



GOBIERNO
DE ESPAÑA

MINISTERIO
DE ECONOMÍA
Y COMPETITIVIDAD

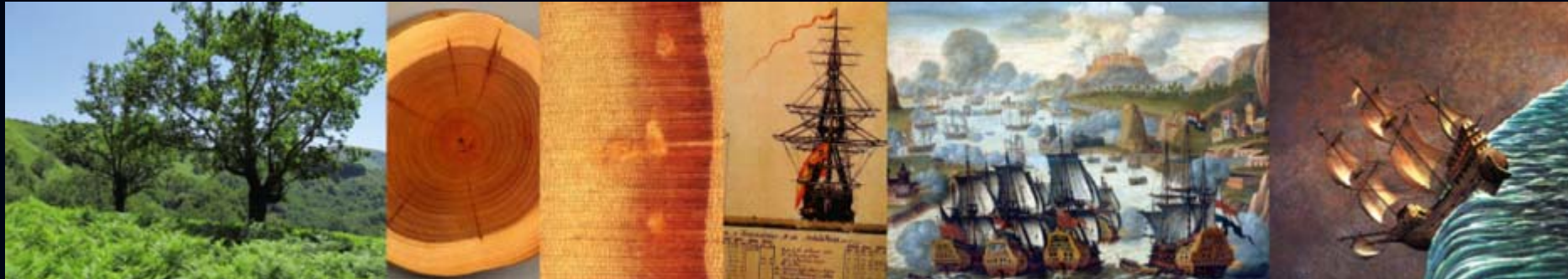


CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



Base de datos y Aplicación SIG en el Proyecto ForSEAdiscovery

<http://forseadiscovery.eu/>

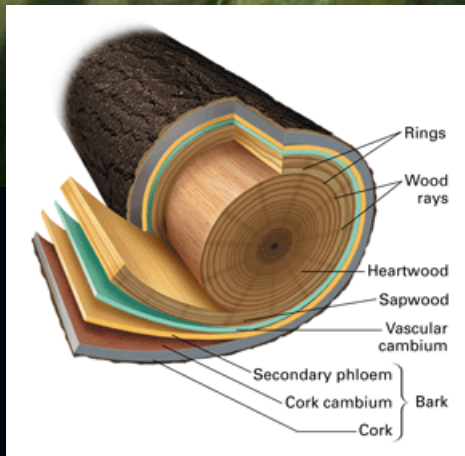


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Instituto de Historia, CCHS-CSIC

SIG For SEADiscovery



- Proyecto Multidisplinar
- Sistema de Información Geográfica (SIG)
- Aplicación Histórica (espacio-temporal)
- Integración de diferentes BD
- Cartografía Histórica/Imágenes de satélite
- Análisis SIG
- Futuro SIG en Internet



Handwritten historical document, likely a ledger or inventory, showing a table of data and a section titled "Tabloneria".

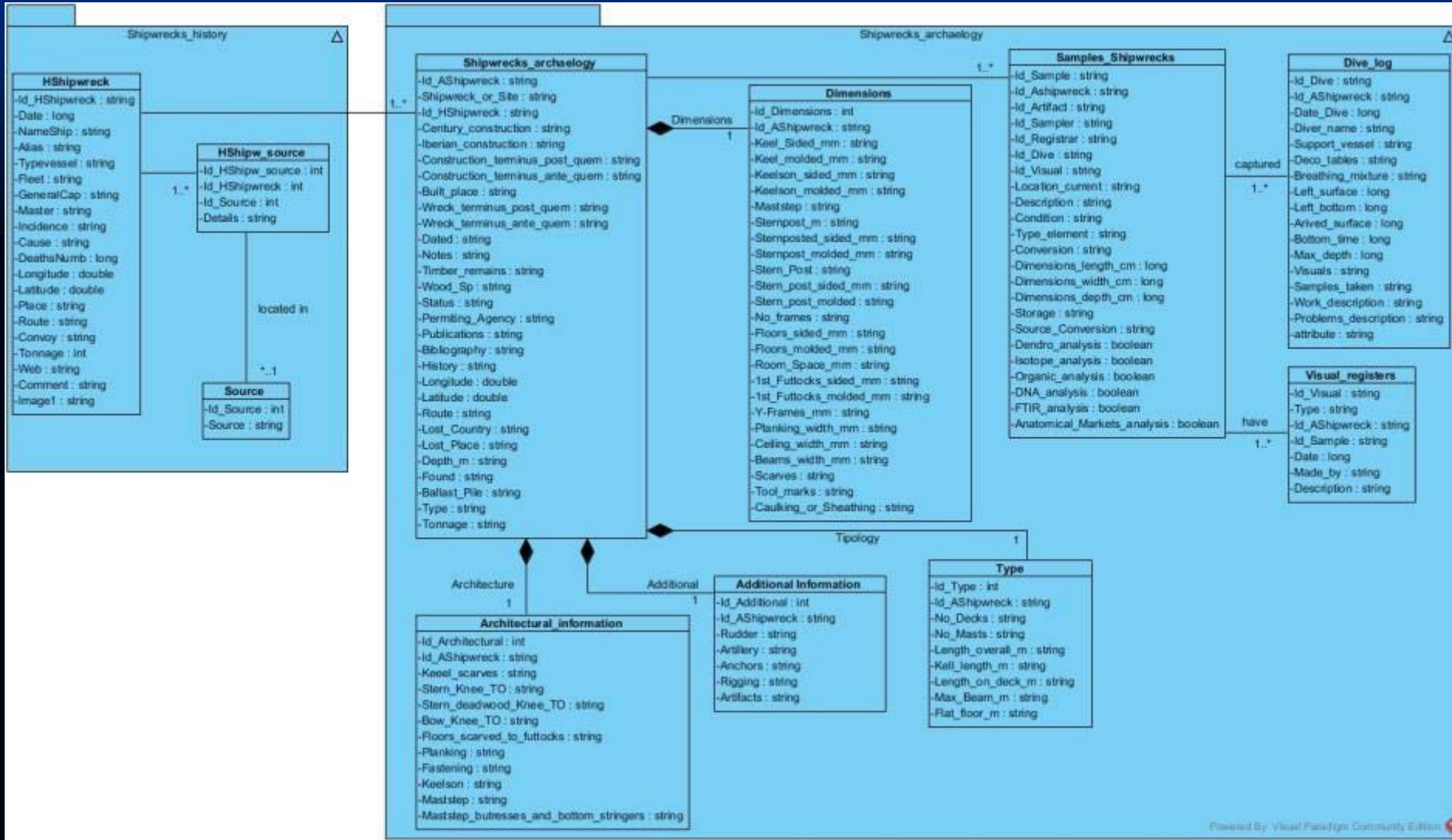
Item	Quantity	Price	Total
1	84	45	3780
2	22	35	770
3	4	180	720
4	38	20	760
5	24	25	600
6	28	25	700
7	38	25	950
8	38	25	950
9	38	25	950
10	38	25	950
11	38	25	950
12	38	25	950
13	38	25	950
14	38	25	950
15	38	25	950
16	38	25	950
17	38	25	950
18	38	25	950
19	38	25	950
20	38	25	950

Tabloneria

Item	Quantity	Price	Total
20	38	25	950
21	38	25	950
22	38	25	950
23	38	25	950
24	38	25	950
25	38	25	950
26	38	25	950
27	38	25	950
28	38	25	950
29	38	25	950
30	38	25	950

Handwritten notes at the bottom: "De los 25 paxton los 20 se dan a los 5 restantes", "De forma que como dice el tablonero", "De los que se dan a los 5 restantes".

Base de Datos ForSEADiscovery



Base de Datos ForSEADiscovery

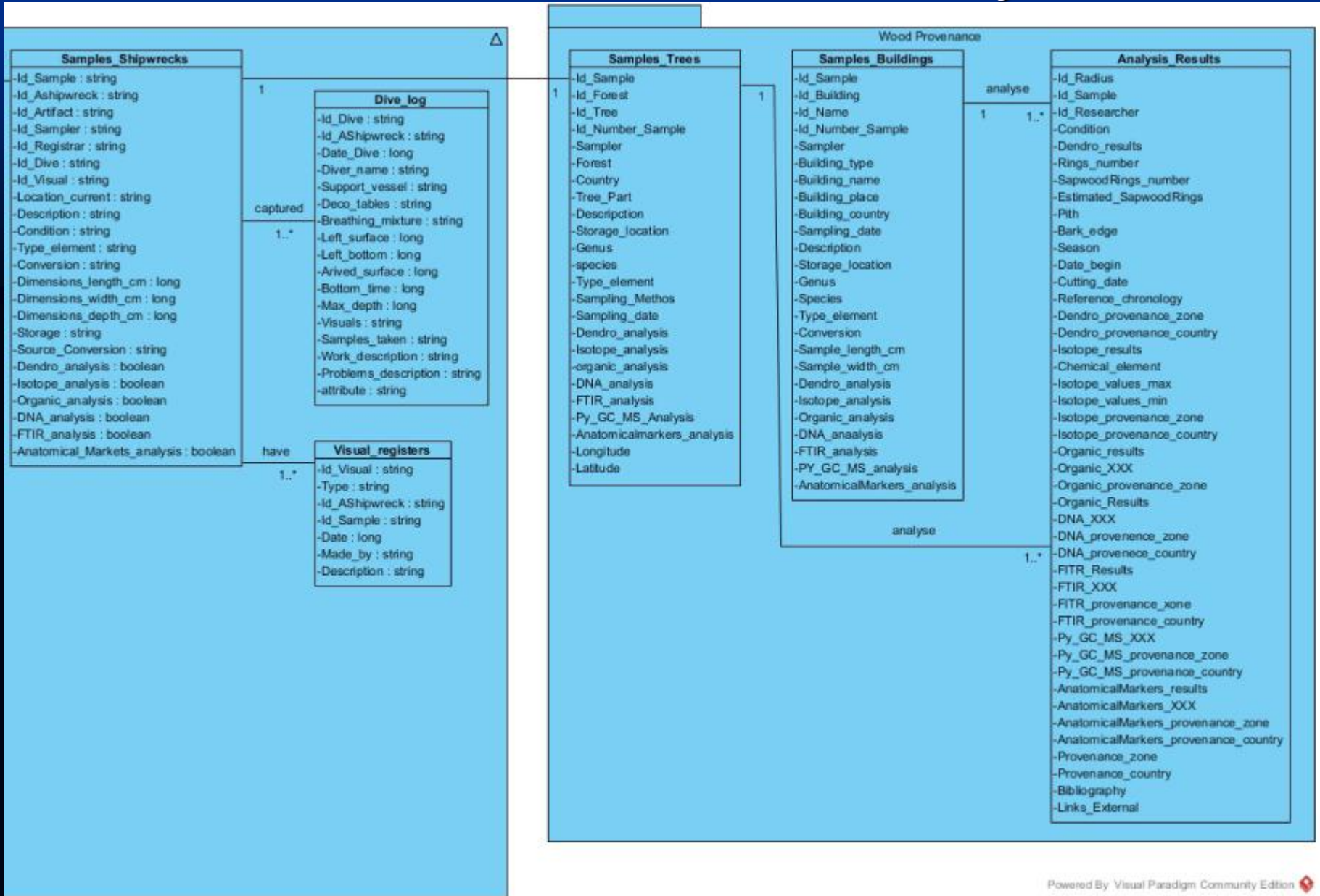


Tabla: Naufragios_Historia

Herramientas de tabla ForSeaDiscovery_10022017 : Base de datos (Access 2007) - Microsoft Access

Inicio Crear Datos externos Herramientas de base de datos Acrobat Hoja de datos

Ver Cortar Copiar Copiar formato Portapapeles Fuente Texto enriquecido Registros Actualizar todo Nuevo Guardar Eliminar Totales Revisión ortográfica Más Filtro Selección Avanzadas Alternar filtro Reemplazar Ir a Buscar Seleccionar Buscar

Id_HShipwr	Year	Month	Day	NameShip	Alias	TypeVessel	Fleet	GeneralCap	Captain	Master
S0166	1596	7	1	Unknown		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Juan Lambarri
S0167	1596	7	1	Unknown		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Miguel Alsate
S0168	1596	7	1	Nuestra señora de la Concepción		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Bernardo de M
S0169	1596	7	1	la Trinidad		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Luis de la Cruz
S0170	1596	7	1	San Juan Bautista		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Cristóbal de Zu
S0171	1596	7	1	Nuestra Señora del Rosario		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Pedro Balmase
S0172	1596	7	1	Santa María de San Vicente		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Gaspar Martíne
S0173	1596	7	1	La Concepción		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Pedro de Mad
S0174	1596	7	1	Santo Toribio		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Bartolomé Gor
S0175	1596	7	1	Santa María		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Gaspar de Ver
S0176	1596	7	1	El Espíritu Santo		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Cristóbal Garcí
S0177	1596	7	1	La Purificación		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Pedro Sánchez
S0178	1596	7	1	La Concepción		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Francisco Fern
S0179	1596	7	1	El Buen Jesús		Nao	Armada y Flota de Nueva Es	Luis Alfonso Flores		Juan Martín Vil
S0180	1596	10	25	Capitana de Ivella	San Jerónimo	Galeón	Armada del Océano	Martín de Padilla Manriq		
S0181	1596	10	28	Santiago		Galeón	Armada del Océano	Martín de Padilla Manriq		
S0182	1596	10	28	La Esperanza		Galeón	Armada del Océano	Martín de Padilla Manriq		
S0183	1596	10	28	Santa Cruz		Galizabra	Armada del Océano	Martín de Padilla Manriq		
S0184	1596	10	28	Ángel de Zacumbelum		Urca	Armada del Océano	Martín de Padilla Manriq		
S0185	1596	10	28	Ángel Gabriel		Urca	Armada del Océano	Martín de Padilla Manriq	Paulo Viera	
S0186	1596	10	28	David de Pedro Frías		Urca	Armada del Océano	Martín de Padilla Manriq		
S0187	1596	10	28	Morion			Armada del Océano	Martín de Padilla Manriq		
S0188	1596	10	28	Jonás el Grande			Armada del Océano	Martín de Padilla Manriq		
S0189	1596	10	28	Charrúa de Ocar			Armada del Océano	Martín de Padilla Manriq		
S0190	1596	10	28	Jonás el Pequeño			Armada del Océano	Martín de Padilla Manriq		
S0191	1596	10	28	Saetia Marsellesa		Saetia	Armada del Océano	Martín de Padilla Manriq		
S0192	1596	10	28	Ángel			Armada del Océano	Martín de Padilla Manriq	Henrique Feni	
S0193	1596	10	28	Sansón el Pequeño			Armada del Océano	Martín de Padilla Manriq		
S0194	1596	10	28	Santiago			Armada del Océano	Martín de Padilla Manriq	Pedro Lines	
S0195	1596	10	28	San Pedro de Sevilla			Armada del Océano	Martín de Padilla Manriq		
S0196	1596	10	28	Mezmán		Urca	Armada del Océano	Martín de Padilla Manriq		
S0197	1596	10	28	La Vaca			Armada del Océano	Martín de Padilla Manriq	Pedro Juan	
S0198	1596	10	28	Santa María La Anunciada	La Anunciada	Nao	Armada del Océano	Martín de Padilla Manriq		

Tabla: Naufragios_Arqueología

Herramientas de tabla ForSeaDiscovery_10022017 - copia: Base de datos (Access 2007) - Microsoft Access

Inicio Crear Datos externos Herramientas de base de datos Acrobat Hoja de datos

Calibri 11 Fuente Texto enriquecido

Nuevo Guardar Eliminar Actualizar todo

Σ Totales Revisión ortográfica Más

Selección Avanzadas Alternar filtro Ordenar y filtrar

Reemplazar Ir a Buscar Seleccionar

Todas las tablas Shipwrecks_archaeology

Id_AShipwreck	Shipwreck_or_Site	Id_HShipwreck	Century_co	Iberian_con	Constructio	Constructio	Built_Place	Wreck_term	Wreck_term	Dated	Notes	Timber_ren
A-AGO01	AGO-063 - S. Francisco		17th	Yes	1600	1700	Unknown	1600	1700	THs	Unknown	Unknown
A-AGU01	San Agustin		16th	Yes	1594	1594	Possibly Spain	1594	1594	Unknown	Draft 4-4.3 m	Unknown
A-AGU02	San Agustin		18th	Unknown	1700	1728	Unknown	1700	1728	Unknown	Unknown	Unknown
A-ALB01	Sto. Alberto		16th	Yes	1593	1593	Portugal	1593	1593	Unknown	Unknown	Unknown
A-ALI01	La Alianza		18th	Yes	1750	1813	Portugal	1813	1813	Records	Surveyed by Pi	unknown
A-ANA01	Sta. Ana Maria		17th	Unknown	1600	1628	Unknown	1600	1628	Unknown	Unknown	Unknown
A-ANG01	Angra B		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Yes
A-ANG02	Angra B1		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Can be part of	Stern heel
A-ANG03	Angra C		17th	Yes	1550	1650	Possibly Holla	1550	1650	Unknown	Unknown	Unknown
A-ANG04	Angra D		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	40 x 8 m prese
A-ANG05	Angra E		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Unknown
A-ANG06	Angra F		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Yes
A-ANG07	Angra G		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Not reported
A-ANG08	Angra I		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Hull bottom ar
A-ANG09	Angra J		17th	Yes	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Large stern tir
A-ANG10	ANG-003		17th	Yes	1550	1620	Possibly Portu	1560	1620	THs	Surveyed/salv	Not reported
A-ANG11	ANG-004		16th	Yes	1512	1512	Possibly Portu	1512	1512	Unknown	Surveyed or sa	Unknown
A-ANT01	Sto. Antónío		16th	Yes	1513	1527	Possibly Portu	1527	1527	Unknown	Unknown	Unknown
A-ANT02	Sto. Antónío		16th	Yes	1589	1589	Portugal	1589	1589	Unknown	Unknown	Portions of its
A-ANT03	San Antonio		17th	Yes	1600	1621	Unknown	1621	1621	Records	Unknown	Unknown
A-ANU01	Anunciada		16th	Yes	1550	1596	Portugal	1596	1596	Records	Surveyed by Pi	unknown
A-ARA01	Arade 1		16th	Unknown	1530	1630	Possibly Frano	1530	1630	Unknown	Unknown	Extensive
A-ARA02	Arade 2		17th	Unknown	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Unknown
A-ARA06	Arade 6		17th	Unknown	1550	1650	Possibly Portu	1550	1650	Unknown	Unknown	Extensive
A-ATO01	Nuestra Señora de Atocha		17th	Yes	1600	1622	Cuba	1622	1622	Records	Unknown	Part of the bot
A-AVE01	Ria de Aveiro F 1		15th	Yes	1320	1460	Possibly Portu	1320	1460	C14	This site was g	Part of a stern
A-AVE02	Ria de Aveiro F 2		15th	Unknown	1320	1460	Possibly Portu	1320	1460	C14	Lapstrake struc	Part of a capral
A-AVE03	Ria de Aveiro F 3		15th	Unknown	1320	1460	Possibly Portu	1320	1460	C14	Maststep	Unknown
A-AVE04	Ria de Aveiro G		15th	Yes	1360	1460	Possibly Portu	1360	1460	unknown	Unknown	Extensive
A-AVE05	Ria de Aveiro A		15th	Yes	1400	1500	Possibly Portu	1400	1500	C14	Preserved to ti	Aft section of t
A-AVE06	Ria de Aveiro B		16th	Yes	1450	1550	Possibly Portu	1450	1550	Artifacts	Lodged under	Yes, at least a s
A-AVE07	Ria de Aveiro C		16th	Yes	1450	1550	Possibly Portu	1450	1550	Unknown	Just a field of	None describe
A-AVE08	Ria de Aveiro E		16th	Yes	1450	1550	Possibly Portu	1450	1550	Unknown	Unknown	Unknown
A-BAL01	Baleal 1		18th	Yes	1500	1890	Possibly Portu	1500	1890	Unknown	It looks like th	Yes
A-BAR01	San Bartolome		16th	Yes	1550	1597	Spain	1597	1597	Records	Surveyed by Pi	unknown
A-BAR02	S. Bartolomeu		17th	Yes	1600	1626	Portugal	1626	1626	Records	Unknown	Unknown
A-BAR03	Barreiros		15th	Unknown	1400	1520	unknown	1400	1520	clinker constru	5 wood sample	Extensive, incl
A-BAS01	Basque galleon 1		16th	Yes	1530	1570	Possibly Basqu	1530	1570	Artifacts	Unknown	Yes
A-BAS02	Basque galleon 2		16th	Yes	1530	1570	Possibly Basqu	1530	1570	Artifacts	Unknown	Yes

Registro: 1 de 217 Sin filtro Buscar Bloq Num

Formulario: Naufragios_Arqueología

ForSeaDiscovery_10022017 : Base de datos (Access 2007) - Microsoft Access

Inicio Crear Datos externos Herramientas de base de datos Acrobat

Ver Cortar Copiar Pegar Copiar formato Portapapeles

Fuente Texto enriquecido Actualizar todo Eliminar Guardar Revisión ortográfica Más Registros

Selección Avanzada Alternar filtro Filtro Ordenar y filtrar Buscar Reemplazar Ir a Seleccionar Buscar

Todas las tablas Shipwrecks_archaeology

Shipwrecks Archaeology

Type	A-AG001	Permitting_Agency:	Unknown
Type : Tabla		Publications:	Unpublished
Type		Bibliography:	unknown
Architectural_information		History:	Unknown
Architectural_information : Ta...		Longitude:	
Architectural_information		Latitude:	
Dimensions		Route:	C. India
Dimensions : Tabla		Lost_Country:	Unknown
Dimensions		Lost_Place:	Unknown
Additional_information		Depth_m:	Unknown
Additional_information : Tabla		Found:	Known since long by fishermen
Additional_information		Ballast_Pile:	Unknown
Dive_log		Type:	Unknown
Dive_log : Tabla		Tonnage:	Unknown
Dive_log			
Visual_registers			
Visual_registers : Tabla			
Visual_registers			
Samples_Shipwrecks			
Samples_Shipwrecks : Tabla			
Samples_Shipwrecks			
HShipwrecks			
HShipwrecks : Tabla			
Source			
Source : Tabla			
Source			

Id_AShipwreck:	A-AG001	Permitting_Agency:	Unknown
Shipwreck_or_Site:	AGO-063 - S. Francisco	Publications:	Unpublished
Id_HShipwreck:		Bibliography:	unknown
Century_construction:	17th	History:	Unknown
Iberian_construction:	Yes	Longitude:	
Construction_terminus_post_quem:	1600	Latitude:	
Construction_terminus_ante_quem:	1700	Route:	C. India
Built_Place:	Unknown	Lost_Country:	Unknown
Wreck_terminus_post_quem:	1600	Lost_Place:	Unknown
Wreck_terminus_ante_quem:	1700	Depth_m:	Unknown
Dated:	THs	Found:	Known since long by fishermen
Notes:	Unknown	Ballast_Pile:	Unknown
Timber_remains:	Unknown	Type:	Unknown
Wood_Sp:	Unknown	Tonnage:	Unknown
Status:	Surveyed/salvaged by Arqueonautas SA 2004/05		

Dimensions			
Id_Dimensions:	158	Floors_molded_mm:	Unknown
Id_AShipwreck:	A-AG001	Room_Space_mm:	Unknown
Keel_Sided_mm:	Unknown	1st_Futtocks_sided_mm:	Unknown
Keel_molded_mm:	Unknown	1st_Futtocks_molded_mm:	Unknown
Keelson_Sided_mm:	Unknown	Y-Frames_mm:	Unknown
Keelson_molded_mm:	Unknown	Planking_width_mm:	Unknown
Maststep:	Unknown	Stringers_width_mm:	Unknown
Stempost_m:	Unknown	Wales_width_mm:	Unknown
Stempost_Sided_mm:	Unknown	Ceiling_width_mm:	Unknown
Stempost_molded_mm:	Unknown	Stanchions_width_mm:	Unknown
Stem_Post:	Unknown	Beams_width_mm:	Unknown
Stem_post_sided_mm:	Unknown	Scarves:	Unknown
Stem_post_molded_mm:	Unknown	Tool_marks:	Unknown
No_Frames:	Unknown	Caulking_or_Sheathing:	Unknown
Floors_sided_mm:	Unknown		

Registro: 1 de 1

Id code of shipwreck

Blog Num

Tabla: Tipo

Herramientas de tabla ForSeaDiscovery_10022017 : Base de datos (Access 2007) - Microsoft Access

Inicio Crear Datos externos Herramientas de base de datos Acrobat Hoja de datos

Ver Cortar Pegar Copiar Copiar formato Portapapeles Fuente Texto enriquecido Actualizar todo Guardar Revisión ortográfica Eliminar Más Registros Nuevo Totales Avanzadas Alternar filtro Ordenar y filtrar Buscar Reemplazar Ir a Seleccionar

Todas las tablas << >> Relaciones Shipwrecks_archaeology Type Type

Id_Type	Id_AShipwre	No_Decks	No_Masts	Length_overall_m	Keel_length_m	Length_on_	Max_Beam_m	Flat_floor_m	Agregar nuevo campo				
187 A-GUA01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
188 A-JOA03	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
189 A-MAD02	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
190 A-GON02	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
191 A-PER01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
192 A-AGU02	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
193 A-PED03	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
194 A-RAF01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
195 A-MAG01	3	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
La Santa Maria Magdalena		18th	Yes	1773	1773	Ferrol	1810	1810	Records	Surveyed by M	Extensive	Quercus framil	Ur
196 A-GAL02	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
Galeaza 1591		16th	Yes	1550	1591	Spain	1591	1591	Records	Surveyed by Pi	Scattered	Unknown	Ur
197 A-PAL01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
Palomo		18th	Yes	1795	1795	Ferrol	1810	1810	Records	Surveyed by Pi	Unknown	Unknown	Ur
198 A-BAR01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
San Bartolome		16th	Yes	1550	1597	Spain	1597	1597	Records	Surveyed by Pi	unknown	Unknown	Ur
199 A-INS01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
Insurgente Roncalesa		18th	Yes	1750	1810	Spain	1810	1810	Records	Surveyed by Pi	unknown	Unknown	Ur
200 A-SAR01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
Pecio Punta Sardaña		17th	Unknown	1550	1800	unknown	1550	1850	Construction	There are varic	Scattered	Unknown	Ur
201 A-CAL01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Shipwreck_or_Site	Id_HShipwreck	Century_cor	Iberian_con	Constructio	Constructio	Built_Place	Wreck_terr	Wreck_terr	Dated	Notes	Timber_rer	Wood_Sp	Ur
Pecio Punta Caldebarcos		17th	Unknown	1550	1800	unknown	1550	1850	Construction	Identified thr	unknown	Unknown	Ur
202 A-CHA01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
203 A-ANU01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
204 A-SAR01	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

Registro: 14 < 192 de 216 > Sin filtro Buscar

Vista Hoja de datos Bloq Num

Tabla: Registro de buceo

Herramientas de tabla ForSeaDiscovery_10022017 : Base de datos (Access 2007) - Microsoft Access

Inicio Crear Datos externos Herramientas de base de datos Acrobat Hoja de datos

Ver Pegar Copiar Cortar Copiar formato Portapapeles

Calibri 11 Fuente Texto enriquecido Actualizar todo Eliminar Guardar Revisión ortográfica Más

Nuevo Totales Filtro Avanzadas Alternar filtro Ordenar y filtrar

Reemplazar Buscar Ir a Seleccionar

Todas las tablas

Dive_log Dive_log

Id_Dive	Id_AShipwreck	Date_Dive	Diver_name	Support_vessel	Deco_table	Breathing_mixture	Left_surface	Left_bottom	Arrived_sur	Bottom_tim
A-MAG01-18-06-2015-5	A-MAG01	18/06/2015	San Claudio Miguel; Gonzalez	Federacion	USN	Air	1605	1647	1648	4;
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
A-MAG01-007W-001S	A-MAG01	A-MAG01-007W	San Claudio M Rich Sara	A-MAG01-18-06-2015-SR-P		Lugo (taken by IGG and PG on 19-6-201	Frame at bow	Readily damaged at side	Frame	
A-MAG01-008W-001S	A-MAG01	A-MAG01-008W	San Claudio M Rich Sara	A-MAG01-18-06-2015-SR-P		Lugo (taken by IGG and PG on 19-6-201	Frame at bow	Great deal of teredo and	Frame	
*										
A-MAG01-20-06-2015-1	A-MAG01	20/06/2015	Gonzalez Raul; Santos Antonio	Federacion	USN	Air	1147	1212	1213	25
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
A-MAG01-009W-001S	A-MAG01	A-MAG01-009W	Gonzalez Raul Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Horizontal rays and pith	Frame	
A-MAG01-010W-001S	A-MAG01	A-MAG01-010W	Gonzalez Raul Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Moderate to severe tere	Frame	
A-MAG01-011W-001S	A-MAG01	A-MAG01-011W	Gonzalez Raul Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Heavy teredo damage in	Frame	
*										
A-MAG01-20-06-2015-2	A-MAG01	20/06/2015	Eguluz Benat; Nayling Nigel	Federacion	USN	Air	1320	1419	1420	59
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
A-MAG01-012W-001S	A-MAG01	A-MAG01-012W	Nayling Nigel Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Transverse section in cle	Frame	
A-MAG01-013W-001S	A-MAG01	A-MAG01-013W	Nayling Nigel Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Heavy teredo damage thi	Frame	
A-MAG01-014W-001S	A-MAG01	A-MAG01-014W	Nayling Nigel Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Framing elem	Heavy teredo damage thi	Frame	
*										
A-MAG01-20-06-2015-3	A-MAG01	20/06/2015	Martins Adolfo; Santos Antoni	Federacion	USN	Air	1523	1614	1615	51
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
A-MAG01-015W-001S	A-MAG01	A-MAG01-015W	Martins Adolfo Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Hull plank from	Teredo damage on fresh	Hull plank	
A-MAG01-016W-001S	A-MAG01	A-MAG01-016W	Martins Adolfo Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Sacrificial hull p	Some teredo damage on		
*										
A-MAG01-20-06-2015-4	A-MAG01	20/06/2015	Nayling Nigel; Gonzalez Raul	Federacion	USN	Air	1704	1750	1752	46
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
A-MAG01-001W-003S	A-MAG01	A-MAG01-001W	Nayling Nigel Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Great deal of teredo dam	Frame	
A-MAG01-017W-001S	A-MAG01	A-MAG01-017W	Nayling Nigel Rich Sara	A-MAG01-21-06-2015-SR-P		Lugo (delivered on 22-6-2015 by SR an	Wedge sample	Well-preserved wedge s	Frame	
*										
A-MAG01-21-06-2015-1	A-MAG01	21/06/2015	Nayling Nigel; Eguluz Benat	Federacion	USN	Air	1130	1225	1227	59
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
*										
A-MAG01-21-06-2015-2	A-MAG01	21/06/2015	Santos Antonio; Martins Adolf	Federacion	USN	Air	1330	1417	1418	4;
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
*										
A-MAG01-21-06-2015-3	A-MAG01	21/06/2015	Gonzalez Raul; Eguluz Benat	Federacion	USN	Air	1500	1547	1549	4;
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
*										
A-MAG01-21-06-2015-4	A-MAG01	21/06/2015	Nayling Nigel; Santos Antonio	Federacion	USN	Air	1630	1727	1729	5;
Id_Sample	Id_AShipwreck	Id_Artifact	Id_Sampler	Id_Registrar	Id_Visual	Location_Current	Description	Condition	Type_elem	
*										

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Vista Hoja de datos Bloq Num

Tabla: Muestras

Bayonaissse

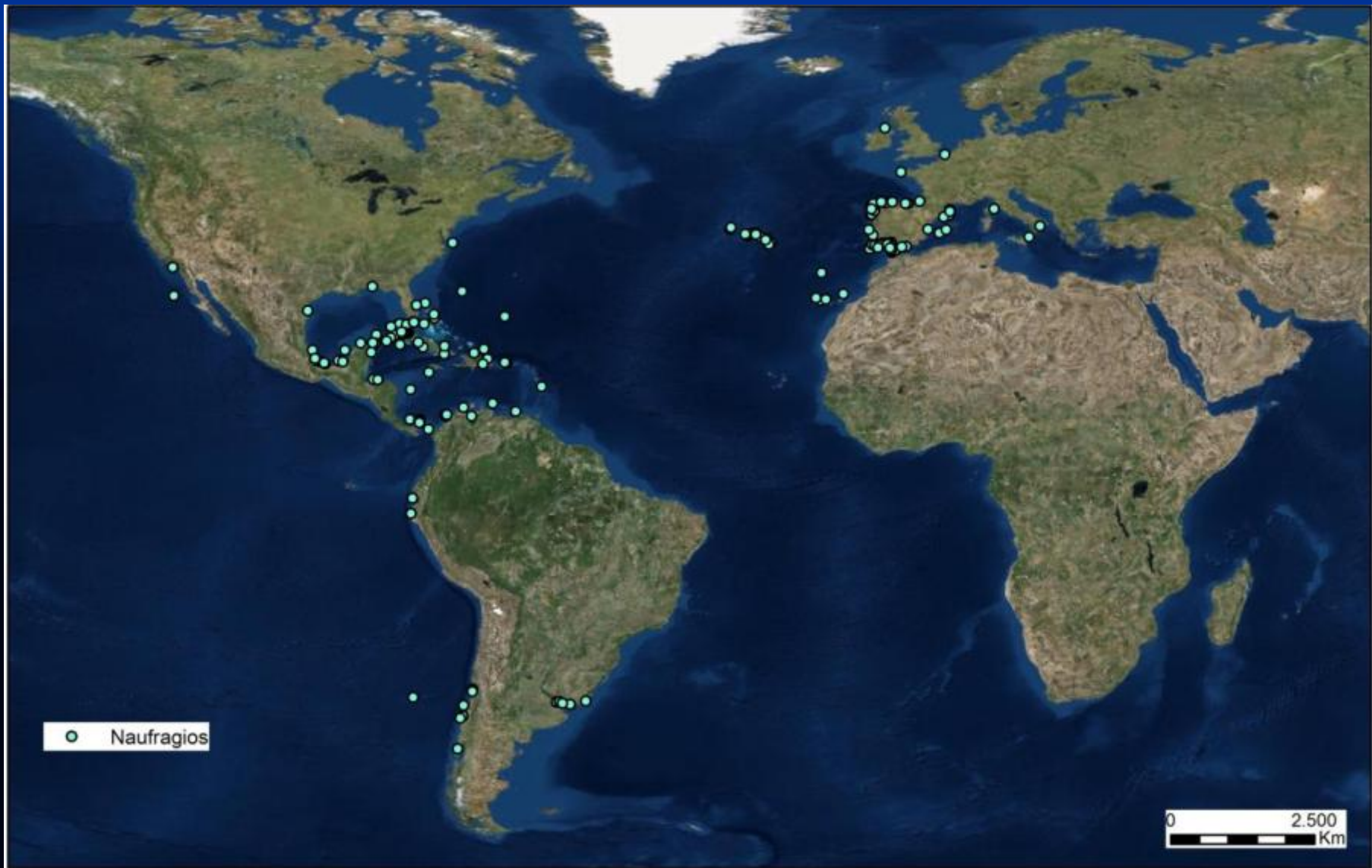
La Magdalena

Id Sample	Id AShipwreck	Id Artifact	Id Sampler	Id Registrar	Id Dive	Id Visual	Location_Current	Description	Condition
A-BAY01-001W-001S	A-BAY01	A-BAY01-001W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago	Frame from Ar	Very teredo ridd
A-BAY01-002W-001S	A-BAY01	A-BAY01-002W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Plank fragmen	Very poor condi
A-BAY01-002W-002S	A-BAY01	A-BAY01-002W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Tree nail from	Good condition,
A-BAY01-003W-001S	A-BAY01	A-BAY01-003W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame fragmer	3 pieces: largest
A-BAY01-004W-001S	A-BAY01	A-BAY01-004W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame fragmer	3 pieces, all high
A-BAY01-005W-001S	A-BAY01	A-BAY01-005W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame fragmer	5 pieces, some v
A-BAY01-006W-001S	A-BAY01	A-BAY01-006W	Nayling Nigel	Rich Sara	A-BAY01-07-06-2015-6	A-BAY01-12-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Fragments fro	5 pieces, all bad
A-BAY01-001W-002S	A-BAY01	A-BAY01-001W	Nayling Nigel	Rich Sara	A-BAY01-10-06-2015-3	A-BAY01-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame section	Teredo hidden ir
A-BAY01-007W-001S	A-BAY01	A-BAY01-007W	Nayling Nigel	Rich Sara	A-BAY01-10-06-2015-3	A-BAY01-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame section	Relatively good
A-BAY01-007W-002S	A-BAY01	A-BAY01-007W	Nayling Nigel	Rich Sara	A-BAY01-11-06-2015-4	A-BAY01-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Wedge sapwo	Good condition
A-BAY01-008W-001S	A-BAY01	A-BAY01-008W	Nayling Nigel	Rich Sara	A-BAY01-10-06-2015-3	A-BAY01-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame section	Teredo damaged
A-BAY01-009W-001S	A-BAY01	A-BAY01-009W	Nayling Nigel	Rich Sara	A-BAY01-10-06-2015-3	A-BAY01-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame sliver fr	Good condition
A-BAY01-010W-001S	A-BAY01	A-BAY01-010W	Nayling Nigel	Rich Sara	A-BAY01-11-06-2015-4	A-BAY01-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame in Area	2 pieces do not j
A-CEE02-001W-001S	A-CEE02	A-CEE02-001W	Nayling Nigel	Rich Sara	A-CEE02-13-06-2015-3	A-CEE02-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame cross se	Some teredo dan
A-CEE02-002W-001S	A-CEE02	A-CEE02-002W	Nayling Nigel	Rich Sara	A-CEE02-13-06-2015-3	A-CEE02-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Plank fragmen	Relatively good c
A-CEE02-003W-001S	A-CEE02	A-CEE02-003W	Nayling Nigel	Rich Sara	A-CEE02-13-06-2015-3	A-CEE02-13-06-2015-SR-P	Santiago (taken by MT on 14-6-2015)	Frame cross se	Bisected by tered
A-MAG01-001W-001S	A-MAG01	A-MAG01-001W	Nayling Nigel	Rich Sara	A-MAG01-17-06-2015-2	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Frame at bow	Slow-grown oak
A-MAG01-001W-002S	A-MAG01	A-MAG01-001W	Nayling Nigel	Rich Sara	A-MAG01-18-06-2015-4	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Frame at bow	Slow-grown oak
A-MAG01-002W-001S	A-MAG01	A-MAG01-002W	Nayling Nigel	Rich Sara	A-MAG01-17-06-2015-2	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Ceiling plank a	Preserves pith,
A-MAG01-003W-001S	A-MAG01	A-MAG01-003W	Rich Sara	Rich Sara	A-MAG01-17-06-2015-3	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Ceiling plank a	Preserves pith,
A-MAG01-004W-001S	A-MAG01	A-MAG01-004W	Nayling Nigel	Rich Sara	A-MAG01-18-06-2015-4	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Stringer at ster	Very teredo ridd
A-MAG01-005W-001S	A-MAG01	A-MAG01-005W	Nayling Nigel	Rich Sara	A-MAG01-18-06-2015-4	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Wedge sample	Very small, frag
A-MAG01-006W-001S	A-MAG01	A-MAG01-006W	Nayling Nigel	Rich Sara	A-MAG01-18-06-2015-4	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Frame at stern	Teredo damaged
A-MAG01-007W-001S	A-MAG01	A-MAG01-007W	San Claudio M	Rich Sara	A-MAG01-18-06-2015-5	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Frame at bow	Readily damage
A-MAG01-008W-001S	A-MAG01	A-MAG01-008W	San Claudio M	Rich Sara	A-MAG01-18-06-2015-5	A-MAG01-18-06-2015-SR-P	Lugo (taken by IGG and PG on 19-6-201	Frame at bow	Great deal of ter
A-MAG01-009W-001S	A-MAG01	A-MAG01-009W	Nayling Nigel	Rich Sara	A-MAG01-20-06-2015-4	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Great deal of ter
A-MAG01-009W-001S	A-MAG01	A-MAG01-009W	Gonzalez Raul	Rich Sara	A-MAG01-20-06-2015-1	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Horizontal rays a
A-MAG01-010W-001S	A-MAG01	A-MAG01-010W	Gonzalez Raul	Rich Sara	A-MAG01-20-06-2015-1	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Moderate to sev
A-MAG01-011W-001S	A-MAG01	A-MAG01-011W	Gonzalez Raul	Rich Sara	A-MAG01-20-06-2015-1	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Heavy teredo da
A-MAG01-012W-001S	A-MAG01	A-MAG01-012W	Nayling Nigel	Rich Sara	A-MAG01-20-06-2015-2	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Transverse secti
A-MAG01-013W-001S	A-MAG01	A-MAG01-013W	Nayling Nigel	Rich Sara	A-MAG01-20-06-2015-2	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame at bow	Heavy teredo da
A-MAG01-014W-001S	A-MAG01	A-MAG01-014W	Nayling Nigel	Rich Sara	A-MAG01-20-06-2015-2	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Framing elem	Heavy teredo da
A-MAG01-015W-001S	A-MAG01	A-MAG01-015W	Martins Adolfc	Rich Sara	A-MAG01-20-06-2015-3	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Hull plank fron	Teredo damage
A-MAG01-016W-001S	A-MAG01	A-MAG01-016W	Martins Adolfc	Rich Sara	A-MAG01-20-06-2015-3	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Sacrificial hull	Some teredo da
A-MAG01-017W-001S	A-MAG01	A-MAG01-017W	Nayling Nigel	Rich Sara	A-MAG01-20-06-2015-4	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Wedge sample	Well-preserved
A-MAG01-018W-001S	A-MAG01	A-MAG01-018W	Nayling Nigel	Rich Sara	A-MAG01-21-06-2015-4	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame section	Transverse secti
A-MAG01-019W-001S	A-MAG01	A-MAG01-019W	Nayling Nigel	Rich Sara	A-MAG01-21-06-2015-4	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame section	Teredo damage
A-MAG01-020W-001S	A-MAG01	A-MAG01-020W	Nayling Nigel	Rich Sara	A-MAG01-21-06-2015-4	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Frame section	Solid condition
A-MAG01-021W-001S	A-MAG01	A-MAG01-021W	Nayling Nigel	Rich Sara	A-MAG01-21-06-2015-4	A-MAG01-21-06-2015-SR-P	Lugo (delivered on 22-6-2015 by SR an	Chiseled block	Very solid condi

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Rutas de las Indias Occidentales / Golfo Caribe





Service Layer Credits: Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

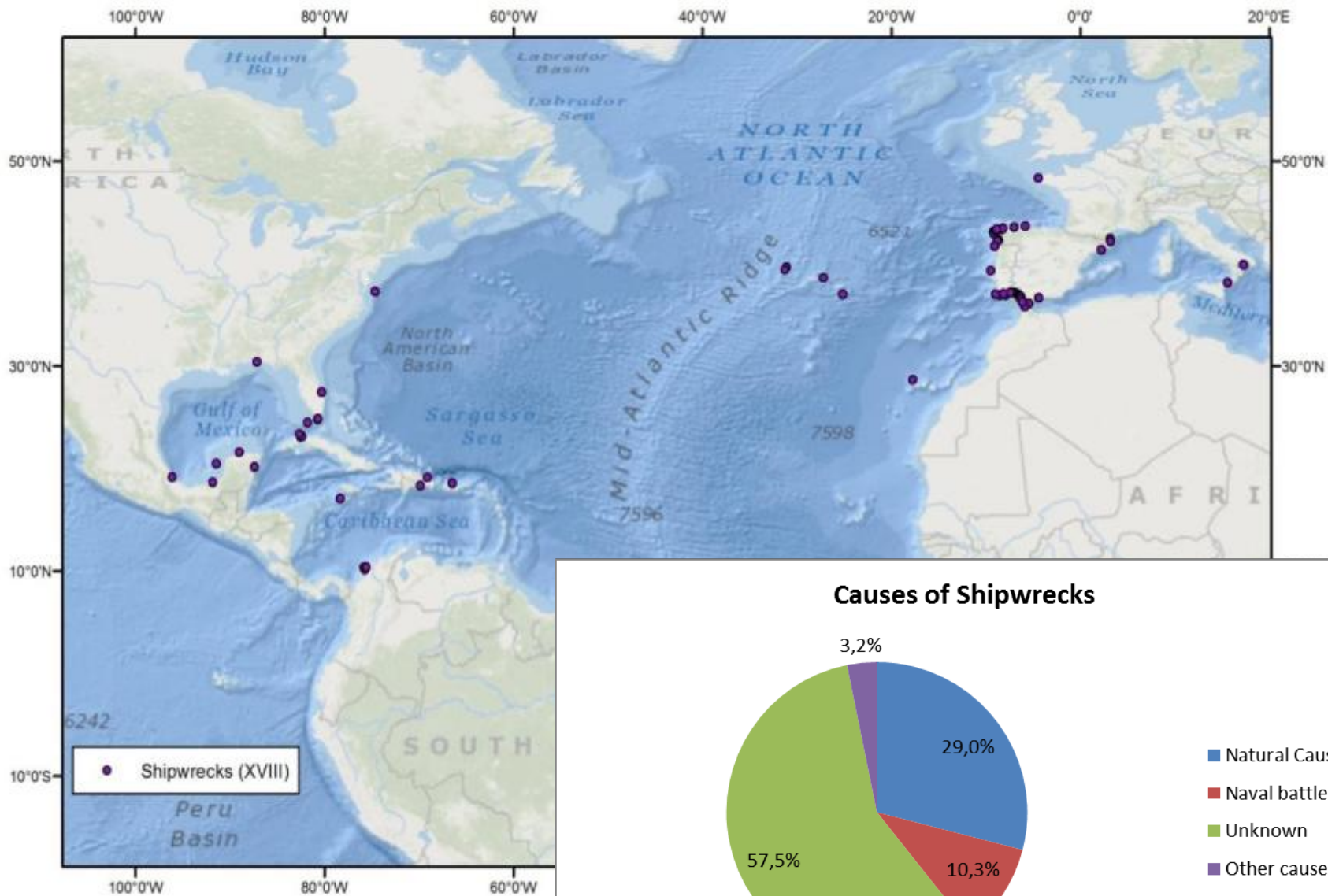
Author: María José García Rodríguez. ForSEADiscovery Project.

SIG For SEADiscovery

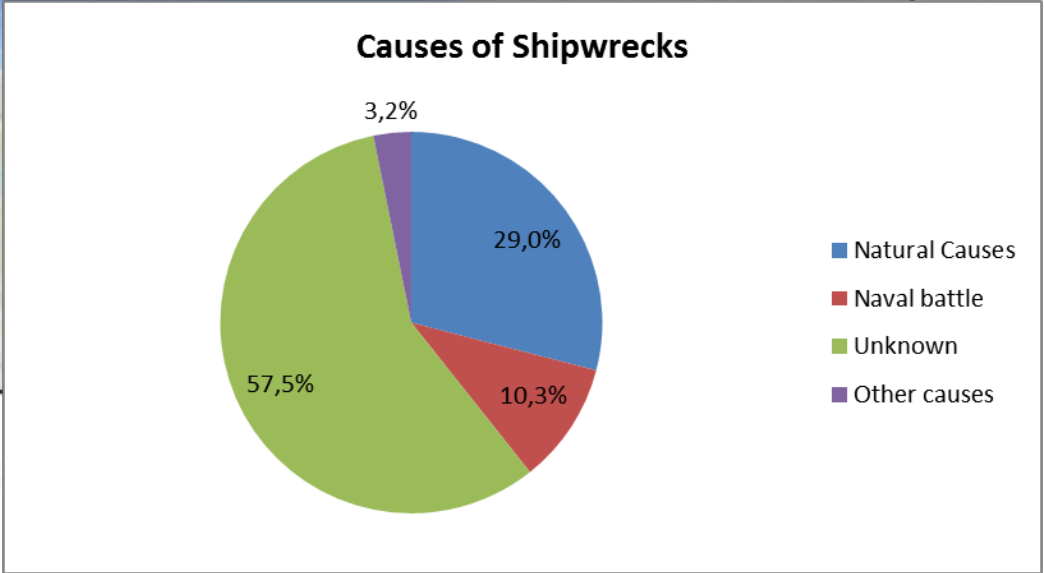
The screenshot displays the ArcMap interface with a map of the Atlantic Ocean showing shipwreck locations. The 'Layers' panel on the left includes 'Forest Samples', 'Maritim Campaigns', 'AShipwreck_Galicia', 'AShipwreck', 'Iberian Shipwrecks', 'AShipwreck', 'Reference', 'countries_p', 'Provincias', 'World_imagery', 'World Ocean Reference', 'World Ocean Base', 'Ocean Basemap (Mature Support)', and 'Ocean_Basemap'. The 'Table Of Contents' panel is also visible. The main map area shows a 3D bathymetric view of the ocean floor with several shipwreck icons. A detailed information window for 'San Pedro y las Angustias' is open on the right, displaying the following data:

San Pedro y las Angustias	
ID	258
Id_HShipwr	80258
Year_	1612
NameShip	San Pedro y las Angustias
Alias	
TypeVessel	Nao
Fleet	Nao suelta
GeneralCap	
Captain	
Master	Francisco de Undbay
Incidence	Shipwreck
Cause	
DeathsNumb	
Longitude	-6.337493
Latitude	36.898462
Place	Cólo de Doñana, Carbonero (a 3 leguas de Sanlúcar)
Route	Puerto Rico-Cádiz
Convoy	
Tonnage	150
Web	
Comment	

Below the table, there is an image labeled 'Image1' showing an underwater view of the shipwreck site, with a diver visible in the background.



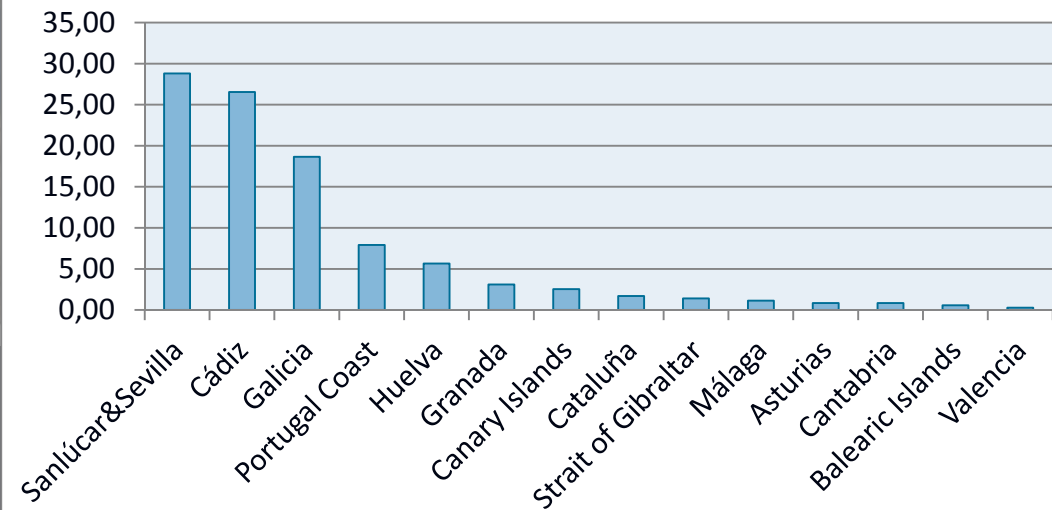
Service Layer Credits: Sources: Esri, GEBCO, NOAA, National Geographic,
 Author: Maria José García Rodríguez. ForSEADiscovery Project.



Análisis de Naufragios Históricos



Análisis de naufragios Históricos en porcentaje (%)





Maritime Campaigns



Shipwreck_Archaeology



Shipwreck_History



Yarmouth Roads

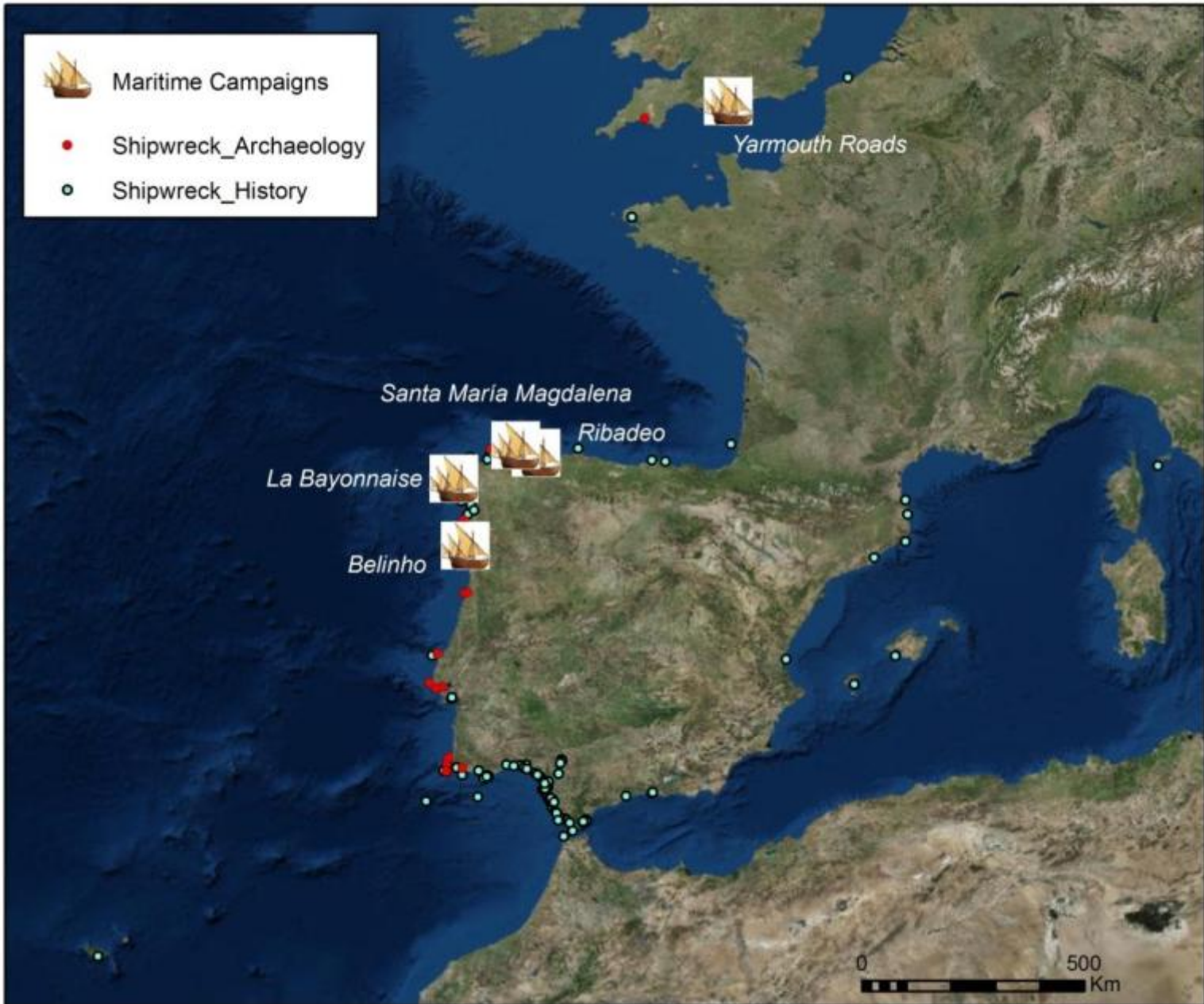
Santa María Magdalena

Ribadeo

La Bayonnaise


Belinho

0 500 Km



Historical GIS/HSIG: visualización e integración

The screenshot displays the ArcMap interface for a historical GIS project. The central map shows the Atlantic Ocean with a red dot indicating the location of the shipwreck. A white spotlight highlights this dot. On the left, the 'Table of Contents' lists various layers, with 'Shipwreck_History' selected. On the right, the 'Santísima Trinidad' information panel provides detailed data about the shipwreck, including its ID, name, year, and cause.

Santísima Trinidad	
ID	588
Id_HShipw	90688
Year_	1805
NameShip	Santísima Trinidad
Alias	
TypeVessel	Navío
Fleet	Escuadra Hispano-Francesa
General/Cap	
Captain	Baltasar Hidalgo de Cisneros
Master	Francisco Javier de Uriarte y Boja
Incidence	Shipwreck
Cause	Naval battle
DeathsNumb	205
Longitude	-6.057807
Latitude	36.13096
Place	A 25 ó 28 millas de Cádiz
Route	
Convoy	
Tonnage	0
Web	https://es.wikipedia.org/wiki/Santis%C3%ADtima_Trinidad_(nav%C3%ADo)
Comment	La batalla de Trafalgar fue una batalla naval que tuvo lugar el 21 de octubre de 1805, en el marco de la tercera coalición iniciada por Reino Unido, Austria, Rusia, Nápoles y Suecia para intentar derrocar a Napoleón Bonaparte
Image1	



ForSEAdiscovery:

<http://forseadiscovery.eu/>

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