

# Return on Investment: Reframing AI and metadata

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# My Context

- Metadata Professional
- Musicologist

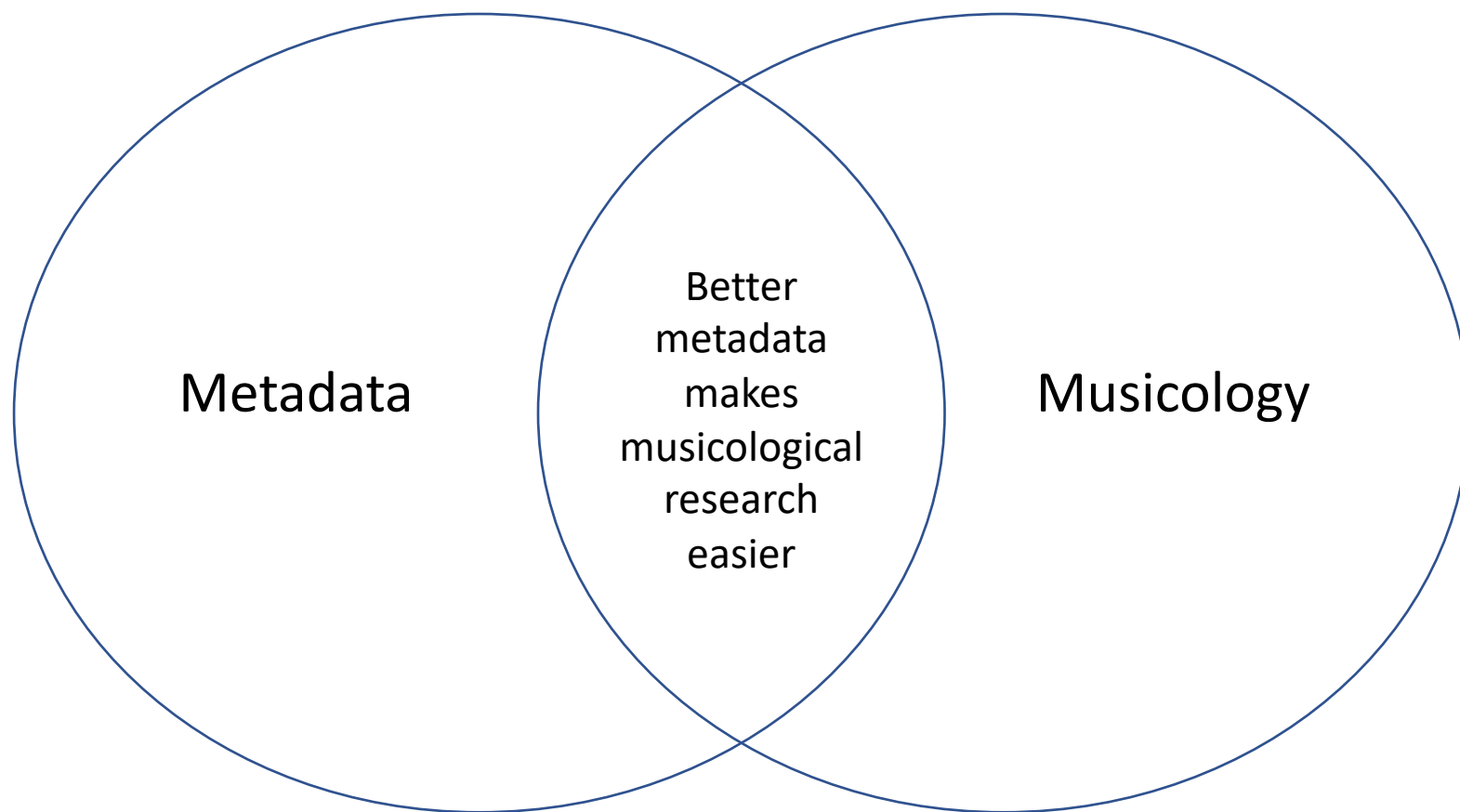
Left: Stockholm, Kungliga Biblioteket MS A92a, Birgitta the Pilgrim (Photo: KB)

Right: Vadstena, Birgitta reading (Photo: Michelle Urberg)





# Intersections



*Historical bias is fed and reinforced by naming...*

- St. George's Hospital Medical School
- Application bias created through analysis of surnames and addresses
- Oppressive metadata terms: “Caucasian” and “non-Caucasian”

Sources: [IEE Spectrum article](#), [BMJ Editorial](#)

...but there  
are always  
opportunities  
for  
improvement

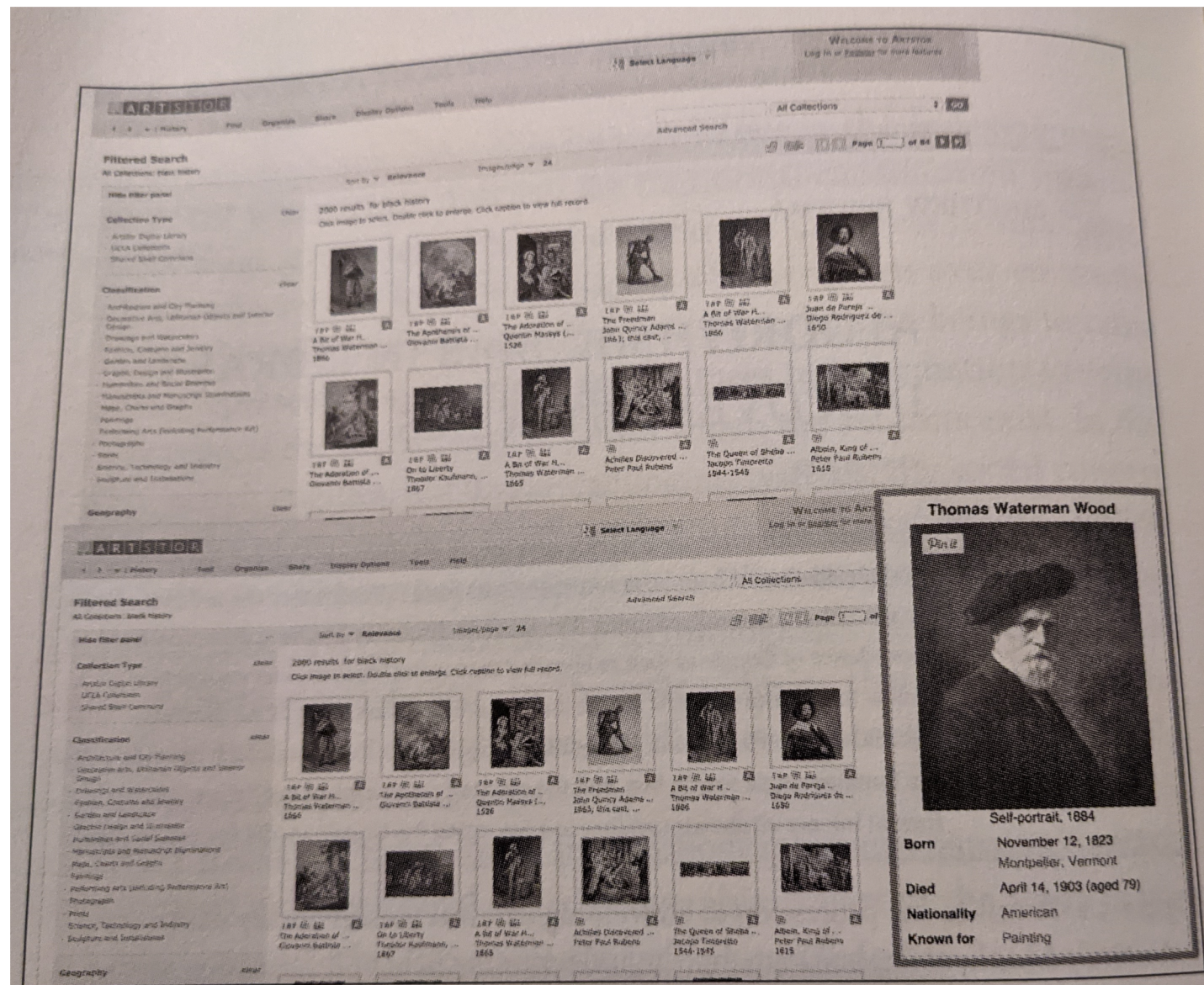
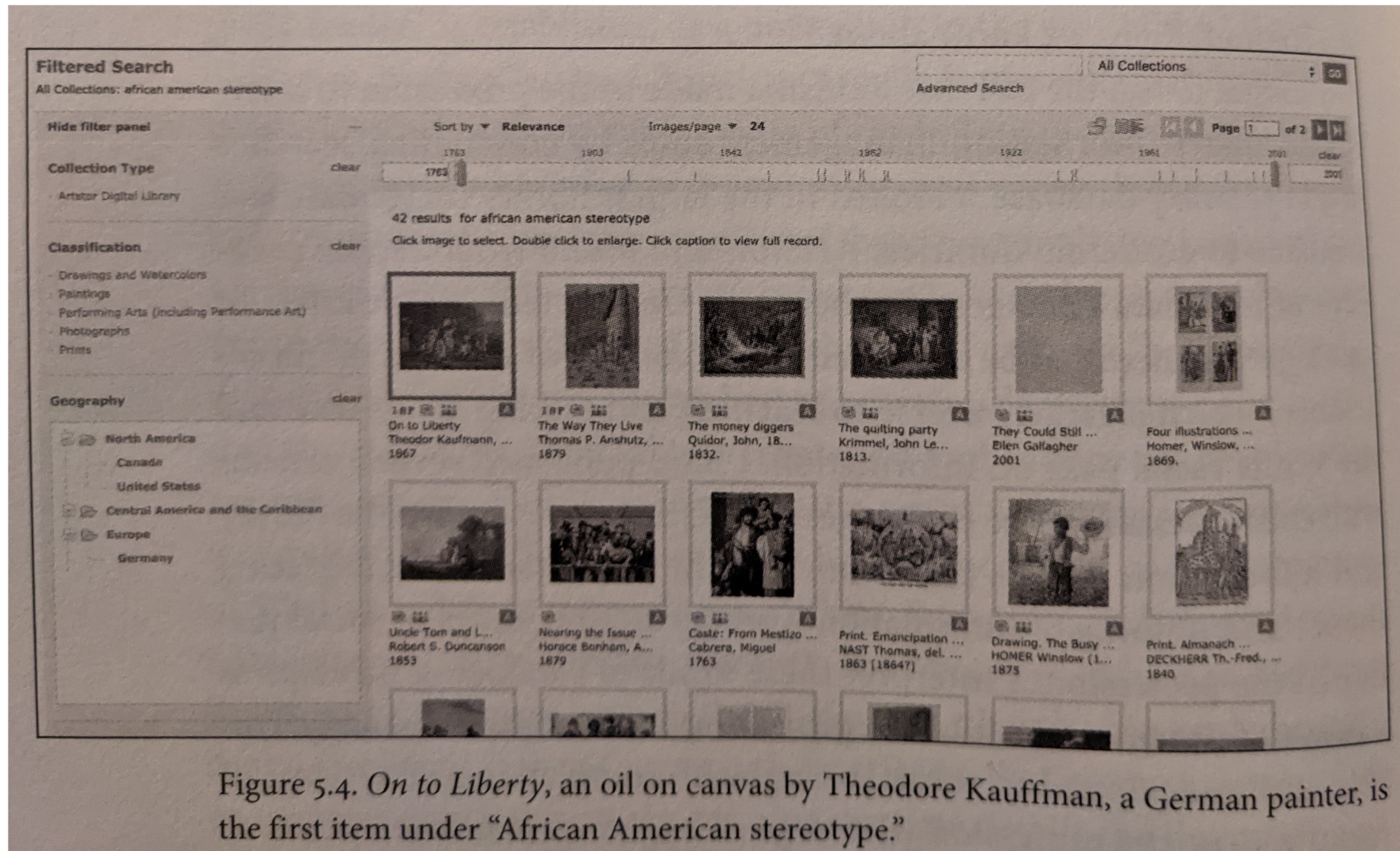


Figure 5.3. Search in ArtStor for “black history” features the work of a series of European and White American artists, March 2, 2016. The first result is work by Thomas Waterman Wood.



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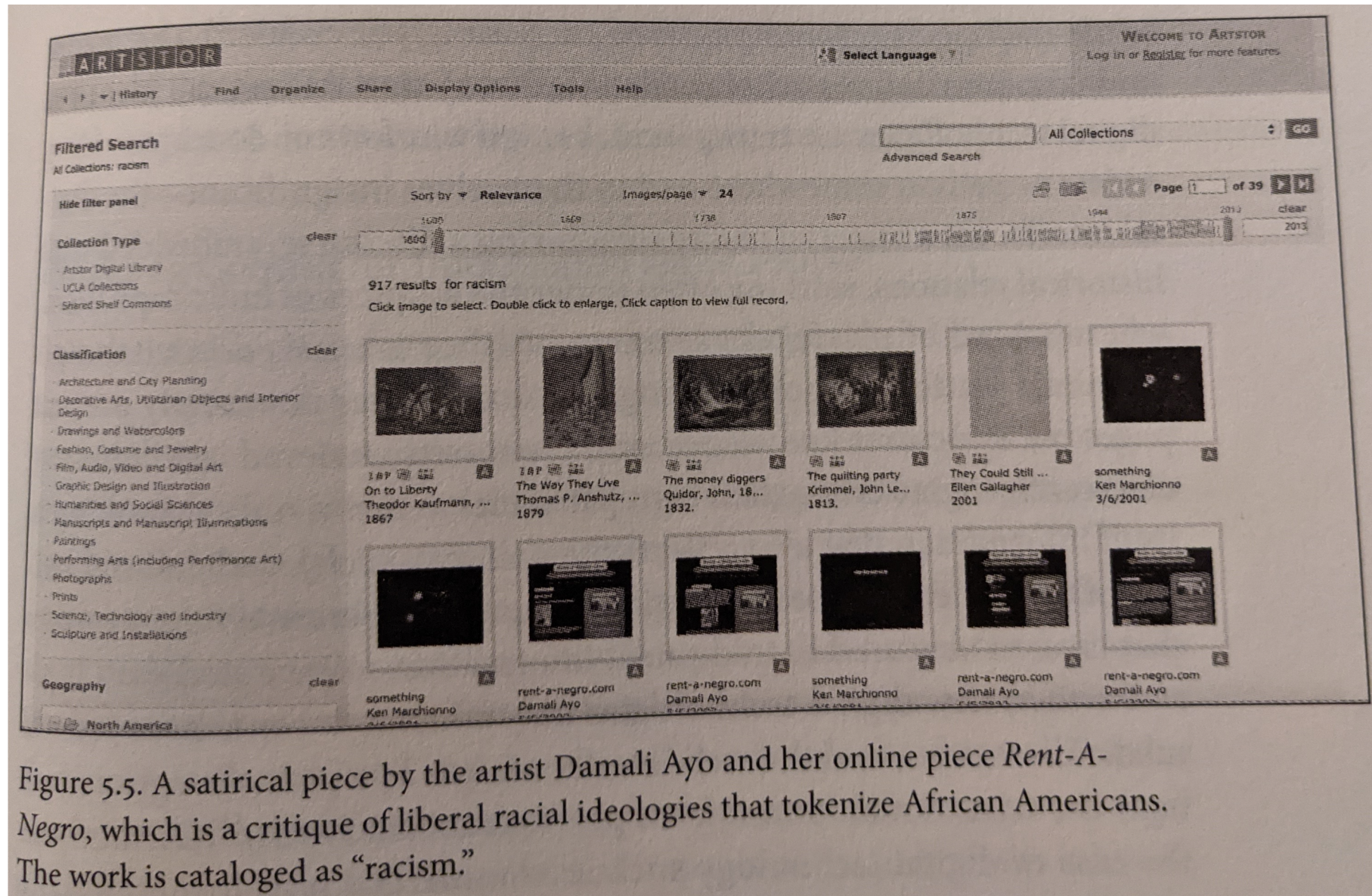


Figure 5.5. A satirical piece by the artist Damali Ayo and her online piece *Rent-A-Negro*, which is a critique of liberal racial ideologies that tokenize African Americans. The work is cataloged as “racism.”



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#### Art and Multimedia

From the Artstor Digital Library,  
Institutional Collections, and Public  
Collections

#### Collection Type

Artstor Digital Library (111138)  
Public Collections (21539)

#### Geography

- South America (148)
- Australia and Oceania (3)
- Europe (32664)
- Western Asia (405)
- Central America and the Caribbean (456)
- South-East Asia (67)
- East Asia (201)
- Africa North of Sahara (785)
- Central Asia (75)
- North America (60243)
- Sub-Saharan Africa (60)
- South Asia (354)

#### Classification

- Photographs (38602)
- Paintings (23260)
- Architecture and City Planning (18123)
- Graphic Design and Illustration (8238)
- Drawings and Watercolors (3597)
- Sculpture and Installations (3164)
- Fashion, Costume and Jewelry (2238)
- Decorative Arts, Utilitarian Objects and Interior Design (1433)

black history



☐ Search within results

[Advanced Search](#)

Sort: Relevance ▾ Images/page: 48 ▾ ☒ Select

|< < 1 of 105 > >|

132292 results for "black history" from all collections.



Sketches for a Naturalist  
Pierre Bonnard  
c.1904

ARTSTOR



Dress, Mourning  
Unknown, (Designer),  
1894

ARTSTOR

IAP



Parasol, Mourning  
Unknown, (Maker), ...  
ca. 1870

ARTSTOR

IAP



Dress, Dinner (Princ...  
Unknown, Maker  
1880

ARTSTOR

IAP



Dress, Mourning  
Unknown, (Designer),  
1894-1895

ARTSTOR

IAP



Parasol  
Unknown  
1885-1890

ARTSTOR

IAP



Fan (Folding Fan)  
Unknown  
1885-1895

ARTSTOR

IAP



Ensemble, Court Pre...  
(f-g) Unknown  
1907

ARTSTOR

IAP



Dress, Mourning  
Unknown, (Designer),  
1894

ARTSTOR

IAP



Hat, Evening  
Unknown, (Maker),  
ca. 1888

ARTSTOR

IAP



Accessory Set (Muff)  
Jacob Pivovarov, (Man...  
1930-1939

ARTSTOR

IAP



Panties (Tap Pants)  
Unknown, (Maker),  
ca. 1930

ARTSTOR

IAP



Coat, Evening  
Henry, Darling & Co...  
1880-1889

ARTSTOR

IAP



Parasol  
Unknown, (Manufac...  
1885-1895

ARTSTOR

IAP



Parasol  
Unknown, (Maker),  
1902

ARTSTOR

IAP



Dress, Evening  
Miss Beckie, (Design...  
1910-1912

ARTSTOR

IAP



Parasol  
Unknown, (Manufac...  
1885-1895

ARTSTOR

IAP



Parasol, Mourning  
Unknown, (Manufac...  
1895-1900

ARTSTOR

IAP

Sources: [Algorithms of Oppression](#), [Artstor Platform](#)



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### Art and Multimedia

From the Artstor Digital Library, Institutional Collections, and Public Collections

### Collection Type

Artstor Digital Library (35)

### Geography

▸ North America (13)

### Classification

Paintings (20)

Photographs (5)

Prints (3)

Drawings and Watercolors (2)

Graphic Design and Illustration (1)

Performing Arts (including Performance Art) (1)

Sculpture and Installations (1)

### Contributor

University of California, San Diego (30)

Harvard University (3)

San Francisco Museum of Modern Art (1)

Clark Institute (1)

### Date

Start (ex: 1000)	<b>BCE</b>	CE
End (ex: 2019)	BCE	<b>CE</b>
<b>RESET</b>	<b>APPLY</b>	

African American stereotype



☐ Search within results

[Advanced Search](#)

Sort: Relevance ▾ Images/page: 48 ▾ Select

< < 1 of 1 > >

35 results for "African American stereotype" from all collections.



Mutiny Abroad the A...  
Woodruff, Hale, 1900-1939

ARTSTOR



Mythic Being: Cruisi...  
Piper, Adrian, 1948-1975

ARTSTOR



Barbecue  
Motley, Archibald Jo...  
1937

ARTSTOR



I Embody: det.  
Piper, Adrian, 1948-1975

ARTSTOR



No mere words can ...  
Kara Walker (Americ...  
1999

ARTSTOR



Newspaper Boy  
Bannister, Edward M...  
1869

ARTSTOR



Aunt Jemima, Sectio...  
DePillars, Murray  
1968

ARTSTOR



Plantation Economy ...  
Walker, William A., 1...  
1876

ARTSTOR



Mythic Being: I Emb...  
Piper, Adrian, 1948-1975

ARTSTOR



Amistad Slaves on T...  
Woodruff, Hale, 1900-1939-40

ARTSTOR



Return to Africa  
Woodruff, Hale, 1900-1939-40

ARTSTOR



Host: det.  
Gallagher, Ellen, 19...  
1986

ARTSTOR



Preserve: Det.: Ice ...  
Gallagher, Ellen, 19...  
2001

ARTSTOR



Uncle Tom and Little...  
Duncanson, Robert ...  
1853

ARTSTOR



Four illustrations in ...  
Homer, Winslow, 18...  
1869

ARTSTOR



The Chore  
Anshutz, Thomas Po...  
1880

ARTSTOR



American Citizens (T...  
Wood, Thomas, 182...  
1867

ARTSTOR



Brother from Anothe...  
Simpson, Coreen, 1...  
1984

ARTSTOR

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improvement

### Art and Multimedia

From the Artstor Digital Library,  
Institutional Collections, and Public  
Collections

### Collection Type

Artstor Digital Library (939)

Public Collections (517)

Private Collections (6)

### Geography

▸ Australia and Oceania (5)

▸ Europe (190)

▸ Western Asia (3)

▸ Central America and the  
Caribbean (287)

▸ Africa North of Sahara (1)

▸ North America (479)

▸ Sub-Saharan Africa (8)

### Classification

Sculpture and Installations (255)

Graphic Design and Illustration  
(222)

Paintings (221)

Prints (184)

Photographs (126)

Film, Audio, Video and Digital Art  
(90)

Humanities and Social Sciences  
(71)

Manuscripts and Manuscript  
Illuminations (69)

Performing Arts (including  
Performance Art) (50)

Drawings and Watercolors (32)

Architecture and City Planning  
(20)

Decorative Arts, Utilitarian  
Objects and Interior Design

racism



☐ Search within results

[Advanced Search](#)

Sort: Relevance ▾ Images/page: 48 ▾ Select

< < 1 of 31 > >

1456 results for "racism" from all collections.



Racism  
Green, Vanita  
1970

ARTSTOR



USA, Alabama, Mont...  
Bruce Davidson  
1965

ARTSTOR



Cure Yourself of Rac...  
Erika Rothenberg  
1986

ARTSTOR



GB, Riot - National F...  
Peter Marlow  
1977

ARTSTOR



Cure Yourself of Rac...  
Erika Rothenberg  
1986

ARTSTOR



USA, John CRUMP a...  
Eli Reed  
1992

ARTSTOR



Racism  
Dennis Balk  
1991

ARTSTOR



GB, Riot - National F...  
Peter Marlow  
1977

ARTSTOR



GB, Riot - National F...  
Peter Marlow  
1977

ARTSTOR



GB, London. Racism...  
Chris Steele-Perkins  
1981

ARTSTOR



GB, Riot - National F...  
Peter Marlow  
1977

ARTSTOR



IRELAND. Dublin. 2...  
Stuart Franklin  
2003

ARTSTOR



G.B. WALES. Cardiff...  
David Hurn  
1978

ARTSTOR



GB, London. Racism...  
Stuart Franklin  
1993

ARTSTOR



IRELAND. Dublin. 2...  
Stuart Franklin  
2003

ARTSTOR



FRANCE. Ile de Fran...  
Martine Franck  
1992

ARTSTOR



Love Affair Without ...  
Martin Kippenberger  
1989

ARTSTOR



G.B. WALES. Cardiff...  
David Hurn  
1978

ARTSTOR

# ROI from metadata takeaways

- Nuanced naming is worth the effort
- Fight "language decay" in metadata work
- Focus on end-user discovery in metadata creation
- Artificial Intelligence technologies are only as successful as the metadata that feeds them



Let's get this conversation started!

Thank you!

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