



# CrowdHeritage

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IMPROVING THE QUALITY OF CULTURAL HERITAGE THROUGH  
CROWDSOURCING METHODS

Spyros Bekiaris, NTUA



# Platform Overview

CrowdHeritage beta

HOME PARTNERS ABOUT 🇬🇧 Spyros Bekiaris

CONTRIBUTE TO OUR CULTURE!

7 CAMPAIGNS

LEARN MORE

## WHAT IS CROWDHERITAGE

CrowdHeritage is an open platform where cultural heritage institutions can share their collections' metadata that need a fix or enrichment, and everybody can contribute to improve them. Cultural institutions will exploit the wisdom and power of the crowd to make their digital collections more discoverable and contributors will get their share of glory and also some gratitude back! Start joining a campaign now or contact us if you want to set-up your own.

CLOSED

CROWDSOURCING CAMPAIGNS

SORT BY START DATE

colours



### Catwalk colours

Help us in validating the automatically extracted colours of the outfits in these catwalk photos from three iconic couture collections in the EFHA archive. For the first three top contributors a total of 225€ in Amazon coupons!



START DATE	END DATE	CONTRIBUTORS
01/10/2019	01/12/2019	45

CrowdHeritage beta

HOME PARTNERS ABOUT 🇬🇧 Spyros Bekiaris

CAMPAIGN

Catwalk colours

RETURN TO CAMPAIGN LIST

Hello Spyros!  
Continue contributing to earn your first badge.

Keep annotating to win your Amazon coupon!

- Gold Badge: 100€ coupon
- Silver Badge: 75€ coupon
- Bronze Badge: 50€ coupon

TAGS	UPVOTES	DOWNVOTES
0	5	9

POINTS	ITEMS	CAMPAIGN RANK
14	4	34

KARMA  
100%

Contribute more and unlock new badges. You can find the general statistics regarding the campaign below.

GOAL

Help us in validating the automatically extracted colours of the outfits in these catwalk photos from three iconic couture collections in the EFHA archive. For the first three top contributors a total of 225€ in Amazon coupons!

START DATE	END DATE
01/10/2019	01/12/2019

CONTRIBUTORS	PROGRESS
45	100% 32583/20000

VALIDATE CAMPAIGN RESULTS

COLLECTIONS  
SELECT TO CONTRIBUTE

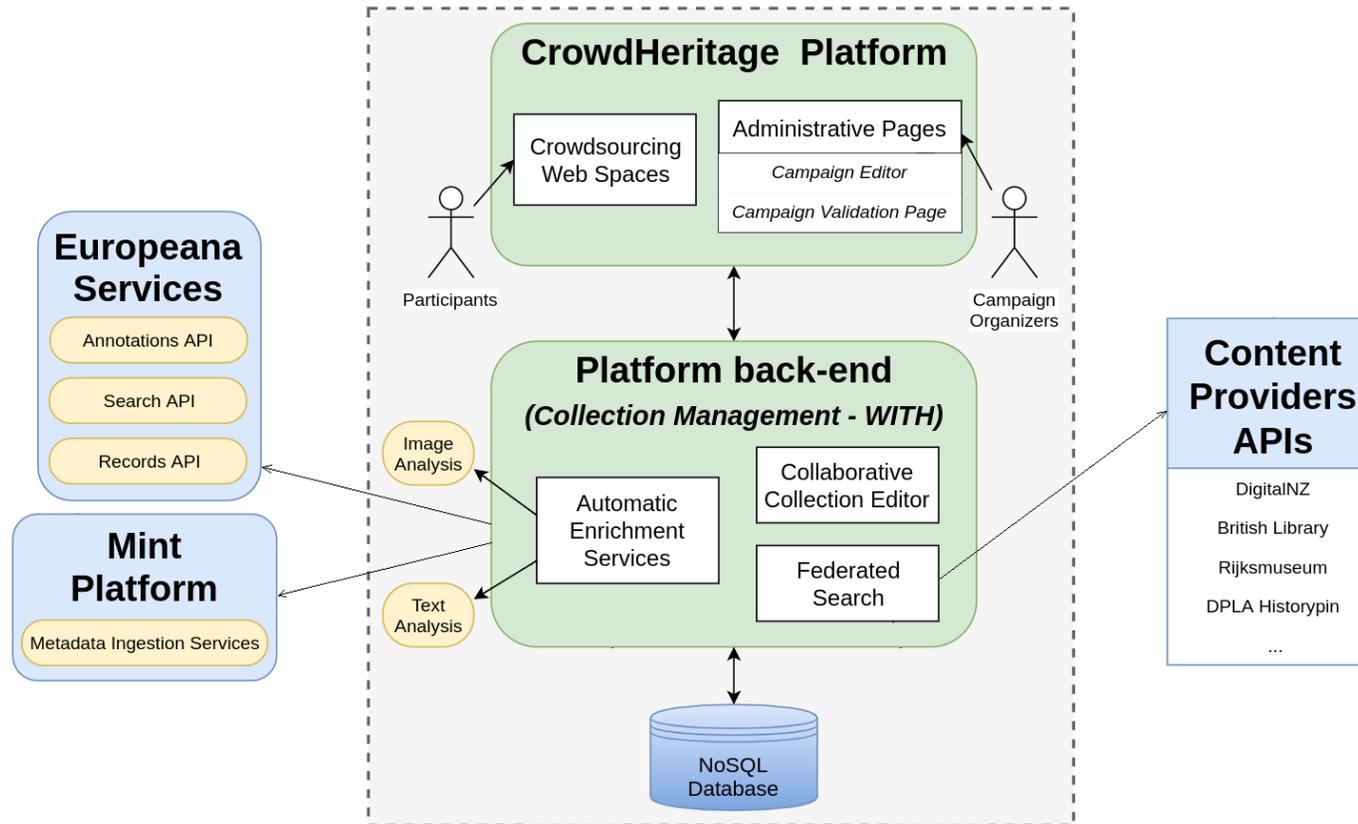
	876 ITEMS Gianni Versace 1990-1997 Curated by European Fashion Heritage Association
	841 ITEMS Alexander McQueen 2001-2010 Curated by European Fashion Heritage Association
	746 ITEMS Hussein Chalayan 1997-2014 Curated by European Fashion Heritage Association

CAMPAIGN LEADERBOARD

1		Davide Fiorito	7181 POINTS
2		Fotini Komininou	7104 POINTS
3		Valentina Lani	6659 POINTS
4		George Marandianos	4392 POINTS
5		Susanna Maurizi	892 POINTS
6		Versace Lover	819 POINTS
7		Adrian Murphy	604 POINTS
8		Roxane Kamaroudis	573 POINTS
9		magda molina	548 POINTS
10		Claudio Meschini	540 POINTS
11		Kostas Sismanis	505 POINTS
12		Katerina Katsaouni	428 POINTS



# Architecture



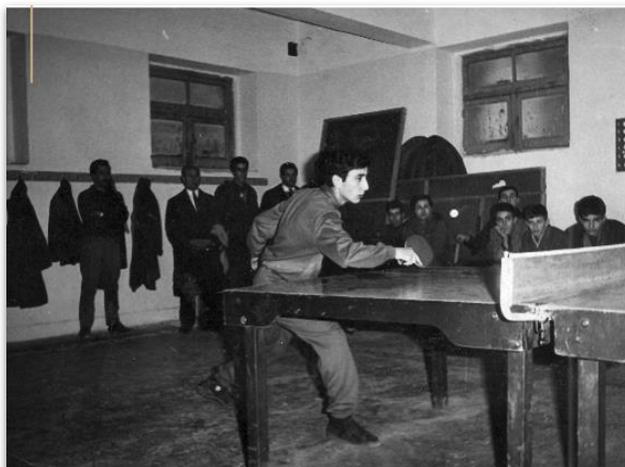
# Annotation Metadata Model

**Table tennis**

<http://www.wikidata.org/entity/Q3930>

**Competition**

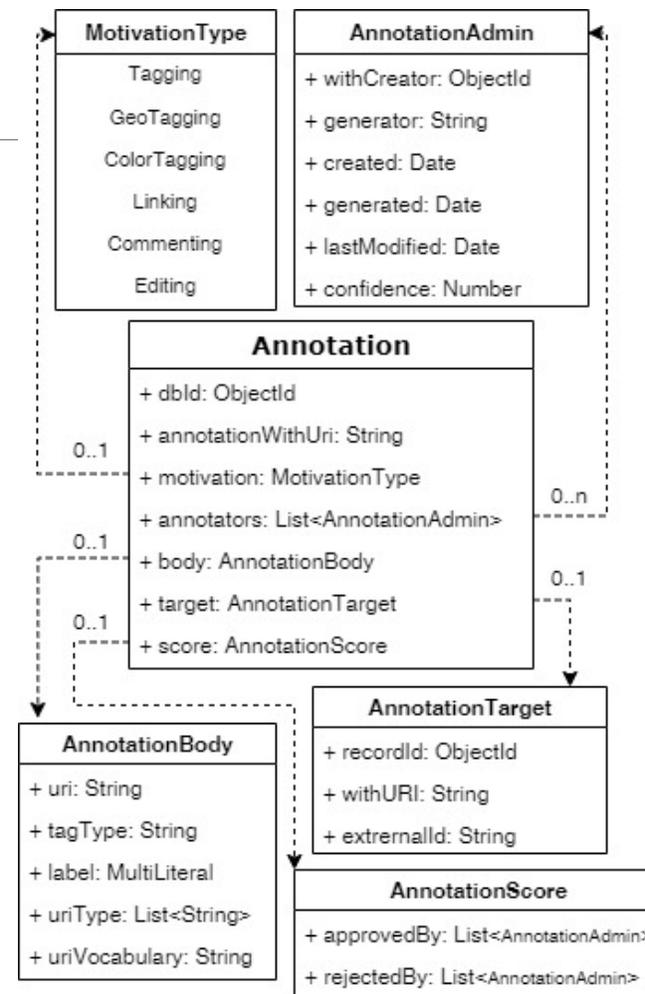
<http://www.wikidata.org/entity/Q476300>



DESCRIPTION  
Αταξινόμητη φωτογραφία  
Επιτραπέζια Αντισφαίριση (Table Tennis) 11

CREATOR  
[UnknownCreator](#)

CONTENT PROVIDER  
Χριστιανική Αδελφότητα Νέων  
Θεσσαλονίκης (XANG)



# Collection management

My Collections Collections shared with me Import Collection ↓ + New Collection



Welcome to My Collections

This is **My Collections**. All collections created by and shared with you will be presented

Europeana Collection  
Europeana Search

+ Upload Image

Search...

44 Collections

Sort by Date ↓



Scenes and people from ...

Curated by Sofie Taes  
780 Items



Scenes and people from ...

Curated by Sofie Taes  
707 Items



From posters to pellicule...

Curated by Sofie Taes  
951 Items



Ready to roll: film set sn...

Curated by Sofie Taes  
25 Items



Live on stage

Curated by Sofie Taes  
214 Items



Fifties advertisements: t...

Curated by Sofie Taes  
25 Items



From solo to ensemble: ...

Curated by Sofie Taes  
116 Items



Scandinavia's women

Curated by Sofie Taes  
2,075 Items

Bears and Bambis: Children's Day in Hungary

Every year on the last Sunday of May, Hungarian children are celebrated with a day dedicated to their favorite things. Master-photographer Sandor Bauer portrayed excited toddlers and their entertainers in this beautiful little picture set. With performing bears, magicians, balloons, cake and the iconic orange soda 'Bambi', this edition of Children's Day catered to the taste of even the most discerning among partygoers!

Search...

11 Items



Gyermeknap m\u00fasor

By Bauer S\u00e1ndor,  
f\u00e9nyk\u00e9p\u00e9sz

europaana.eu



Medveet\u00e9s  
gyermeknapon

By Bauer S\u00e1ndor,  
f\u00e9nyk\u00e9p\u00e9sz

europaana.eu



B\u00fcd\u00e9szmutatv\u00e1ny

By Bauer S\u00e1ndor,  
f\u00e9nyk\u00e9p\u00e9sz

europaana.eu



Gyermeknap  
rendezv\u00e9ny a  
Casinoban

By Bauer S\u00e1ndor,  
f\u00e9nyk\u00e9p\u00e9sz

europaana.eu



Gyermeknap  
s\u00fat\u00edz\u00e9s az  
elmaradhatatlan  
Bambival

By Bauer S\u00e1ndor,  
f\u00e9nyk\u00e9p\u00e9sz

europaana.eu



Gyermeknap  
rendezv\u00e9ny a  
Mack\u00f3 cukiban, a



Medveet\u00e9s a  
gyermeknap  
m\u00fasoron

By Bauer S\u00e1ndor,



Maci a  
gyermekm\u00fasoron



AILLS



CrowdHeritage.eu

# Use cases and Functionalities

colours



## Catwalk colours

Help us in validating the automatically extracted colours of the outfits in these catwalk photos from three iconic couture collections in the EFHA archive. For the first three top contributors a total of 225€ in Amazon coupons!



START DATE      END DATE      CONTRIBUTORS  
 01/10/2019    01/12/2019    45

composers



## Representations of famous composers

Have fun to identify famous composers such as Mozart, Bach, Beethoven or Liszt on the different pictures of these collections! For the first three top contributors a total of 225€ in Amazon coupons!



START DATE      END DATE      CONTRIBUTORS  
 15/10/2019    15/12/2019    28

instruments



## Early musical instruments

Use all your knowledge and your skills to recognize the ancient music instrument on pictures of the collection! For the first three top contributors a total of 225€ in Amazon coupons!



START DATE      END DATE      CONTRIBUTORS  
 15/10/2019    15/12/2019    25

## COLLECTIONS

SELECT TO CONTRIBUTE



**53** Jean-Philippe Rameau (1683-1764)  
 ITEMS Curated by French Ministry of Culture



**231** Johann Sebastian Bach (1685-1750)  
 ITEMS Curated by French Ministry of Culture



**800** Wolfgang Amadeus Mozart (1756-1791)  
 ITEMS Curated by French Ministry of Culture



**211** Ludwig van Beethoven (1770-1827)  
 ITEMS Curated by French Ministry of Culture

**COLLECTION**

## Ludwig van Beethoven (1770-1827)

**HIDE** ▾

MY ANNOTATED ITEMS

# Use cases and Functionalities



## Kupferstich



### TAGS

Describe the types of buildings (houses, palaces, towers, castles, huts, villas, seelights etc.), means of transports (cars, chariots, buses, trams, trains, etc.), landscapes and geographical elements (sea, hill, mountain, desert, river, lake, wood, etc.), jobs (farmers, sailormen, artisans etc.). You can validate it first by checking on the thesaurus before adding the tag.

- City 4 0
- Road 3 0
- House 3 0
- Monument 3 0
- Horse 2 0

**DESCRIPTION**  
Die Esplanade in der Peters Vorstadt zu Leipzig

**CREATOR**  
Bergmüller (Kupferstecher)

**CONTENT PROVIDER**  
Stadtgeschichtliches Museum Leipzig

See it in Europeana

### GEOTAGGING

Add geographical information about the picture (e.g. countries, locations and landmarks)

### Gianni Versace, Spring-Summer 1995, Couture

**ITEM METADATA**

**PLACE**  
Paris

**CREATOR**  
Gianni Versace

**RIGHTS STATEMENT**  
Foto: Anselmi

See it in Europeana

**CREATION DATE**  
1995

**PHOTOGRAPHER**  
Etienne Tordoir

**CONTENT PROVIDER**  
CATWALK PHOTOS

**COLOR TAGGING** FULLSCREEN

Upvote and downvote the dominant colours of the garment displayed in the left picture that have been automatically extracted by our algorithm and listed below. If a dominant colour is not listed, you can add it by clicking on the palette below. Remember just to identify (upvote) not more than two top dominant colours of the dress and not of the accessories and downvote just the colours that don't appear at all.

Black

Grey

Brown

Red

Orange

Beige

Yellow

Green

Blue

Purple

Pink

White

Copper

Silver

Bronze

Gold

Multicolor

Transparent

Vote the two top dominant colours of this dress.

Red	4	0
White	4	0
Black	4	0
Brown	3	5
Grey	1	6
Pink	0	7

PREVIOUS ITEM NEXT ITEM

# Use cases and Functionalities

CAMPAIGN

## Catwalk colours

100%

RETURN TO CAMPAIGN LIST >



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- Bronze Badge: 50€ coupon

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0	5	9
POINTS	ITEMS	CAMPAIGN RANK
14	4	34
KARMA		
100%		

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01/10/2019	01/12/2019
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6		Versace Lover	819 POINTS

# Administrative functionalities

Editing Campaign: african-folk-music

Page Settings Styling Preview Campaign

Content

Annotation Process

+ New Crowdsourcing Campaign

New Crowdsourcing Campaign

TITLE

African Folk Music

DESCRIPTION

Have an ear for musical instruments? Use your talent to tag all the instruments you hear in the music archives!

DURATION

2019-01-21 - 2019-02-21

Feb 2019 Mar 2019

Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2	24	25	26	27	28	1	2
3	4	5	6	7	8	9	3	4	5	6	7	8	9
10	11	12	13	14	15	16	10	11	12	13	14	15	16
17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28	1	2	24	25	26	27	28	29	30
3	4	5	6	7	8	9	31	1	2	3	4	5	6

2019-02-06 - 2019-03-21

Cancel Apply

CrowdHeritage beta

HOME PARTNERS ABOUT Spyros Bekiaris

CAMPAIGN VALIDATION

Cities and Landscapes

PUBLISH TO EUROPEANA EXPORT CONTRIBUTORS (CSV) EXPORT ANNOTATIONS (JSON)

Select a tag from the list and view all the campaign records that have been annotated with it.

city ship monument house building sea boat hill mountain human settlement road Italian Republic car wood garden river man village Lake wheeled vehicle

Search for a Tag : ship

You have selected 2 annotations :

Cancel Selection Delete Annotations SHIP

SORT BY UPVOTES

# PAGODE crowdsourcing campaign



RETURN TO CAMPAIGN LIST >



707 ITEMS  
Scenes and people from China  
Curated by Sofie Taes



780 ITEMS  
Scenes and people from China [vol 2]  
Curated by Sofie Taes

TAGS UPVOTES DOWNVOTES  
0 1 0  
POINTS ITEMS CAMPAIGN RANK  
1 2 32

KARMA  
100%

Contribute more and unlock new badges.  
You can find the general statistics regarding the campaign below.



Keep annotating to win your badge!

GOAL

If you'd have to describe these images to someone else, which keywords would you use? Keep this question at the back of your mind while viewing these images: it will help you add tags reflecting what you see or know about each picture, which in turn will help people to discover them in Europeana. You're also contributing by upvoting or downvoting tags added by others. Recognize places, historic periods, pictorial styles or photographic qualities (contrast, landscape, portrait, perspective...)? Then please go ahead and tag these as well. Thanks for adding to this campaign: we couldn't do this without you ♥

START DATE END DATE  
06/10/2020 25/12/2020

CONTRIBUTORS PROGRESS  
32 100% 18937/14000

This campaign was devised in the framework of **PAGODE - Europeana China**, a project dedicated to the preservation and presentation of China-related heritage in Europe through europeana.eu. PAGODE is co-financed by the Connecting Europe Facility Programme of the European Union, under GA n. INEA/CEF/ICT/A2019/1931839.



VALIDATE CAMPAIGN RESULTS

CAMPAIGN LEADERBOARD

1		Michele Maria	8600 POINTS	5		Raffaella Vittori	344 POINTS	9		virginia ravanelli	116 POINTS
2		Erica Grossi	4620 POINTS	6		Maja Veselic	319 POINTS	10		Ismo Malinen	78 POINTS
3		ada falcone	2357 POINTS	7		sofie taes	140 POINTS	11		Thomas Peeters	74 POINTS
4		Dunja Zorman	1744 POINTS	8		Nataša Vampelj Suhadolnik	123 POINTS	12		Fred Truyen	63 POINTS

# PAGODE crowdsourcing campaign

COLLECTION

Scenes and people from China

DESCRIPTION

This collection offers a glimpse of life in China throughout the 20th century as well as portraits featuring people with Chinese roots or ancestors. From casually posing families to stately portrayed celebrities and from evocative landscapes to impressive heritage sites, this gallery helps to paint a picture of China seen through the eyes of its residents and visitors. Chinese communities abroad are depicted as well, adding an extra dimension to this visual reflection of Sino-European relations.

HIDE

MY ANNOTATED ITEMS



Scenes and people from China

NEXT ITEM

RETURN TO CAMPAIGN >

Tibetan refugees



TAGS

FULLSCREEN

Tag the image with descriptive keywords or contribute by upvoting/downvoting tags added by others.

Buddhism	4	0	×
Refugee	4	0	×
Religion and belief	4	0	×
Communism	2	0	×
Freedom of religion	2	0	×
Historical/political periods	2	0	×
Interior view	2	0	×
Communist Party of China	2	0	×
Black-and-white photographs	2	0	×
Museum	1	0	×
Men's clothing	1	0	×
Women's clothing	1	0	×

NEXT ITEM

DESCRIPTION

A Buddhist Lama with a Tibetan refugee girl who arrived in Europe to escape the invasion of their village in Tibet by Chinese Communists. Pictured receiving instruction from the religious supervisor in the children's prayer room at Tibetan House in the British Pestalozzi Children's Village in Oaklands Park, Sedlescombe, Battle, Sussex, England - 1 April 1963

CREATOR

TopFoto

RIGHTS STATEMENT



CONTENT PROVIDER

TopFoto.co.uk

See it in [Europeana](#)

ITEM METADATA

# PAGODE crowdsourcing campaign

Keywords\_annotation\_campaign\_20201125\_additional\_words .XLSX ☆ 📄 🌐

File Edit View Insert Format Data Tools Help Last edit was on November 27, 2020

100% € % 0.00 123- Calibri 10 B I S A 🗑️ 📏 📐 📑 📄 📅 📆 📇 📈 📉 📊 📋 📌 📍 📎 📏 📐 📑 📄 📅 📆 📇 📈 📉 📊 📋 📌 📍 📎

A1	Keyword ENG	DA	DE	EL	ES	FI	FR	HU	IT	NL	SL	SV	ZH TRAD.	ZH SIMP.	AAT	WIKIDATA
2	Europeans in China				Imperialism	Imperialism	Impérialisme	occidental	en	Asie			在中國的歐洲人	在中国的欧洲人		www.wikidata.org/entty/Q101431880
3	Imperialism in Asia				imperializem	imperializem	Impérialisme	occidental	en	Asie			在亞洲的殖民	在亚洲的殖民		www.wikidata.org/entty/Q3234208
4	Chinese legation in London												中國駐英國大使館	中国驻英国大使馆		www.wikidata.org/entty/Q5369935
5	Chinese community in London												倫敦華人社區	伦敦华人社区		www.wikidata.org/entty/Q16056285
6	Red Cross	Røde Kors	Rotkreuz	Ερυθρού Σταυρού	Cruz Roja	Punaisen Risti	Croix-Rouge	Vöröskereszt	Croce Rossa	Rode Kruis	Rdeči križ	Röda Korset	紅十字	红十字		www.wikidata.org/entty/Q908277
7	Shanghai French Concession				Concesión Francesa de Shanghai		Concession française de Shanghai				francoska koncesija v Šanghaju	Franska koncesion	上海法租界	上海法租界		www.wikidata.org/entty/Q2571993
8	art exhibition		Kunstaustellung		Exposición	Taidenäyttely	Exposition artistique				umetniška razstava		美術展	美术展	http://vocab.getty.edu/aat/300417758	www.wikidata.org/entty/Q667276
9	Chinese writing	Kinesisk skrift	Chinesische Künstschrift		Sinograma	Kiinan kirjo	Caractères	Kinai írás	Caratteri cinesi	Chineesk skrift	kitajski pisava	Kinesiska tecken	中文寫作	中文写作	http://vocab.getty.edu/aat/300438797	www.wikidata.org/entty/Q8201
10	Chinese character	Traditionelt kinesisk skrift			Caracteres	Perinteiset kirjat	Sinogramme	Hagyományos kínai írás	Caratteri cinesi	Traditionel chinesisches Schrift	kitajski pisemka	Kinesiska tecken	中國字	中国字		www.wikidata.org/entty/Q178528
11	world map		Weltkarte		Mapamunc	Maailmankartta	Planisphère		Planisfero	Wereldkaart	zemljevid sveta	Verldskarta	世界地圖	世界地图	http://vocab.getty.edu/aat/300028442	www.wikidata.org/entty/Q653848
12	British Chinese				Britannikiinäläiset				Chinezen in Britanni	Kitajci			英國華人	英国华人		www.wikidata.org/entty/Q2658204
13	Standard Chinese		Hochchinesisch		Mandarin estándar		Mandarin standard		Lingua cinea standard	standardna kitajščina		Standardkiina	普通話	普通话	http://vocab.getty.edu/aat/300388127	www.wikidata.org/entty/Q727694
14	Buddhist temple		Buddhistischer Tempel		Templo bud	Buddhalain	Temple bouddhiste		Tempio bud	Boeddhistische tempel		Buddhistisk tempel	藏廟	藏庙		www.wikidata.org/entty/Q5393308
15	Nine-Power Treaty Conference										konferenca devetih držav v Bruslju		第九屆中國對外經濟會議	第九届中国对外开放大会		www.wikidata.org/entty/Q7038428
16	Great Wall of China	Den Kinesiske Mur	Chinesische Mauer	Μείγος Σινική	Gran Mural	Kiinan muuri	Grande Mur	Kinai nagyfal	Grande mur	Chinese Muur	Kitajski zid	Kinesiska muren	中國的長城	中国的长城		www.wikidata.org/entty/Q12501
17	World Economic Conference										Svetovna gospodarska konferenca		世界經濟會議	世界经济会议		www.wikidata.org/entty/Q60102376
18	horse race						Course de chevaux			paardenrac	konjska dirka		賽馬	赛马	http://vocab.getty.edu/aat/300379170	www.wikidata.org/entty/Q3001412
19	Sino-Japanese Wars		Japansisch-Chinesischer Krieg		Guerra sino-japonesa	Kiinan-Japanin sota	Guerra sino-japonesa		Guerra sino-japonesa	kitajsko-japonska vojna		Kinesisk-japansk krig	抗日戰爭	抗日战争		www.wikidata.org/entty/Q162313
20	Hollywood	Hollywood	Χόλυγουντ		Hollywood	Hollywood	Hollywood		Hollywood	Hollywood		Hollywood	好萊塢	好莱坞		www.wikidata.org/entty/Q34006
21	Hong Kong	Hongkong	Χονγκ Κονγκ		Hong Kong	Hongkong	Hong Kong		Hong Kong	Hongkong		Hongkong	香港	香港	http://vocab.getty.edu/aat/300387735	www.wikidata.org/entty/Q8646
22	Sun Yat-sen	Sun Yat-sen	Σουν Γιατ-Σεν		Sun Yat-sen	Szun Jat-szsi	Sun Yat-sen		Sun Yat-sen	Sun Yat-sen		Sun Yat-sen	孫中山	孙中山		www.wikidata.org/entty/Q8573
23	politician	Politiker	Πολιτικός		Politico	Politikko	Personnalité politique		Politico	Politicus	politik	Politiker	政治家	政治家	http://vocab.getty.edu/aat/300025474	www.wikidata.org/entty/Q82955
24	delegate	Delegierter			Delegado				Rappresentante	gedelegeerde	predstavnik		代表者	代表者	http://vocab.getty.edu/aat/300252566	www.wikidata.org/entty/Q994779
25	ambassador	Ambassadør	Βοτσφατηρ		Embajador	Suurlähettiläs	Ambassadeur	Nagykövetség	Ambasciatore	Ambassadeur	veleposlanik	Ambassadör	大使	大使	http://vocab.getty.edu/aat/300188587	www.wikidata.org/entty/Q121998
26	nanny	Barneepige	Kindermädchen		Nana				Kinderjuffru	varuška		Barnflicka	保姆	保姆	http://vocab.getty.edu/aat/300380151	www.wikidata.org/entty/Q936969
27	dancer		Bailarin						danser	plesalec		Dansare	舞蹈家	舞蹈家	http://vocab.getty.edu/aat/300025653	www.wikidata.org/entty/Q1716684
28	Tibetan people	Tibetanere	Τιβητανοί		Etnia tibetana	Tibetlüläiset	Tibétains	Tibetiek	Tibetani	Tibetanen	Tibetanci	Tibetaner	藏族	藏族		www.wikidata.org/entty/Q187985
29	Catholic priest	Katholischer Priester	Sacerdote		Prêtre catholique				Sacerdote	katoliški duhovnik			天主教神父	天主教神父		www.wikidata.org/entty/Q250867
30	Mongols	Mongoler	Μονγόλοι		Mongol	Mongolit	Mongols	Mongolok	Mongoli	Mongolen	Mongoli	Mongoler	蒙古人	蒙古人		www.wikidata.org/entty/Q41975
31	illegal immigrant								Étranger en situation irrégulière	illegaal	ilegalni priseljenc		非法移民	非法移民		www.wikidata.org/entty/Q2368859
32	Chinese girl										kitajsko dekle		中國女孩	中国女孩		www.wikidata.org/entty/Q100354781
33	Manchu people	Manchuer	Μαντσού		Manchú	Mantšut	Mandchou	Mandsjuk	Manciú	Mantsjoes	Mandžur	Manchuer	滿族人	满族人		www.wikidata.org/entty/Q145665
34	war victim		Kriegsopfer						žrtev vojne				戰爭受害者	战争受害者		www.wikidata.org/entty/Q1788815
35	flag	Flag	Flagge	Σημαία	Bandera	Lippu	Drapeau	Zászló	Bandiera	Vlag	zastava	Flagga	旗	旗	http://vocab.getty.edu/aat/300195678	www.wikidata.org/entty/Q14660
36	shrine		Santuario						Schrijn	svetišče		Skrin	神社	神社	http://vocab.getty.edu/aat/300007558	www.wikidata.org/entty/Q697295
37	table tennis	Bordtennis	Tischtennis	Επιτραπέζιο Tenis	de m	Pöytätenni	Tennis de table	Asztalitenis	Tennistavol	Tafeltennis	namizni tenis	Bordtennis	乒乓球	乒乓	http://vocab.getty.edu/aat/300222758	www.wikidata.org/entty/Q3930
38	food steamer		Dampfgarer		Olla vaporera	Cuít vaporeur			Stoomkoker	parnik za hrano		Ångkokare	蒸鍋	蒸锅		www.wikidata.org/entty/Q1158805
39	cooking	Madlavning	Μαγειρική		Coccción	Ruoanlaitto	Cuisson de	Főzés	Cottura	Koken	kuhanje	Matlagning	烹飪	烹饪		www.wikidata.org/entty/Q38695
40	steamboat	Dampskib	Dampfschiff	Ατμόπλοιο	Barco de vapor	Höyrylaiva	Bateau à vapeur	Gőzhajó	Piroscasco	Stoomboot	parnik	Ångfartyg	汽船	汽船	http://vocab.getty.edu/aat/300124118	www.wikidata.org/entty/Q178193
41	wok	Wok	Γουόκ		Wok	Vokkipannu	Wok		Wok	wok		Wok	炒鍋	炒锅	http://vocab.getty.edu/aat/300198560	www.wikidata.org/entty/Q208364
42	newspaper	Avis	Zeitung	Εφημερίδα	Periódico	Sanomalehti	Journal	Újság	Giornale	Krant	časopis	Tidning	報紙	报纸		www.wikidata.org/entty/Q11032
43	navy	Marine	Μαρινα	Πολεμικό νηολόγιο	Armada	Merivoima	Marine de	Haditenger	Marina mil	Marine	mornarica	Örlogsfloott	海軍	海军	http://vocab.getty.edu/aat/300137544	www.wikidata.org/entty/Q4508
44	naval ship	Militärschiff			buque naval				Hadihajó	Oorlogsschip	vojska ladja	Örlogsfartyg	海軍艦船	海军舰船	http://vocab.getty.edu/aat/300232810	www.wikidata.org/entty/Q177597
45	naval submarine	Undervandsbåt	Υποβρύχιο		Submarino	Sukellusvene	Sous-marin	Tengeralatt	Sottomarino	Onderzeeboot	podmornica	Ubåt	潛艇	潜艇	http://vocab.getty.edu/aat/300429462	www.wikidata.org/entty/Q2811
46	cruiser	Krydser	Κρουζερ		Crucero	Ristellijä	Croiseur	Cirkáló	Incrociatore	Kruiser	križarka	Kryssare	巡洋艦	巡洋舰	http://vocab.getty.edu/aat/300212609	www.wikidata.org/entty/Q104843
47	eagle	Ørn	Αετός		Águila	Kotkat	Aigle	Sas	Arend	orel		Örnar	鷹	鹰	http://vocab.getty.edu/aat/300250049	www.wikidata.org/entty/Q2092297
48	domestic yak		Γαζ		Yack	Jakki	Yack		Bos grunniens	jak			牦	牦	http://vocab.getty.edu/aat/300419308	www.wikidata.org/entty/Q19829410
49	beheading	Halshugning	Αποκεφαλή		Decapitación	Mestaus	Décapitation		Decapitazio	Onthoofdir	ogblavljanje	Halshuggning	斬首	斩首	http://vocab.getty.edu/aat/300379186	www.wikidata.org/entty/Q204933
50	panda	Panda	Panda		panda	Isopanda	Panda	Óriáspanda	panda	Reuzenpan	panda	Panda	熊貓	熊猫	http://vocab.getty.edu/aat/300310633	www.wikidata.org/entty/Q33602