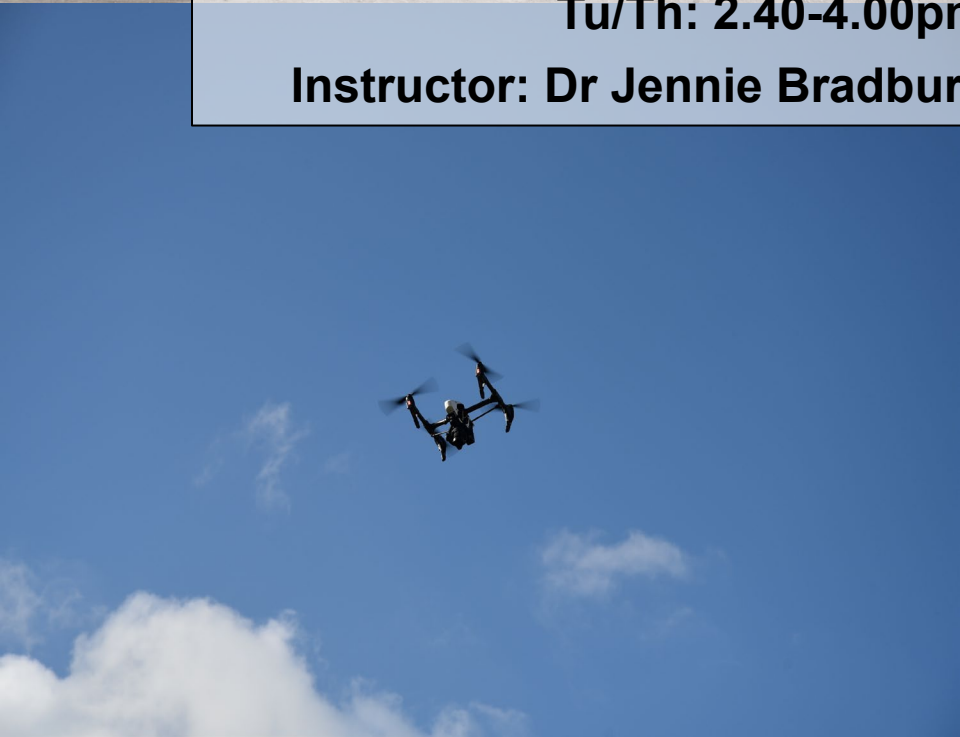




**ARCH B233: Topics in Archaeological Principles and Methods:
Fieldwork**

Tu/Th: 2.40-4.00pm, Old Library 251

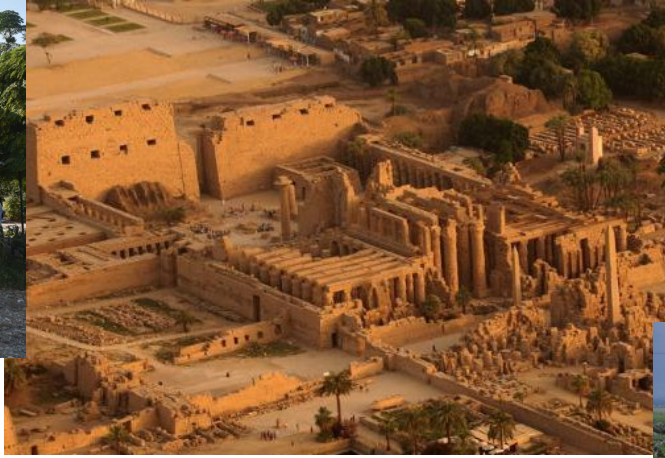
Instructor: Dr Jennie Bradbury (jbradbury@brynmawr.edu)



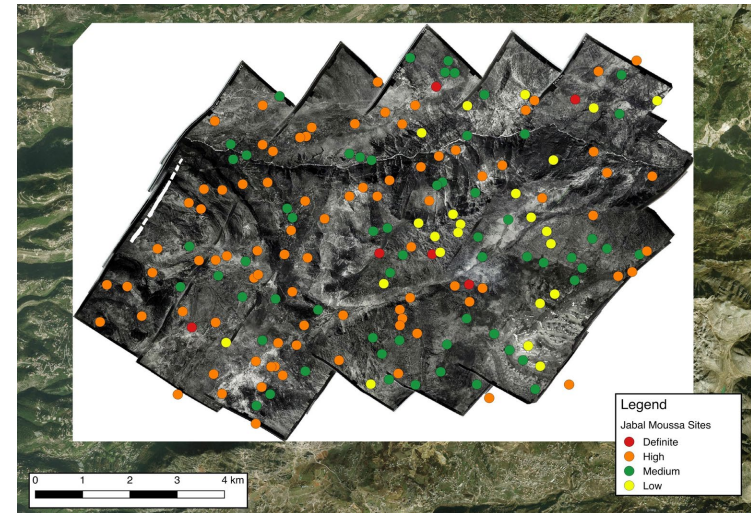
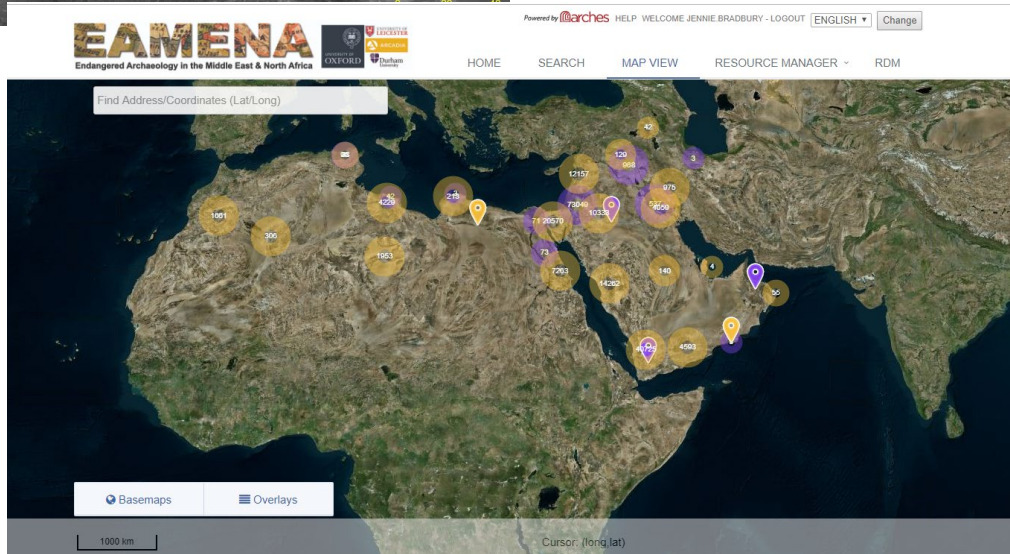
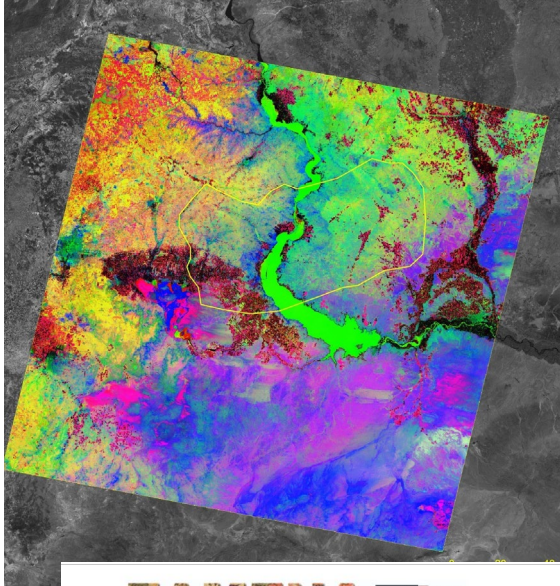
Welcome to ARCH 233: Week 1

- Introductions and getting to know one another
- Class Exercise: Archaeological terms, techniques and equipment
- Topics and Syllabus (class expectations)
- Introduction to Assignments 3 and 4
- Class Exercise: Archaeological Site Identification
- Archaeological Fieldwork from beginnings to now
- Introduction to Assignments 1 and 2
- Class Exercise: Example Quiz
- Class Exercise: Archaeological terms, techniques and equipment

September 8th and 10th: Defining Archaeological Sites



September 15th and 17th: Archaeology from above at the big scale





(a)



0 50 100 200 300 400 Meters



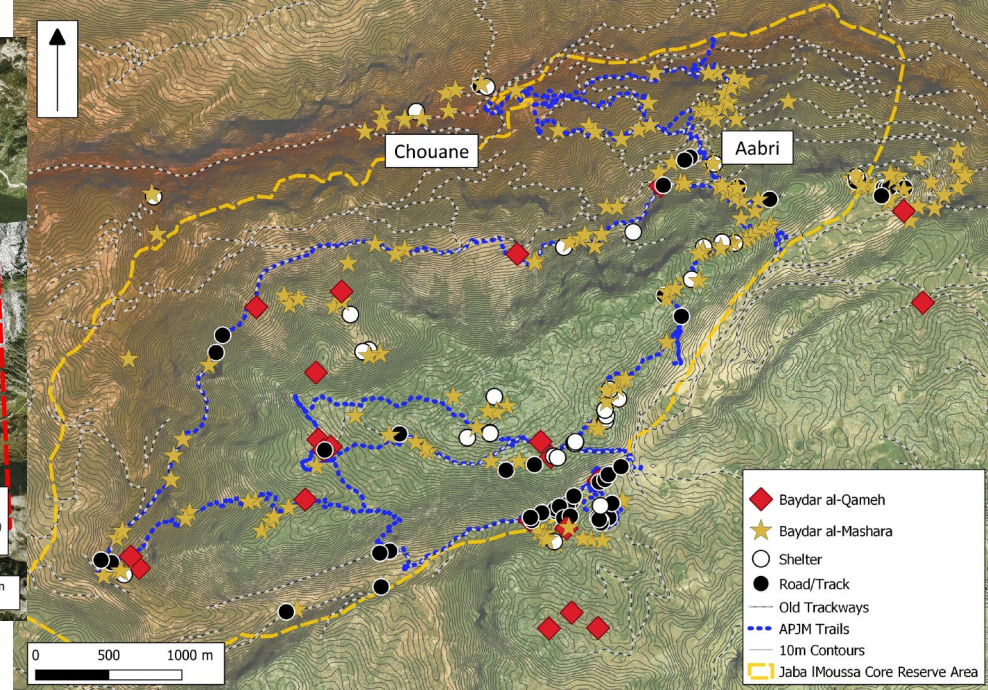
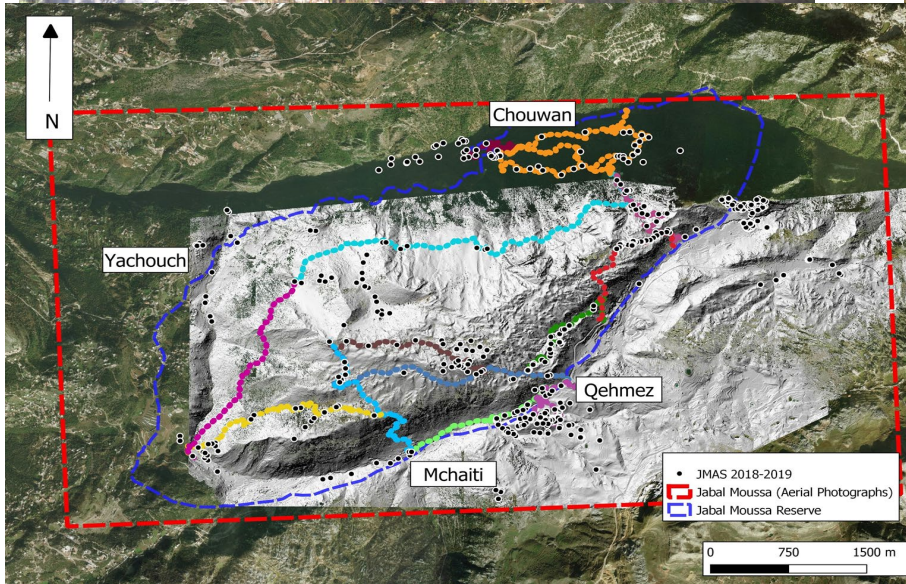
(b) Homs Basalt, Syria 2002



(Rayne, Bradbury et al. 2017: Figure 15)

0 50 100 200 300 400 Meters

September 29th and October 1st: Mapping archaeological features



SHR 362

Wall line merging with later rectilinear field system



Wall line running over the top of cairns

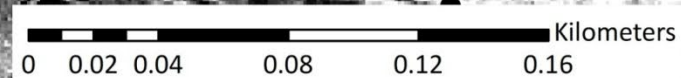
Cairns built in between and on top of wall line

Double wall line

Single wall line

Legend

● Surveyed Cairns

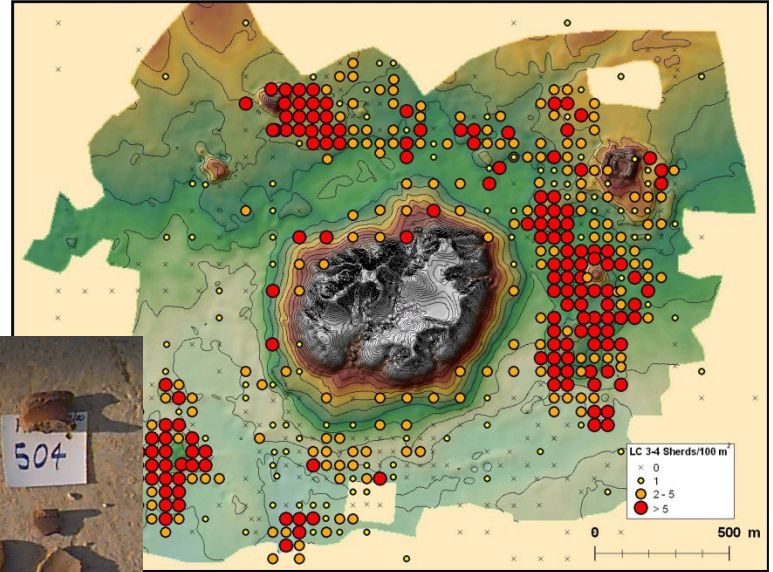


September 22nd and 24th: Fieldwalking and landscape methods

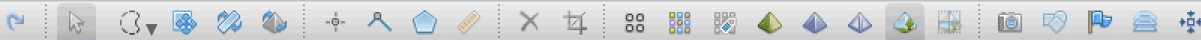
EAMENA Disturbance/Threat Record Sheet

*If there is more than one disturbance at the site, assign a number to each one to link Disturbance Cause/Category/Effects/Date(s)

Site: XC5 278	Date: 17/6/19	Initials: MS
Condition: ☐ Good ☒ Fair ☐ Poor ☐ Very Bad ☐ Destroyed ☐ Unknown		
Disturbance Extent: ☐ 1-10% ☐ 11-30% ☐ 31-60% ☐ 61-90% ☐ 91-100%		
☐ Unknown ☐ No Visible/known		
Disturbance Cause(s):		
No Visible/known	Explosion/Heavy Weaponry	Maintenance/Prevent.
Animals/Pest Infestation	Fire	Mine/Quarry (Open Pit)
Clearance (Bulldozing)	Flooding	Mine/Quarry (Surface)
Clearance (Hand)	Graffiti	Mine/Quarry (Sub-Surf)
Clearance (Unclassified)	Grazing/Animal Movement	Mine/Quarry (Unclass.)
Conservation	Gunfire/Light Weaponry	Occupation/Cont. Use
Construction	Inundation	Ploughing
Demolition	Irrigation (Centre Pivot)	Pollution
Drilling	Irrigation (Channels)	Precipitation
Dumping	Irrigation (Unclassified)	Railway
Excavation (Machinery)	Land/Rock Slide	Reconstruction
Excavation (Hand)	Landmines	Road/Track
Excavation (Unclass.)	Landscape	Seismic Activity
Stationary Vehicle		
Structural Robbing		
Temp./Humidity Change		
Tunnelling		
Veg./Crops/Trees		
Volcanic Eruption		
Water Action		
Wind Action		
Unknown		
Other (specify):		
Disturbance Category:		
Agricultural/Pastoral	Funerary/Memorial	Military
Archaeological	Hunting/Fishing	Natural
Defensive/Fortification	Hydrological	Public
Development	Industrial Productive	Religious
Domestic	Infrastructure/Transport	Status/Display/Monum.
Entertainment/Leisure	Looting	Tourism/Visitor Activity
Trade/Commercial		
Utilities		
Unknown		
Other (specify):		
Disturbance Effect(s):		
Access Restriction	Chemical Leaching	Earth Displacement
Alteration of Terrain	Collapse/Structural Damage	Erosion
Artefact Displacement	Compacting	Loss of Arch. Material
Burning	Covered	Relocation of Features
Other (specify):		
Date(s) of Disturbance(s): (if known)		
17/6/19		
Threats: (choose from Disturbances above)		
Cause: Power plant	Category: Industrial productive	Planned, Probable, Possible: planned



Niche_experiment_10_10_2017.psx

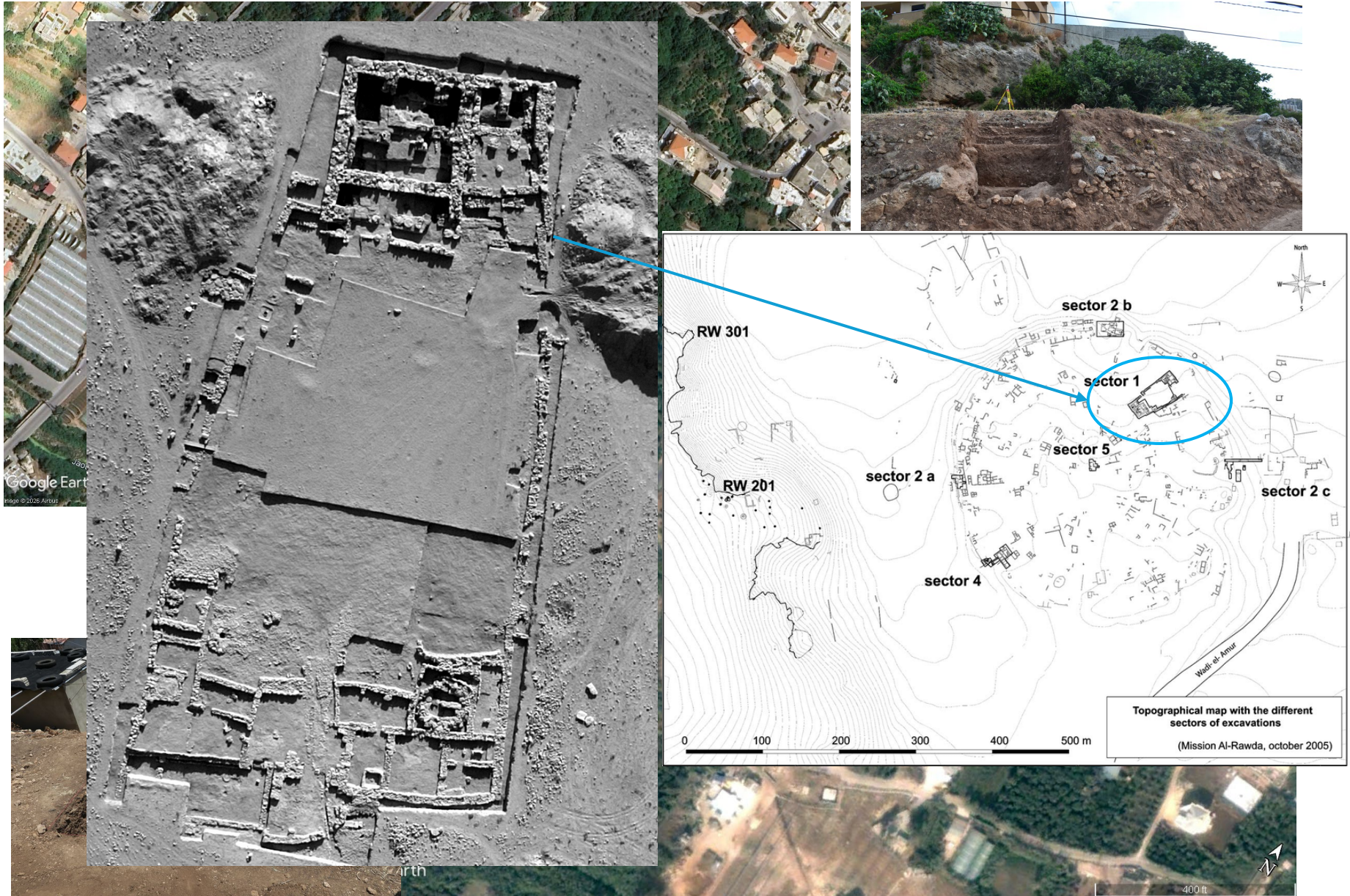


Model



Tell ar-Rawda (Castel 2007: Figure 3a)

October 20th and 22nd: Why and where do we dig?





Aerial photograph of the site (1973), Dibsi Faraj Archive – Durham University (UK)





October 27th and 29th: How do we dig and record?



Kubbah Coastal Survey Project-Context Sheet

Site Name:

Square:

Opened / /2019

Context No:

Closed / /2019

Completed By:

Date:

Section No:

Sketch Plan No:

Plan No:

Photo No:

Character of Context: Stratified ☐ Unstratified ☐
(e.g. cut, layer, fill, structure)

Extension Structure:

Character of Layer Material:

See overleaf for further description

Profile Direction:

Coordinates (XY):

Level (Z):

Physical Relationships:

P1

P1

Underlies

P2

P2

Overlies

P3

P3

Cut By

P4

P4

Cut Into

P5

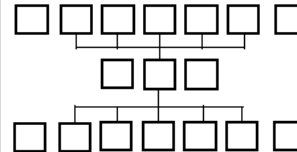
P5

Within

Same as

Associated with

Stratigraphic Relationships:



Notes:

Collections:

☐ Ceramics

☐ Lithics

☐ Glass

☐ Slag

☐ Metal

☐ Organics (e.g. Leather, Wood)

☐ Bones

☐ Shell

☐ Other (please specify)

Small find numbers

(if applicable):

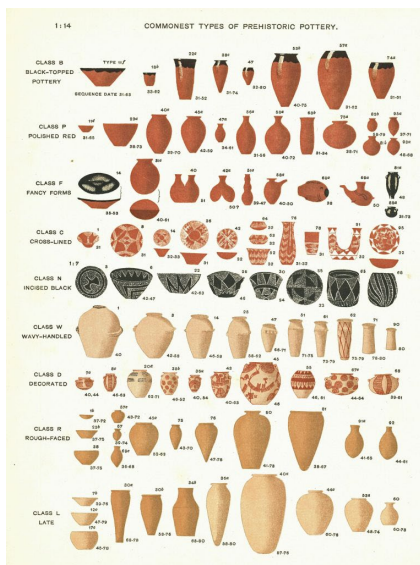
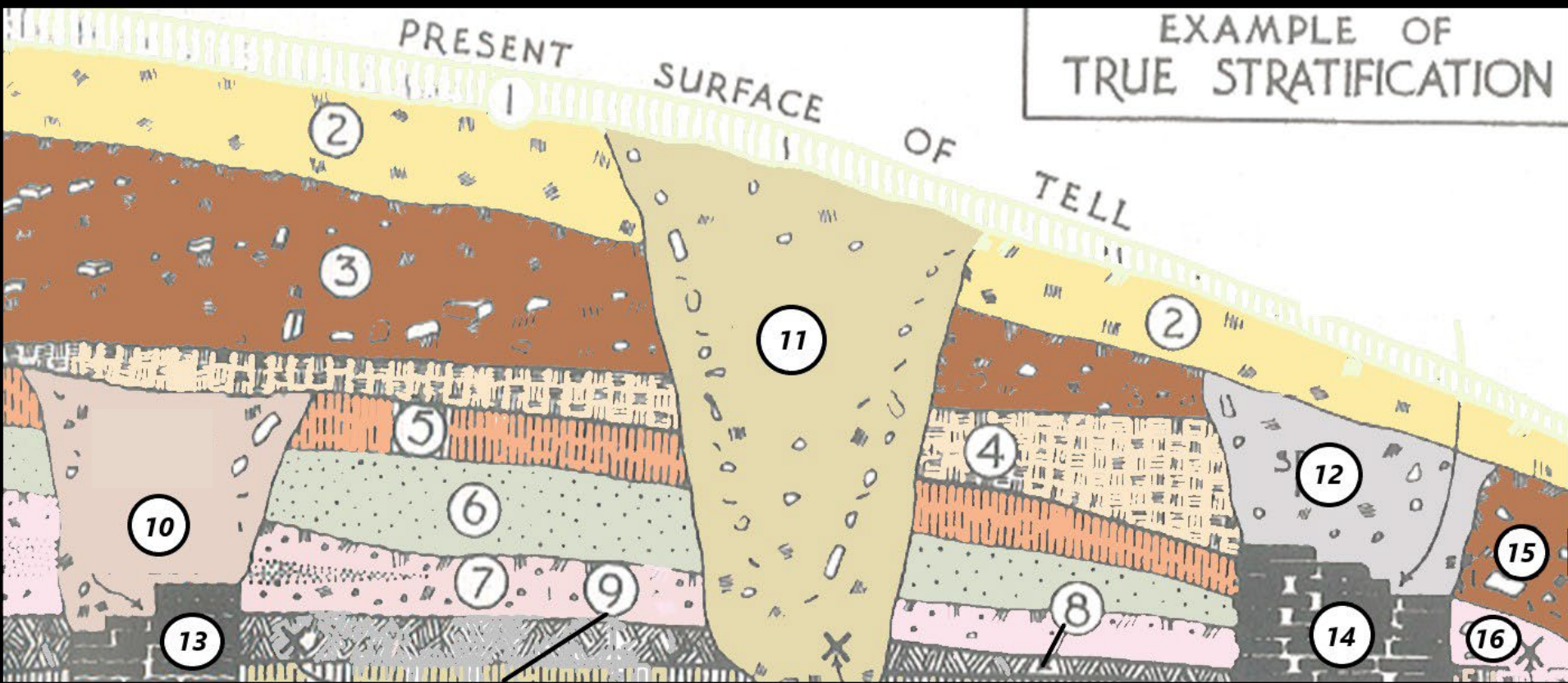
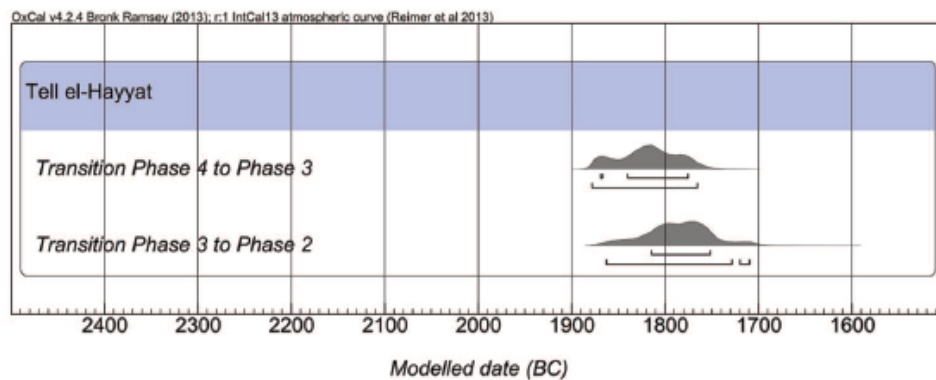


FIGURE 5: Tell el-Hayyat: Calculated date ranges for the transitions from Phase 4 (Middle Bronze I) to Phase 3 (Middle Bronze I/II) and from Phase 3 (Middle Bronze I/II) to Phase 2 (Middle Bronze II/III).



Höflmayer, Felix. 2017. "A Radiocarbon Chronology for the Middle Bronze Age Southern Levant." *Journal of Ancient Egyptian Interconnections* 13: 20–33.

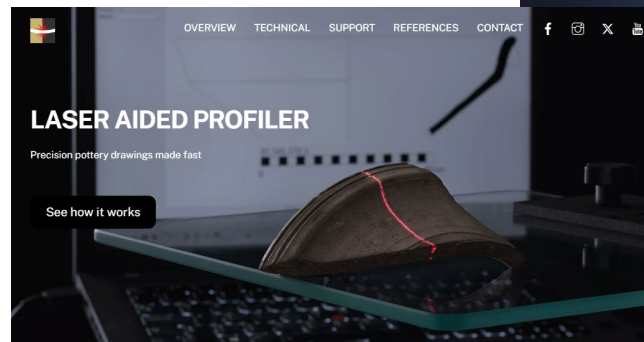
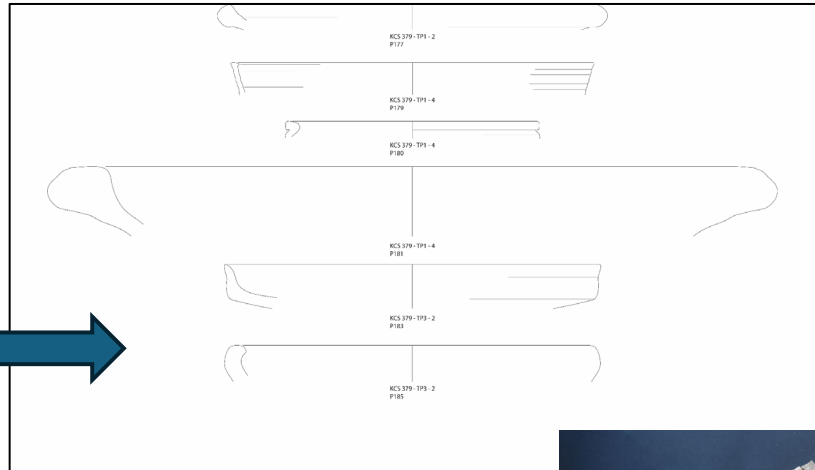
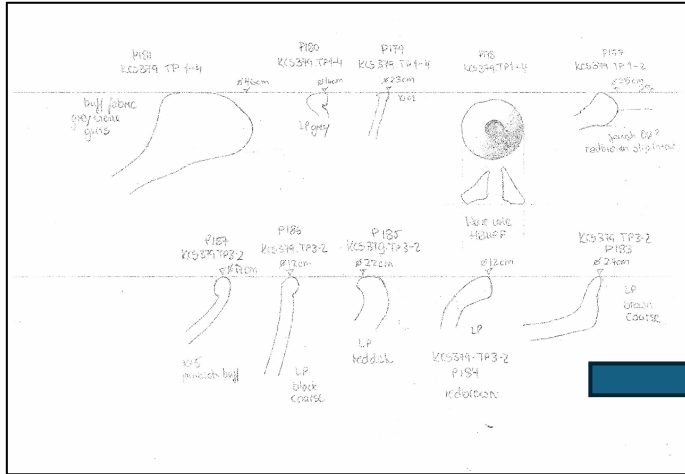
November 3rd and 5th: Processing artefacts from fieldwork



MZH22
M10.57



November 10th and 12th: Representing and interpreting artefacts from fieldwork



November 17th and 19th: Databases, spreadsheets and archaeological data

Glass

KCS 379 TP1-4 2019

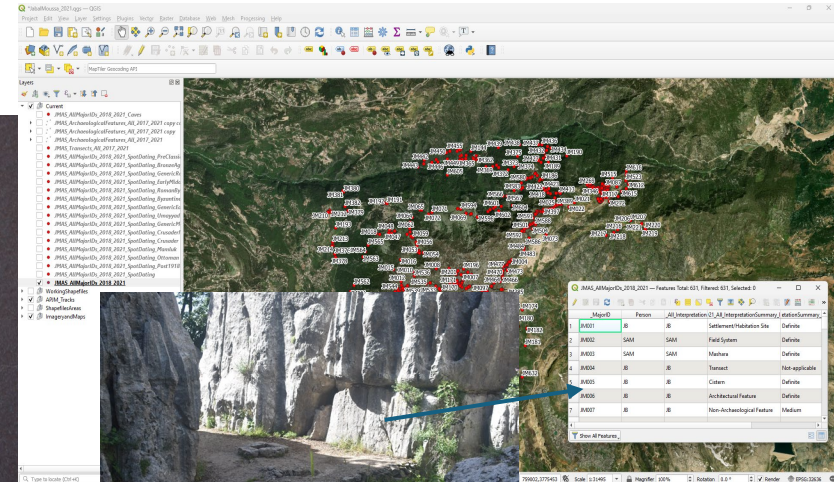
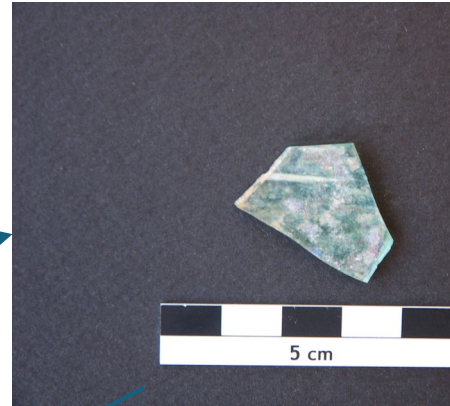
- 5 WS bläul. / bläul.-grünl.
- 1 WS grünl.
- 1 WS farblos mit braunem ringförmigem Blob
- 1 WS mit Fadeneinfuge grünl.
- 1 RS farblos bläul., große Blasen
- alle insiert, antikes Glas

KCS 379 TP2-2 2019

- 4 WS grünl.
- 1 WS kernstein
- 1 WS farblos
- 4 WS bläul. / bläul.-grünl.
- 1 RS window pane gewellter Rand grünl.-bläul.
- 1 RS Schw.
- 1 Flaschen
- 1 RS farblos
- 1 WS Rippe
- 1 WS "

KCS 379 TP1-4 2019

- 1 WS grünl.
- 1 blob grün



Year	Photo ID	Find	Description	Pre-Neolithic	Neolithic	Bronze Age	4th millennium BCE	EB III	EB II	EB I	BA/IA	LM I/II	LM III	RM	MM	AM	AN	AN (Canaan)	Neolithic	Pre-Neolithic
KCS 001	2016	91 finds, few diagnostics; 3 u/d too small	herds EBA (EB II-III) including combed wares and 1 EBA rim sherd simple rounded rim; 2 x poss. 4th? Light, highly tempered mineral					Definite										Probable		
KCS 002	2016	No pottery																		
KCS 003	2016	No pottery																		
KCS 004	2016	40 sherds total, 3 u/d; 10 sherds EBA/EBII-III, inc. 1 combed ware sherd - coarse orange buff (Metallic/Combed Ware); dense, tiny to large white and sherds/lum grits; exterior horizontal combing - EBA and 1 flat base? Coarse orange buff, dense, tiny to medium white and grey grits - EBA?					Definite											Definite		
KCS 005	2016	10 sherds, 1 roof tile, no diagnostics	ly mineralized-poss early-3 sherd(?) orange buff, 1x very poorly sorted tempering, angular grits, 2x relatively well sorted inclusions	Possible		Possible												Possible		
KCS 017	2016	Photo ID 6580-6582: buff self-slippped body sherds (cord impressed) - Neolithic; Photo ID 6583-6584: 12 orange buff, self-slippped body sherds - EBA/4th Millennium or could also be Neolithic?	range buff body sherds; medium density, tiny white and grey grits (jar frags) - EBA; 2 buff, self-slippped body sherds; medium density, white and grey grits (jar frags) - EBA; 4 buff, body sherds; medium density tiny white and grey grits (jar frags) - EBA; 9 all-c/Combed Ware body sherds; orange, pink and buff, medium density, tiny white and grey grits. Exterior horizontally combed - EB ? buff self-slippped body sherds (cord impressed), dense, tiny white and grey grits - Neolithic-Photo 6580-6582, 12 orange buff, self-slippped body sherds; medium density, tiny white and grey grits - EBA/4th Millennium or could also be Neolithic-Photo 6583-6584; 3 grey buff, dense, tiny white and grey grits - 4th Millennium?; 2 buff, red painted body sherds; dense, tiny grey and white grits - 4th millennium?	Definite		Possible	Definite													
KCS 018	2016	Photo ID 7186-7190 (2025): Collection of EBA material from KCS 018-1	Scraping Circles - see separate notes for details															Definite		Definite

November 24th (no class on Thursday- Thanksgiving): Reconstructing and reimagining archaeological sites



December 1st and 3rd: From field work to field report

