



IBERS ABERYSTWYTH

Institute of Biological, Environmental and Rural Sciences

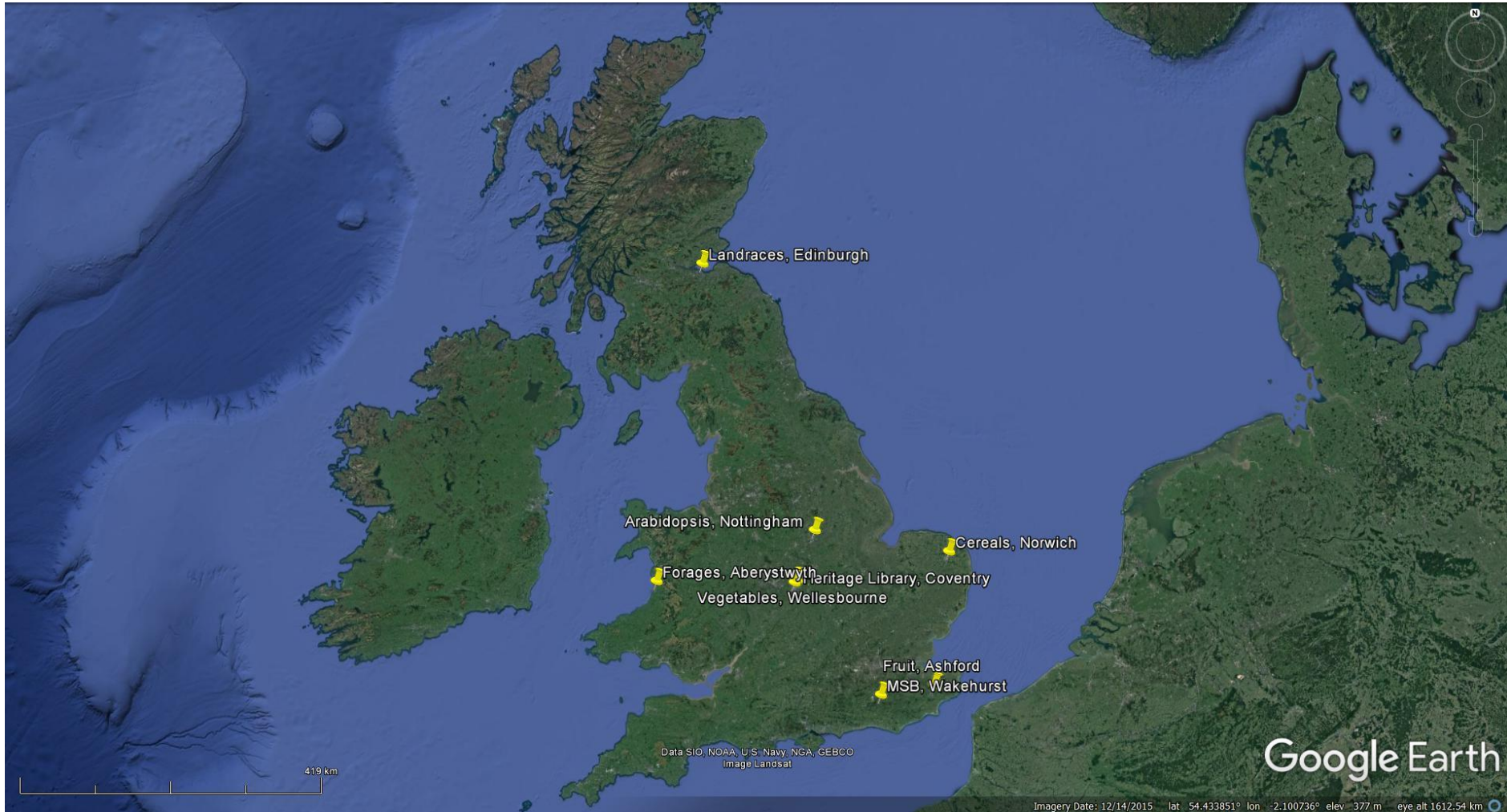
UK Plant Genetic Resources

No central UK gene bank.

Genetic Resource collections held at crop centres of excellence

UK Plant Genetic Resources Group
sponsored by Defra meets regularly to discuss
Genetic Resources related issues

UK National Plant Inventory
(On-line Gene Bank)



Data Contributors

GBR140	Nottingham Arabidopsis Stock Centre	667,692
GBR004	Millennium Seed Bank Project, Seed Conservation Department, Royal Botanic Gardens, Kew, Wakehurst Place	65,462
GBR247	Germplasm Resources Unit, John Innes Centre, Norwich Research Park	27,143
GBR016	Genetic Resources Unit, Institute of Biological, Environmental & Rural Sciences, Aberystwyth University	21,089
GBR006	Warwick Genetic Resources Unit	12,108
GBR030	National Fruit Collections, University of Reading	3,981
GBR017	Henry Doubleday Research Association	773
GBR165	Science and Advice for Scottish Agriculture, Scottish Government	152

Total: 798 400

Main Genera

Arabidopsis	667,703
Hordeum	11,246
Triticum	9,787
Trifolium	6,060
Avena	5,555
Brassica	5,456
Pisum	5,381
Lolium	4,405
Vicia	2,443
Malus	2,287
Allium	2,124
Festuca	1,802
Daucus	1,605
Lactuca	1,557
Lathyrus	1,240
Dactylis	1,174
Medicago	1,134
Acacia	1,096

Total Genera represented: 5412

Inventory is published on-line as a Google Fusion Table
search for UKNPI

Plan to update once a year in November

Data Quality

Good quality data improves the accuracy of searches and enables better sorting and production of summary statistics from Eurisco.

Confidence in the quality and accuracy of the data will improve the user experience and stimulate further use of Eurisco.

Accession Status

Breeding/research material	394,060
No Value Recorded	280,914
Natural	59,664
Advanced/improved cultivar	19,657
Breeder's line	12,691
Other	9,188
Wild	8,741
Traditional cultivar/landrace	6,193
Semi-natural/wild	2,471
Semi-natural/sown	1,728
Genetic stock	1,343
Founder stock/base population	1,209
Inbred line	428
Weedy	88
Hybrid	24
Synthetic population	1

Inconsistent Taxonomy

Arabidopsis	thaliana	(L.) Heynh	Thale Cress	667,692
Hordeum	vulgare		Barley	10,830
Triticum	aestivum		Wheat	9,412
Pisum	sativum		Pea	3,507
Lolium	perenne	L.	Rye-grass	3,026
Avena	sativa	L.	Common Oat	2,597
Malus	domestica	Borkh.	Apple	2,033
Trifolium	repens	L.	White Clover	1,955
Avena	sativa		Oat	1,953
Trifolium	pratense	L.	Red Clover	1,807
Pisum	sativum	L.	Pea	1,584
Allium	cepa		Bulb Onion	1,161

Inconsistent Spelling

Genus	Species	Author	
Avena	abyssinica		67
Avena	abyssinica	Hochst.	1
Avena	abyssinica	Hockst.	2
Avena	agadiriana	B. R. Baum & Fedak	6
Avena	atheranthera	C.Presl.	10
Avena	atlantica	B. R. Baum & Fedak	10
Avena	barbata		13
Avena	barbata	Pott ex Link	20
Avena	brevis		9
Avena	brevis	Roth	2
Avena	brevis	Roth.	1
Avena	byzantina		158
Avena	byzantina	C.Koch	1
Avena	canariensis	B. R. Baum et al.	19
Avena	clauda		1
Avena	clauda	Durieu	2
Avena	elatior		1
Avena	eriantha		2
Avena	eriantha	Durieu	2
Avena	fatua		64
Avena	fatua	L.	22
Avena	hirtula		2
Avena	hirtula	Lag.	11
Avena	longiglumis		2
Avena	longiglumis	Durieu	7
Avena	ludoviciana	Durieu	1

Crop Name Problems

Avena	occidentalis		No Name Known (Avena occidentalis)	3
Avena	pilosa		Oat	1
Avena	pilosa		Synonym: Avena eriantha Durieu	2
Avena	prostrata		Synonym: Avena hirtula Lag.	7
Avena	sativa			3
Avena	sativa		Common Oat	2,608
Avena	sativa		Oat	1,953
Avena	sativa	var. nuda	Oat	177
Avena	sp.		Oats	27
Avena	sterilis			93
Avena	sterilis		Winter Wild-oat	23
Avena	strigosa			1
Avena	strigosa		Bristle Oat	2
Avena	strigosa		Oat	48
Avena	strigosa		Small Oat	33

Accession Name Problems

Arla	Avena	sativa	1
Arlington	Avena	sativa	2
Arnold	Avena	sativa	1
Arrhenatherium elatius	Avena	elatior	1
Artus	Avena	sativa	1
Ascot	Avena	sativa	1
Aspen	Avena	sativa	1
Astor	Avena	sativa	2
Atego	Avena	sativa	1
Atlantic	Avena	sativa	2
Atlantic*(Clinton)2-Santa Fe	Avena	sativa	1
Audax	Avena	sativa	2
Aur * MGR	Avena	sativa	1
Auron	Avena	sativa	1
Aurora	Avena	sativa	1

Misplaced Collection Sites

UKNPI - Google Drive x UKNPI - Google Fusion T x Inbox (5) - idtforages@... x

https://fusiontables.google.com/DataSource?docid=1WYDRRhsRq2oAe6jhB4rV4c1eRc1yMzIhcCCUp7s&pli=1#map:id=3

Bookmarks Outlook Web App Camera Roll | Flickr Google Bookmarks Garmin Connect My Photos | Zoneram Picasa Web Albums OS Maps churchwiesedbergh U.K. National Grid stat GENESYS - Gateway t Turfgrass List UK Pub Guide, Camp Other bookmarks

idforages@gmail.com Share

UKNPI
United Kingdom National Plant Inventory. Based on FAO/Bioversity Multi-Crop Passport Descriptors... more >>
[UK Genetic Resources Collections](#) - Edited on 2015 November 6

File Edit Tools Help Geneb... Sample Sta... Ge... Tax... Coll... Vari... MLS Sta... Country of Ori... Update Summ... Full Inst Na... Full Sample Sta... Rows 4

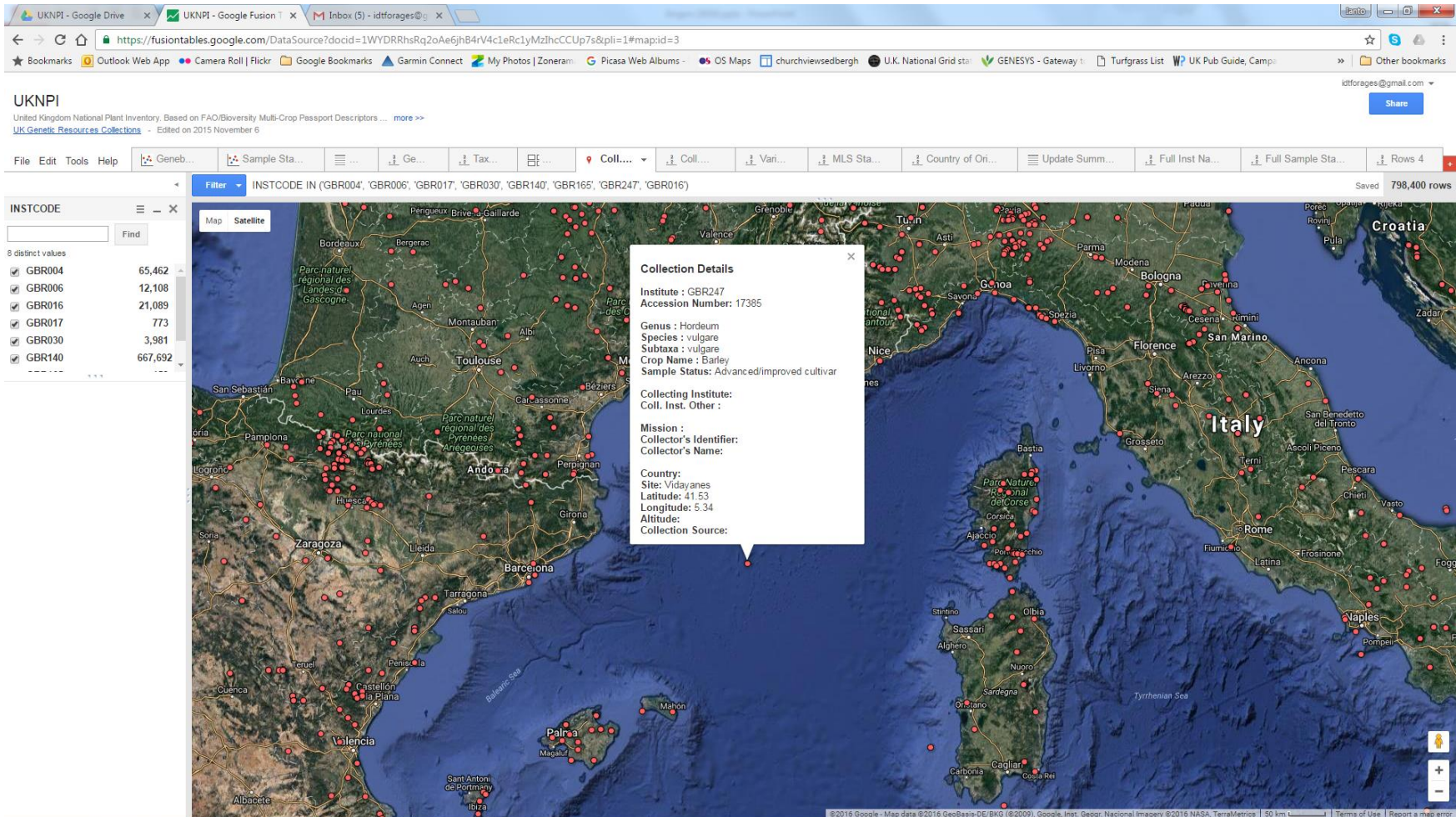
Filter INSTCODE IN ('GBR004', 'GBR006', 'GBR017', 'GBR030', 'GBR140', 'GBR166', 'GBR247', 'GBR016')

INSTCODE 8 distinct values Find

<input checked="" type="checkbox"/>	GBR004	65,462
<input checked="" type="checkbox"/>	GBR006	12,108
<input checked="" type="checkbox"/>	GBR016	21,089
<input checked="" type="checkbox"/>	GBR017	773
<input checked="" type="checkbox"/>	GBR030	3,981
<input checked="" type="checkbox"/>	GBR140	667,692

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Lat / Long Errors



UKNPI - Google Drive | UKNPI - Google Fusion | Inbox (5) - idforages@... | <https://fusiontables.google.com/DataSource?docid=1WYDRRhsRq2oAe6jhB4rV4c1eRcLyMzIhcCCUp7s&pli=1#mapid=3>

UKNPI
United Kingdom National Plant Inventory. Based on FAO/Bioversity Multi-Crop Passport Descriptors... [more >>](#)
[UK Genetic Resources Collections](#) - Edited on 2015 November 6

File Edit Tools Help | Gener... | Sample Sta... | Ge... | Tax... | Coll... | Coll... | Vari... | MLS Sta... | Country of Ori... | Update Summ... | Full Inst Na... | Full Sample Sta... | Rows 4

Filter: INSTCODE IN ('GBR004', 'GBR006', 'GBR017', 'GBR030', 'GBR140', 'GBR165', 'GBR247', 'GBR016')

INSTCODE

INSTCODE	Count
GBR004	65,462
GBR006	12,108
GBR016	21,089
GBR017	773
GBR030	3,981
GBR140	667,692

Collection Details

Institute : GBR247
Accession Number: 17385

Genus : Hordeum
Species : vulgare
Subtaxa : vulgare
Crop Name : Barley
Sample Status: Advanced/improved cultivar

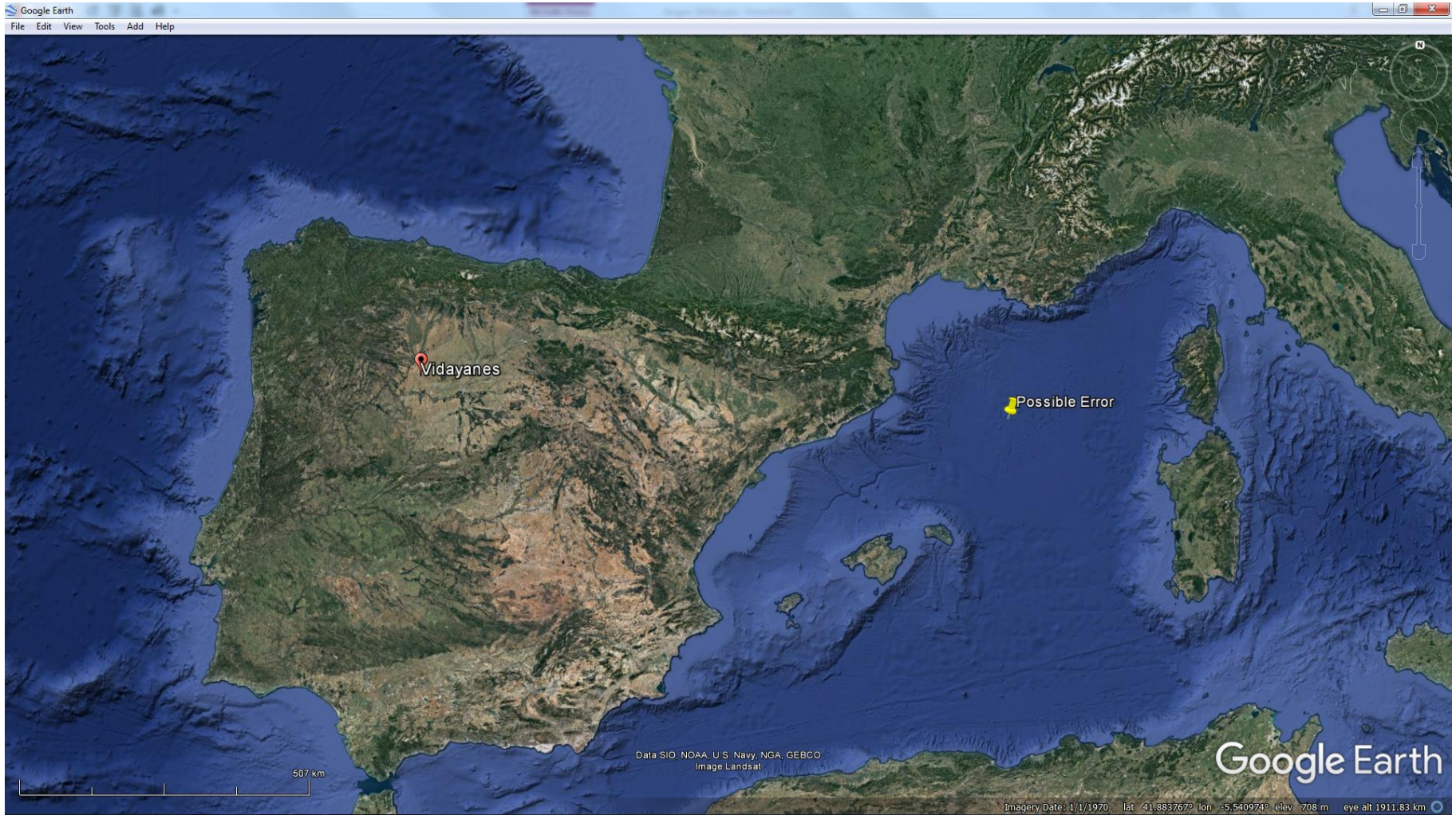
Collecting Institute:
Coll. Inst. Other :

Mission :
Collector's Identifier:
Collector's Name:

Country:
Site: Vidayanes
Latitude: 41.53
Longitude: 5.34
Altitude:
Collection Source:

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Possible answer ?



<https://www.google.com/fusiontables/DataSource?docid=1WYDRRhsRq2oAe6jhB4rV4c1eRc1yMzIhcCCUp7s>

Or Google

UKNPI