1007	Checked: needs amendment	FR-001	FR-001_02_02	JRC: Surname	8/27/2020	needs data cleaning	JRC: Surname
1008	Checked: needs amendment	FR-001	FR-001_02_03	JRC: Surname	8/27/2020	needs GIS work done	JRC: Surname
1009	Checked: needs amendment	FR-001	FR-001_02_04	JRC: Surname	8/27/2020	needs other work done	JRC: Surname
1010	Checked: to be returned	FR-001	FR-001_03_01	JRC: Surname	8/30/2020	send data back to the data provider	JRC: Surname
1011	Checked: sent back to provider	FR-001	FR-001_03_02	JRC: Surname	9/2/2020	waiting for data	Data provider
1012	Checked: new explanat. received	FR-001	FR-001_03_03	JRC: Surname	9/3/2020	enhance data based on input	JRC: Surname
1013	Checked: new data received	FR-001	FR-001_03_04	JRC: Surname	9/5/2020	check the data	JRC: Surname
1014	Checked: new data not received	FR-001	FR-001_03_05	JRC: Surname	8/30/2020	collaboration ended	JRC: Surname
1015	Processed: formatted	FR-001	FR-001_04_01	JRC: Surname	9/2/2020	transfer to DEFID2 data repository file	JRC: Surname
1016	Processed: cleaned	FR-001	FR-001_04_02	JRC: Surname	9/2/2020	OR needs re-check transfer to DEFID2 data repository file	JRC: Surname
1017	Processed: GIS work	FR-001	FR-001_04_03	JRC: Surname	9/2/2020	transfer to DEFID2 data repository file	JRC: Surname
1018	Processed: other work done	FR-001	FR-001_04_04	JRC: Surname	9/2/2020	transfer to DEFID2 data repository file	JRC: Surname
1019	Processed: needs re-check	FR-001	FR-001_05	JRC: Surname	9/2/2020	needs another data control	JRC: Surname
1020	Re-Check: data controlled	FR-001	FR-001_06	JRC: Surname	9/3/2020	transfer to DEFID2 data repository file	JRC: Surname
1021	Transferred: to repository	FR-001	DEFID2_data_repository	JRC: Surname	9/4/2020	Ready for data analysis & Feedback to provider	JRC: Surname

Table 1: Examples and sequence of 'Status Tracking Steps' implemented as part of DEFID2 data harmonization efforts.

Dataset code	Country	Number of records	Geom-Event relation	Temporal range (years)	Method	Affiliation of data provider
CH-002	Switzerland	8602	substitute point	1983-2019	Field surveys	Waldschutz Schweiz (WSS), Eidgenössische Forschungsanstalt für Wald, Schnee und Landschaft (WSL)
CZ-001	Czechia	6482	exact	2019-2020	Remote sensing classification	Remote Sensing and Geospatial Analytics Division, GMV Innovation Solutions Department of Forest Management and Applied Geoinformatics, Faculty of Forestry and Wood Technology, Mendel University in Brno University Forest Enterprise Masaryk Forest Křtiny, Mendel University in Brno
CZ-003	Czechia	468043	exact	2018-2021	Remote sensing classification	Czechglobe - Global Change Research Institute, CAS
CZ-004	Czechia	133918	exact	2021-2021	Remote sensing classification	Ústav pro hospodářskou úpravu lesů - Forest Management Institute (FMI) Czechglobe - Global Change Research Institute, CAS Ústav pro hospodářskou úpravu lesů - Forest Management Institute (FMI)
ES-001	Spain	1370	substitute polygon	1990-2019	Field surveys	UXAForest Research Group, University of Santiago de Compostela DRACONES Research Group, University of León
ES-002	Spain	34	exact	2012-2013	Satellite photointerpretation	UXAForest Research Group, University of Santiago de Compostela DRACONES Research Group, University of León
ES-003	Spain	32300	substitute polygon	1996-2021	Field surveys	Laboratori de Sanitat Forestal, Servei d'Ordenació i Gestió Forestal, Conselleria d'Agricultura, Desenvolupament Rural, Emergència Climàtica i Transició Ecològica, Generalitat Valenciana
ES-004	Spain	168	exact point	2009-2017	Field surveys	Department of Forest Engineering, University of Córdoba
FI-001	Finland	4	exact	2020-2020	Remote sensing classification	Department of Forest Sciences, University of Helsinki
IT-001	Italy	987	exact point	2015-2019	Field surveys	CREA - Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria
IT-003	Italy	6	exact point	2011-2011	Field surveys	Servizio fitosanitario e chimico, ricerca, sperimentazione e assistenza tecnica - ERSA DAFNAE-Entomology, University of Padova
IT-004	Italy	99	exact point	2009-2011	Field surveys	DAFNAE-Entomology, University of Padova
IT-005	Italy	22	exact	2009-2011	Field surveys	DAFNAE-Entomology, University of Padova
IT-006	Italy	2509	exact	1963-2017	Field surveys	Ufficio Pianificazione forestale della Provincia Autonoma di Bolzano, Università degli Studi di Padova
RO-001	Romania	1533	exact	2012-2020	Satellite photointerpretation	Department of Geomorphology-Pedology-Geomatics, Faculty of Geography, University of Bucharest
RO-002	Romania	105	exact	1971-2019	Field surveys	National Institute for Research and Development in Forestry 'Marin Drăcea' (INCDS) Forestry Faculty, "Ștefan cel Mare" University of Suceava
RO-003	Romania	16	exact	2020-2020	Field surveys	National Research & Development Institute in Forestry 'Marin Drăcea', Craiova Station
RO-004	Romania	10	exact	2015-2017	Field surveys	National Research & Development Institute in Forestry 'Marin Drăcea', Brașov Station
SE-001	Sweden	249	exact	2010-2010	Aerial photointerpretation	University of Lund
SE-002	Sweden	106	exact	2013-2013	Field surveys	University of Lund
SK-001	Slovakia	19784	exact	2005-2009	Aerial photointerpretation	National Forest Centre, Forest Research Institute, Zvolen

Table 2: Summary of data contributions to the DEFID2 database.