

DHBENELUX Conference 2016

Material Culture and Spaces of Remembrance: A Study of Cemeteries in Luxembourg in the Context of the Greater Region

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University of Luxembourg
Research Unit IPSE – Institute of History



09 June 2016
Esch-sur-Alzette, Luxembourg

- Apps
- Meine Apps
- Einkaufen
- Spiele
- Familie
- Empfehlungen



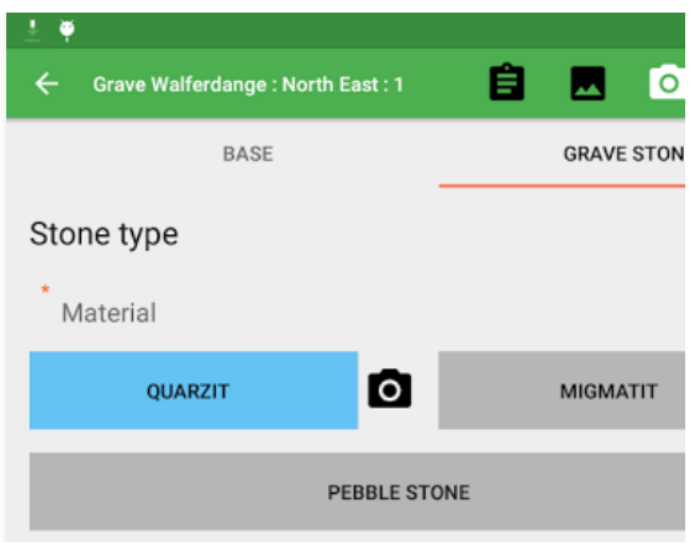
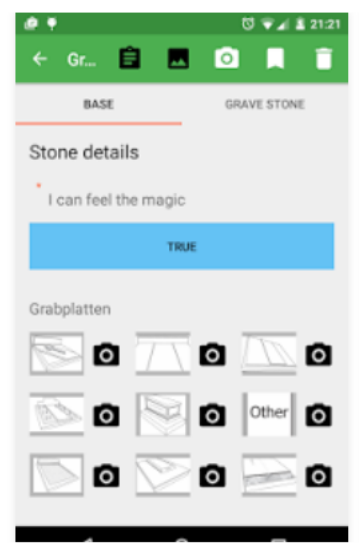
Cemetery Surveyor

Frakturmedia Effizienz

USK ab 0 Jahren

Zur Wunschliste hinzufügen

Installieren



Ähnlich



TopoDroid

marco.corvi

Höhlenvermessung auf Android

★★★★☆

C

Cemeteries

DHBenelux

Rippweiler

Test



S

Sections

Section A

Section B

Section C



G

Graves



1

10

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12

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14

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16

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18

19

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9



GRAVESTONE

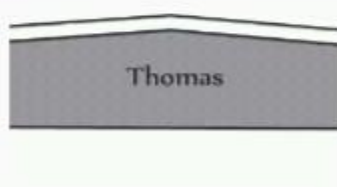
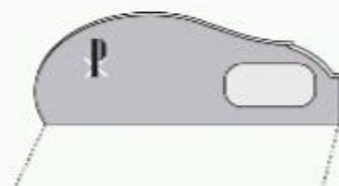
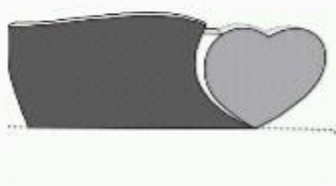
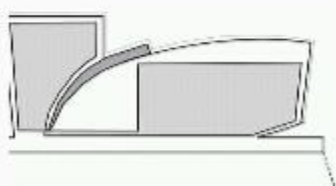
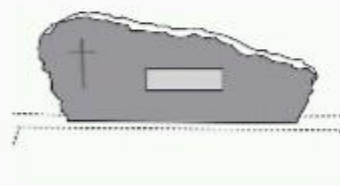
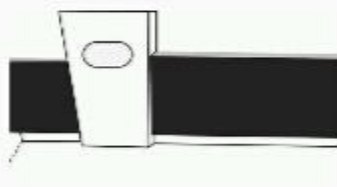
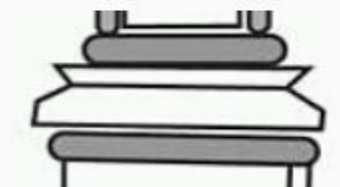
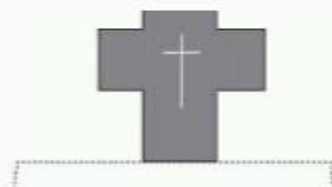
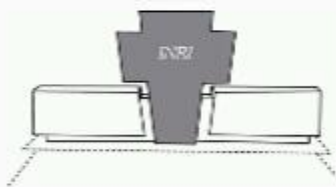
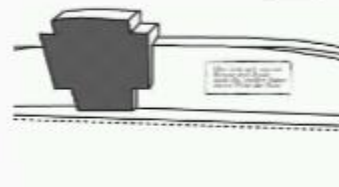
GRAVE

PARAPHERNALIA

LINGUISTICS

Gravestone Details

Gravestone type



GRAVESTONE

GRAVE

PARAPHERNALIA

LINGUISTICS

Horizontal Dimensions

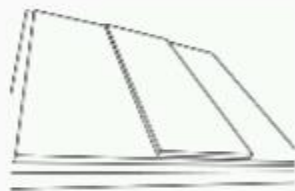
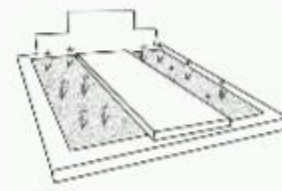
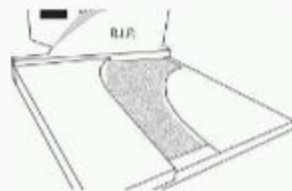
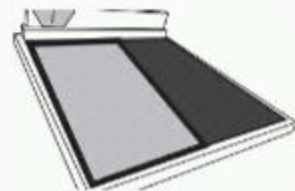
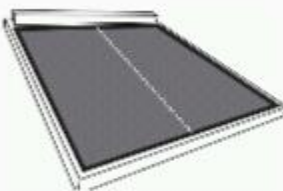
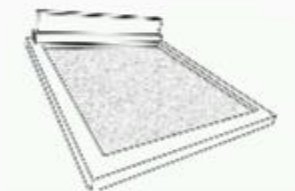
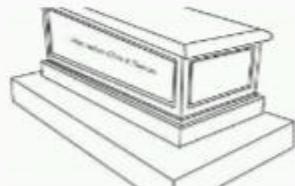
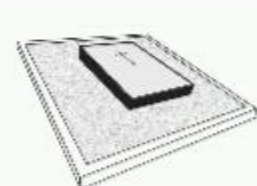
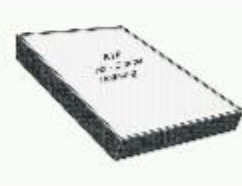
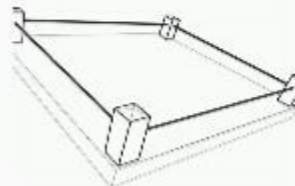
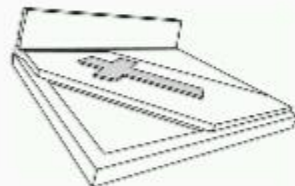
* Length

* Width

* Height

Grave Details

* Grave type



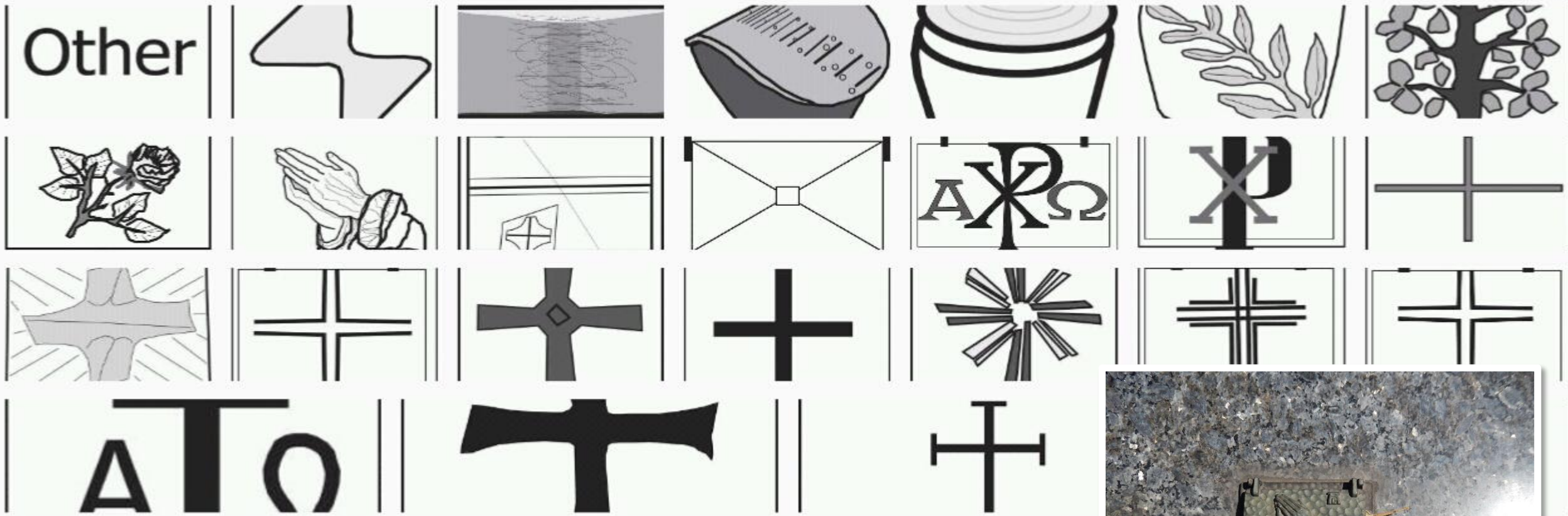
GRAVESTONE

GRAVE

PARAPHERNALIA

LINGUISTICS

Has a stoup



Floral

★ Number of flower and plant arrangements



GRAVESTONE

GRAVE

PARAPHERNALIA

LINGUISTICS

Dates

* Oldest year



* Most recent year



Names

* Number of occupants

* Family name

* Famille or families

FAMILLE

FAMILLES

* Maiden name

YES

NO

/Root/cemetery_su...16-05-14_21-11-22

cemetery_survey_application

export

data

2016-05-14_21-11-22

2016-05-17_14-18-10

pictures

+ template

+ thumbnails

+ thumbnails_small

+ DCIM

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Conditional Formatting: Normal, Bad, Good, Neutral, Calculation, Check Cell

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Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W		
1	cemetery_name,"section_name","_id","cemetery_id","section_id","grave_name","d_has_gravestone_radio","d_gravestone_height_measurement","d_gravestone_width_measurement","d_gravestone_depth_measurement","d_gravestone_type_radio_thu																							
2	Rippweiler,"A","5","2","2","1","Yes","310","75","75","4e-Cross (Calvary with Tree Cross on Cairn).jpg","Yes","No","Yes","Yes","No","No","grey","Coarse","250","500","25","1c-Stepped (Middle plate, partly open).jpg","No","null","Yes","No","grey","Polished","No"																							
3	Rippweiler,"A","14","2","2","10","Yes","95","170","12","1g-Block (wave).jpg","No","Yes","No","No","No","No","dark-grey","Polished","280","230","25","1a-Stepped (raised).jpg","No","null","No","null","dark-grey","Polished","No","null","3","2","null","null","Ye																							
4	Rippweiler,"A","15","2","2","11","Yes","97","166","14","2d-Composite (irregular).jpg","No","No","No","No","No","No","red","Polished","280","200","19","1e-Stepped (2 plates).jpg","No","null","No","No","red","Polished","No","null","7","4","null","null","Yes"																							
5	Rippweiler,"A","16","2","2","12","Yes","300","69","69","3a-Cippus (simple).jpg","Yes","No","Yes","Yes","Yes","No","grey","Coarse","280","510","24","1a-Stepped (raised).jpg","No","null","No","No","grey","Polished","No","null","4","2","","1","No","null","Yes"																							
6	Rippweiler,"A","17","2","2","13","Yes","100","235","12","1d-Block (pediment asymmetrical).jpg","No","Yes","No","No","No","No","grey","Polished","260","400","30","1f-Stepped (middle plate shorter).jpg","No","null","No","No","grey","Polished","No","null"																							
7	Rippweiler,"A","18","2","2","14","No","null"																							
8	Rippweiler,"A","19","2","2","15","Yes","100","200","15","1d-Block (pediment asymmetrical).jpg","No","Yes","No","No","No","No","grey","Polished","260","210","30","1a-Stepped (raised).jpg","No","null","No","No","grey","Polished","No","null","2","2","null"																							
9	Rippweiler,"A","20","2","2","16","Yes","300","80","80","3a-Cippus (simple).jpg","Yes","No","Yes","Yes","Yes","No","grey","Coarse","240","220","12","2a-Open.jpg","No","null","No","No","brown","null","No","null","4","3","1","null","No","null","Yes","1","No"																							
10	Rippweiler,"A","21","2","2","17","Yes","155","200","14","4b-Cross (composite symmetrical).jpg","No","No","Yes","Yes","No","No","black","Polished","250","500","16","1c-Stepped (Middle plate, partly open).jpg","No","null","Yes","No","black","Polished","No"																							
11	Rippweiler,"A","6","2","2","2","null","null","null","null","X-Unoccupied.jpg","null"																							
12	Rippweiler,"A","7","2","2","3","Yes","110","180","15","4c-Cross (composite asymmetrical).jpg","No","No","No","Yes","No","No","black","Polished","290","300","20","X-Other.jpg","Yes","Open","No","No","black","Polished","Yes","grey","3","2","1","0","Yes"																							
13	Rippweiler,"A","8","2","2","4","Yes","100","240","18","1d-Block (pediment asymmetrical).jpg","No","No","No","No","No","No","grey","Polished","255","520","25","1c-Stepped (Middle plate, partly open).jpg","No","null","Yes","No","dark-grey","Polished","No"																							
14	Rippweiler,"A","9","2","2","5","Yes","180","340","18","4b-Cross (composite symmetrical).jpg","No","No","No","Yes","Yes","No","grey","Both","260","500","25","1a-Stepped (raised).jpg","No","null","Yes","No","grey","Both","No","null","8","5","","3","Missing"																							
15	Rippweiler,"A","10","2","2","6","Yes","300","76","76","X-Other.jpg","Yes","No","Yes","No","Yes","No","grey","Coarse","280","500","30","X-Other.jpg","Yes","Closed","No","No","grey","Polished","No","null","6","2","null","2","Yes","Lampertz Troisvierges Walf																							
16	Rippweiler,"A","11","2","2","7","Yes","127","300","15","4b-Cross (composite symmetrical).jpg","No","No","Yes","Yes","No","No","black","Polished","280","500","37","1a-Stepped (raised).jpg","No","null","No","No","black","Polished","No","null","2","2","null"																							
17	Rippweiler,"A","12","2","2","8","Yes","110","300","14","2a-Composite (squared symmetrical).jpg","No","No","Yes","No","No","No","grey","Polished","260","500","30","1c-Stepped (Middle plate, partly open).jpg","No","null","Yes","No","grey","Polished","No"																							
18	Rippweiler,"A","13","2","2","9","Yes","135","260","15","X-Other.jpg","No","Yes","No","No","No","Yes","dark-grey","Both","280","500","35","1f-Stepped (middle plate shorter).jpg","No","null","No","Yes","dark-grey","Polished","No","null","6","2","null","2","Ye																							
19	Rippweiler,"B","41","2","3","","null"																							
20	Rippweiler,"B","22","2","3","1","Yes","113","235","15","1d-Block (pediment asymmetrical).jpg","No","Yes","No","No","No","No","grey","Polished","300","400","27","1a-Stepped (raised).jpg","No","null","No","No","grey","Polished","No","null","10","2","null"																							
21	Rippweiler,"B","31","2","3","10","Yes","94","180","12","1d-Block (pediment asymmetrical).jpg","No","Yes","No","No","No","No","dark-grey","Polished","260","260","33","1a-Stepped (raised).jpg","No","null","No","No","dark-grey","Polished","No","null","4",""																							
22	Rippweiler,"B","32","2","3","11","Yes","113","300","16","2b-Composite (div. pediments).jpg","No","No","Yes","No","No","No","grey","Polished","275","540","37","1a-Stepped (raised).jpg","No","null","No","No","grey","Polished","No","null","3","2","null","1"																							
23	Rippweiler,"B","33","2","3","12","No","","null","null","null","null","null","null","null","null","null","null","260","260","23","3b-Half-sarcophagus (cover stone).jpg","No","null","No","null","dark-grey","Polished","No","null","3","2","null","1","Yes","Jean Gils																							
24	Rippweiler,"B","34","2","3","13","No","null","null","null","null","null","null","null","null","null","null","260","260","34","1f-Stepped (middle plate shorter).jpg","No","null","No","No","brown-red","Polished","No","null","2","2","null","null","Yes","Jear																							
25	Rippweiler,"B","35","2","3","14","Yes","240","65","39","3a-Cippus (simple).jpg","Yes","No","Yes","Yes","No","No","black","Polished","270","525","37","1a-Stepped (raised).jpg","No","null","No","No","grey","Polished","No","null","2","2","null","null","No","nul																							
26	Rippweiler,"B","36","2","3","15","Yes","119","315","16","2c-Composite (squared asymmetrical).jpg","No","No","No","No","No","No","brown-red","Polished","270","505","31","1a-Stepped (raised).jpg","No","null","No","No","brown-red","Polished","No","nul																							
27	Rippweiler,"B","37","2","3","16","Yes","85","215","15","2c-Composite (squared asymmetrical).jpg","No","No","No","No","No","No","dark-grey","Polished","260","390","30","1f-Stepped (middle plate shorter).jpg","No","null","No","No","dark-grey","Polished"																							
28	Rippweiler,"B","38","2","3","17","No","null","null","null","X-Unoccupied.jpg","null"																							
29	Rippweiler,"B","39","2","3","18","Yes","119","200","15","4c-Cross (composite asymmetrical).jpg","No","No","No","Yes","No","No","black","Polished","260","290","30","1f-Stepped (middle plate shorter).jpg","No","null","No","No","black","Polished","No","nu																							
30	Rippweiler,"B","40","2","3","19","No","null","null","null","null","null","null","null","null","null","null","260","180","14","1f-Stepped (middle plate shorter).jpg","No","null","No","No","grey","Coarse","No","null","2","2","null","null","No","null","Yes"																							

1:1'182

Snapping

Georeferencing walfer_aerial.tif

Editor

Table Of Contents

- Layers**
- Walfer_graves
 - <all other values> gravestone
 - <Null>
 - 0
 - 1
 - gravestonetype_HotSpots
 - Gi_Bin
 - Cold Spot - 99% Confidence
 - Cold Spot - 95% Confidence
 - Cold Spot - 90% Confidence
 - Not Significant
 - Hot Spot - 90% Confidence
 - Hot Spot - 95% Confidence
 - Hot Spot - 99% Confidence
 - gravestonetype_ClustersOutl1
 - Not Significant
 - High-High Cluster
 - High-Low Outlier
 - Low-High Outlier
 - Low-Low Cluster
 - gravestonetype
 - Walfer_graves
 - gravestone_type
 - 0
 - 1a-Block (squared)
 - 1b-Block (pediment)
 - 1c-Block (with single peak asymmetrical)
 - 1cc-Block (Trapezoid)
 - 1d-Block (pediment asymmetrical)
 - 1e-Block (rounded edges)
 - 1f-Block (half circle)



ArcToolbox

- ArcToolbox
- 3D Analyst Tools
- Analysis Tools
- Cartography Tools
- Conversion Tools
- Data Interoperability Tools
- Data Management Tools
- Editing Tools
- Geocoding Tools
- Geostatistical Analyst Tools
- Linear Referencing Tools
- Multidimension Tools
- Network Analyst Tools
- Parcel Fabric Tools
- Schematics Tools
- Server Tools
- Spatial Analyst Tools
- Spatial Statistics Tools
- Tracking Analyst Tools

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- Layers
- Walfer_graves
 - <all other values> gravestone
 - <Null>
 - 0
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- gravestonetype_HotSpots
 - Gi_Bin
 - Cold Spot - 99% Confidence
 - Cold Spot - 95% Confidence
 - Cold Spot - 90% Confidence
 - Not Significant
 - Hot Spot - 90% Confidence
 - Hot Spot - 95% Confidence
 - Hot Spot - 99% Confidence
- gravestonetype_ClustersOutli1
 - Not Significant
 - High-High Cluster
 - High-Low Outlier
 - Low-High Outlier
 - Low-Low Cluster
- gravestonetype
- Walfer_graves
 - gravestone_type
 - 0
 - 1a-Block (squared)
 - 1b-Block (pediment)
 - 1c-Block (with single peak asymmetrical)
 - 1cc-Block (Trapezoid)
 - 1d-Block (pediment asymmetrical)
 - 1e-Block (rounded edges)
 - 1f-Block (half circle)



1:1'118

Snapping

Georeferencing walfer_aerial.tif

Editor

Table Of Contents

- Layers**
- Walfer_graves
 - <all other values> gravestone
 - <Null>
 - 0
 - 1
 - gravestonetype_HotSpots
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 - Cold Spot - 99% Confidence
 - Cold Spot - 95% Confidence
 - Cold Spot - 90% Confidence
 - Not Significant
 - Hot Spot - 90% Confidence
 - Hot Spot - 95% Confidence
 - Hot Spot - 99% Confidence
 - gravestonetype_ClustersOutli1
 - Not Significant
 - High-High Cluster
 - High-Low Outlier
 - Low-High Outlier
 - Low-Low Cluster
 - gravestonetype
 - 0
 - Walfer_graves
 - gravestone_type
 - 0
 - 1a-Block (squared)
 - 1b-Block (pediment)
 - 1c-Block (with single peak asymmetrical)
 - 1cc-Block (Trapezoid)
 - 1d-Block (pediment asymmetrical)
 - 1e-Block (rounded edges)
 - 1f-Block (half circle)



Catalog

Suggested Approach

- Download “Cemetery Surveyor” from Google Play store
- Pilot: Develop Gravestone/Grave/Paraphernalia, etc. typology
- Update standard JSON file, e.g. via ATOM text editor
- Collect data “on the spot” or “in the office”
- Export and apply CSV file in SPSS, ArcGIS, etc.



Opportunities

Standardized data collection, export and analysis

Full population

“Clean” data output for immediate analysis

User friendliness?

Time saving?

Explanatory power of software?

Exploration?



Challenges

