



Archives and Special Collections Department,  
American University of Beirut  
Beirut, Lebanon  
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## **Eadweard Muybridge Collection, 1887**

A Finding Aid to the Collection at the University Libraries, AUB  
Prepared by Dalya Nouh

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## **Descriptive Summary**

**Call No.:** CALFF:612.767:M993a

**Library Catalog ID:** [b11796078](#)

**Record Creator:** Muybridge, Eadweard, 1830-1904.

**Collection Title:** Eadweard Muybridge Collection, 1887.

**Collection Dates:** 1887

**Physical Description:** 123 leaves of plates in 5 boxes; 60 x 48 cm.

**Abstract:** The Animal Locomotion study contains 781 photographs of males and females performing common actions, often nude; physically deformed males and females from the Philadelphia Hospital and a variety of animal species from the Philadelphia Zoo. This study, completed in 1887 and published under the sponsorship of the University, would prove to be of great use to artists, anatomists, physiologists, and athletes.

## **Administrative Information**

**Source:** N/A

**Access Restrictions:** The collection can be used within the premises of the Archives and Special Collections Department, Jafet Memorial Library, American University of Beirut.

**Photocopying Restriction:** No photocopying restriction except for fragile material.

**Preferred Citation:** Eadweard Muybridge Collection, 1887, CALFF:612.767:M993a, Box no. -, File no. -, American University of Beirut/Library Archives.

## **Scope and Content**

The Eadweard Muybridge Collection documents Muybridge photographic career and the contributions he made to motion pictures. Muybridge's Animal Locomotion study, done under the auspices of the University of Pennsylvania, represents the bulk of this collection. The Animal Locomotion study collotypes and publications contain nearly a complete set of collotype plates of images. Muybridge was a true scientist and the acquisition of his work (123 plates of 781) reflects that spirit of enlightened enquiry so characteristic of the AUB in the nineteenth century.

This collection is of great interest to artists, anatomists, physiologists, photographers, and athletes.

## **Arrangement**

The Collection is arranged in two series:

**Series I:** Humans, boxes 1-2, 1887

**Series II:** Animals and Humans, boxes 3-6, 1887

## **Biographical Sketch**

Eadweard James Muybridge alias Edward James Muggeridge (1830-1904); was born in Kingston-upon-Thames, and immigrated to the United States, where he became director of photographic surveys for the government. His first animal photography was to settle a bet, whether or not a trotting horse has all four feet off the ground at the same time.

This led to a series of photographic experiments on the farm of Leland Stanford, a West Coast railway magnate. Using from 12 to 30 cameras, wet plates, and extremely fast exposures (up to 1-2000<sup>th</sup>. Second), the shutters were operated electrically by threads triggered off by the animals.

His experiments became more elaborate, and culminated in the publication in Philadelphia in 1887, under the auspices of the University of Pennsylvania, of his great work ANIMAL LOCOMOTION. Muybridge owes his fame not only to his pioneer photography, and the key position he held in the history of the cinema, but also to the profound influence he exercised on artists of his own and succeeding generations. Although he was primarily concerned with the objective recording of movement, artists were quick to appreciate the extraordinary aesthetic quality of his photographs. Muybridge was a true scientist; with 781 plates of over 2000 different subjects, he entitled it ANIMAL LOCOMOTION but it is clear that for him the most interesting animal of all was Homo sapiens. Muybridge died in England on May 8, 1904.

## **Subject Headings**

Muybridge, Eadweard, 1830-1904.

Human locomotion -- Pictorial works.

Animal locomotion -- Pictorial works.

## **Container List**

### **Series I: Humans, boxes 1-2, 1887**

#### **Box 1: Humans, 26 plates, 1887**

- Plate 3 Movements, Male, Walking
- Plate 26 Movements, Male, Walking, carrying 75-lb. stone on left shoulder
- Plate 29 Movements, Male, Walking, carrying bucket of water in each hand
- Plate 41 Movements, Female, Walking, flirting a fan
- Plate 57 Movements, Female, Walking turning around, 10lb. basket on head
- Plate 59 Movements, Male, Starting for a run (shoes)
- Plate 61 Movements, Male, Running full speed (imperfect action, shoes)
- Plate 66 Movements, Male, Running
- Plate 74 Movements, Male, Ascending incline, angle 1 in 4
- Plate 88 Movements, Male, Ascending stairs
- Plate 125 Movements, Male, Descending stairs

- Plate 143 Movements, Female, Descending stairs turning cup and saucer in right hand
- Plate 152 Movements, Male, jumping; running straight high jump (shoes)
- Plate 153 Movements, Male, jumping; running straight high jump (shoes)
- Plate 158 Movements, Male, jumping; running twist high jump (shoes)
- Plate 162 Movements, Male, jumping; standing broad jump
- Plate 163 Movements, Male, jumping; standing broad jump (shoes)
- Plate 167 Movements, Male, Jumping; over boy's back (leap-frog)
- Plate 186 Movements, Male, Hopping on right foot
- Plate 206 Movements, Female, carrying a water jar on head, turning, and placing it on the ground.
- Plate 209 Movements, Female, Stooping and lifting a handkerchief
- Plate 234 Movements, Female, Lifting and emptying basin of water and turning
- Plate 284 Movements, Male, Base-ball; catching and throwing
- Plate 290 Movements, Male, Cricket; over arm bowling
- Plate 291 Movements, Male, Cricket; batting; drive
- Plate 301 Movements, Male, Foot-ball; punt

**Box 2: Humans, 27 plates, 1887**

- Plate 317 Movements, Male, Heaving a 75-lb. rock
- Plate 318 Movements, Male, Lifting a 75-lb. rock
- Plate 324 Movements, Male, Curling 50-lb. dumb-bell, model 3/4 length
- Plate 327 Movements, Male, Rowing
- Plate 330 Movements, Male, Boxing; cross-counter (shoes)
- Plate 331 Movements, Male, Boxing; stop for cross-buttocks (shoes)
- Plate 332 Movements, Male, Boxing; cross-buttocks (shoes)
- Plate 333 Movements, Male, Boxing; 53 knocking 52 down (shoes)
- Plate 334 Movements, Male, Boxing; with gloves (shoes)
- Plate 338 Movements, Male, Boxing; open hand (shoes)
- Plate 349 Movements, Male, Fencing
- Plate 355 Movements, Male, on guard, walking and turning around
- Plate 356 Movements, Male, Kneeling, firing, and rising
- Plate 361 Movements, Male, Throwing a spear
- Plate 363 Movements, Male, Running somersault
- Plate 371 Movements, Male, Acrobat, vertical "press up"
- Plate 374 Movements, Male, Blacksmiths, two models, hammering on anvil
- Plate 388 Movements, Male, Farmer, using spade
- Plate 465 Movements, Females, Child bringing a bouquet to a woman
- Plate 471 Movements, Female, Child crawling on hands and knees.
- Plate 506 Movements, Male, Bricklaying
- Plate 511 Movements, Male, Contortions on the ground
- Plate 539 Movements, Male, Infantile paralysis; child, walking on hands and feet

- Plate 540 Movements, Male, A, bow-legs; boy; B, spinal caries; girl, walking
- Plate 546 Movements, Male, Locomotor ataxia; walking
- Plate 549 Movements, Male, Epilepsy; walking
- Plate 554 Movements, Male, locomotor ataxia, walking

## **Series II: Animals and Humans, box 3-4, 1887**

### **Box 3: Animals and humans, 23 plates, 1887.**

- Plate 563 Animals, Horses
- Plate 565 Animals and Movements, Horses, Hauling; dark-gray Bel. horse Dusel
- Plate 567 Animals and Movements, Horses, Hauling; dark-gray Bel. Horse Dusel, Billy
- Plate 568 Animals and Movements, Horses, Hauling; dark-gray Bel. Horse Dusel, Billy
- Plate 572 Animals and Movements, Horses, hauling; head being pulled; light-gray mare, Johnson
- Plate 573 Animals and Movements, Horses, hauling; man pulling at head; light-gray mare, Johnson
- Plate 576 Animals and Movements, Horses, Walking; free; light-gray horse, Eagle
- Plate 577 Animals and Movements, Horses, Walking; saddle; irregular; white horse, Clinton
- Plate 582 Animals and Movements, Horses, Walking; saddle; rider, 43, nude; light-gray horse, Smith
- Plate 589 Animals and Movements, Horses, Ambling (single foot); bareback; white horse, Clinton
- Plate 592 Animals and Movements, Horses, Racking (pacing); saddle; brown horse, Pronto
- Plate 595 Animals and Movements, Horses, "Pronto" pacing, harnessed to sulky
- Plate 596 Animals and Movements, Horses, Trotting; free; light-gray horse, Eagle
- Plate 597 Animals and Movements, Horses, Trotting; bareback; dark-gray Belgian horse, Hansel
- Plate 598 Animals and Movements, Horses, Trotting; saddle; bay horse, Dais
- Plate 599 Animals and Movements, Horses, Trotting; bareback; dark-gray Belgian horse, Dusel
- Plate 602 Animals and Movements, Horses, Trotting; bareback; rider, 43, nude; light-gray horse, Smith
- Plate 604 Animals and Movements, Horses, Trotting; saddle; white horse, Elberon
- Plate 607 Animals and Movements, Horses, Trotting; sulky; by mare, Lizzie M
- Plate 610 Animals and Movements, Horses, Trotting; sulky; gray mare, Katydid
- Plate 611 Animals and Movements, Horses, Trotting; sulky; gray mare, Katydid
- Plate 613 Animals and Movements, Horses, Trotting; sulky; sorrel mare, Nellie Rose
- Plate 616 Animals and Movements, Horses, Canter; saddle; bay horse, Daisy

### **Box 4: Animals and Humans, 23 plates, 1887**

- Plate 620 Animals and Movements, Horses, Canter; thoroughbred bay mare, Annie G

- Plate 625 Animals and Movements, Horses, Gallop; thoroughbred bay horse, Bouquet
- Plate 626 Animals and Movements, Horses, Gallop; thoroughbred bay mare, Annie G
- Plate 628 Animals and Movements, Horses, Gallop; bay horse, Daisy
- Plate 629 Animals and Movements, Horses, Gallop; bareback; Belgian draught horse, Hansel
- Plate 630 Animals and Movements, Horses, “Pandora” galloping, saddled
- Plate 634 Animals and Movements, Horses, Gallop; saddle; gray horse, Dan
- Plate 645 Animals and Movements, Horses, jumping a hurdle; saddle; clearing and landing; rider 105; gray mare; Pandora
- Plate 646 Animals and Movements, Horses, Jumping a hurdle; saddle; rider, 105, nude; gray mare, Pandora
- Plate 647 Animals and Movements, Horses, Jumping a hurdle; bareback; rider, 105, nude; gray mare, Pandora
- Plate 648 Animals and Movements, Horses, Jumping over three horses; A, B; chestnut horse, Hornet
- Plate 649 Animals and Movements, Horses, A, Hornet, rocking; B, Eagle, rolling barrel, etc.
- Plate 651 Animals and Movements, Horses, A, bell ringing; B, teeter board; C, military drill
- Plate 652 Animals and Movements, Horses, A, B, C, D, E, horses rearing, etc.”
- Plate 656 Animals and Movements, Horses, Walking; free; ossification of cartilage, right front foot; horse, Bob
- Plate 657 Animals and Movements, Horses, Rolling a box; pony, Lotta
- Plate 658 Animals and Movements, Domestic Animals, Mule; A, kicking; B, kicking, Ruth
- Plate 659 Animals and Movements, Domestic Animals, Mule; A, B, bucking and kicking, Ruth
- Plate 660 Animals and Movements, Domestic Animals, Mule; miscellaneous performances, Denver
- Plate 666 Animals and Movements, Domestic Animals, Ass; walking; saddle; a girl riding, Zoo
- Plate 668 Animals and Movements, Domestic Animals, “Zoo” ambling, irregular, saddled; a boy riding
- Plate 670 Animals and Movements, Domestic Animals, Ox walking
- Plate 679 Animals and Movements, Domestic Animals, Goat galloping

**Box 5: Animals, 24 plates, 1887**

- Plate 683 Animals and Movements, Wild Animals and Birds, Virginia deer; (no antlers) buck; galloping
- Plate 685 Animals and Movements, Wild Animals and Birds, Fallow deer; buck and doe; trotting
- Plate 687 Animals and Movements, Wild Animals and Birds, Fallow deer; buck and group of does; galloping

- Plate 695 Animals and Movements, Wild Animals and Birds, Elk; galloping; irregular
- Plate 699 Animals and Movements, Wild Animals and Birds, Buffalo; walking
- Plate 700 Animals and Movements, Wild Animals and Birds, Buffalo; galloping
- Plate 705 Animals and Movements, Domestic Animals, Dog; trotting; mastiff, Dread
- Plate 712 Animals and Movements, Domestic Animals, Dog; jumping hurdle; mastiff, Dread
- Plate 720 Animals and Movements, Domestic Animals, Cat; galloping; change to galloping
- Plate 721 Animals and Movements, Wild Animals and Birds, Lion; walking
- Plate 727 Animals and Movements, Wild Animals and Birds, Lioness; walking; lion; lying down
- Plate 733 Animals and Movements, Wild Animals and Birds, Elephant; walking
- Plate 736 Animals and Movements, Wild Animals and Birds, Egyptian camel; racking
- Plate 737 Animals and Movements, Wild Animals and Birds, Bactrian camel; walking
- Plate 740 Animals and Movements, Wild Animals and Birds, Bactrian camel (young), galloping
- Plate 745 Animals and Movements, Wild Animals and Birds, Raccoon; walking; and turning around
- Plate 748 Animals and Movements, Wild Animals and Birds, Baboon; walking on all-fours
- Plate 749 Animals and Movements, Wild Animals and Birds, Baboon; climbing a pole
- Plate 750 Animals and Movements, Wild Animals and Birds, Sloth; walking suspended on a horizontal pole
- Plate 751 Animals and Movements, Wild Animals and Birds, Kangaroo; walking on all-fours; change to jumping
- Plate 758 Animals and Movements, Wild Animals and Birds, Cockatoo; flying
- Plate 773 Animals and Movements, Wild Animals and Birds, Ostrich; running
- Plate 776 Animals and Movements, Wild Animals and Birds, Storks; swans, etc., A, B, C
- Plate 777 Animals and Movements, Wild Animals and Birds, Storks; etc., A, B, C, D

**Box 6: Duplicates, 13 plates, 1887**

- Plate 41 Movements, Female, Walking, flirting a fan
- Plate 158 Movements, Male, jumping; running twist high jump (shoes)
- Plate 361 Movements, Male, Throwing a spear
- Plate 374 Movements, Male, Blacksmiths, two models, hammering on anvil
- Plate 576 Animals and Movements, Horses, Walking; free; light-gray horse, Eagle
- Plate 613 Animals and Movements, Horses, Trotting; sulky; sorrel mare, Nellie Rose
- Plate 616 Animals and Movements, Horses, Canter; saddle; bay horse, Daisy
- Plate 645 Animals and Movements, Horses, jumping a hurdle; saddle; clearing and landing; rider 105; gray mare; Pandora
- Plate 679 Animals and Movements, Domestic Animals, Goat; galloping

- Plate 695 Animals and Movements, Wild Animals and Birds, Elk; galloping; irregular
- Plate 721 Animals and Movements, Wild Animals and Birds, Lion; walking
- Plate 733 Animals and Movements, Wild Animals and Birds, Elephant; walking
- Plate 773 Animals and Movements, Wild Animals and Birds, Ostrich; running

## Related Material

### Archival Collection

- Fine Arts and Art History Collection, [AA: 3.6.3.8](#)

### Articles

- Art Dept. sponsors photographic exhibit. *Faculty bulletin: a weekly bulletin*; v.11 no. 5 November 11, 1967. p.2
- El-Sabban, M. (2006). The photographic collection of AUB: Bonfils, Dumas, Franklin Moore, Sarafian and Muybridge. *The XL Middle East Medical Assembly*, May 11-14, 2006 p.21-27
- Exhibitions Organized by the Department: Animal locomotion: the photographs of Edward Muybridge November-15-25, 1967. [Annual report of the faculty of arts and sciences, 1967-1968](#) p. C86

### Books

- Biewener, A. A. (2003; 2007). *Animal locomotion*. Oxford: Oxford University Press [E 573.791:B589a:c.1](#)
- Gray, J. (1968). *Animal locomotion*. London: Weidenfeld & Nicolson. [S 591.1:G779a:c.1](#)
- Medved, V. (2001). *Measurement of human locomotion* [[electronic resource](#)]. Boca Raton, Fla.: CRC Press
- Muybridge, E. (1957). *Animals in motion*. New York: Dover Publications [CA 612.767:M993a:c.1](#)
- Muybridge, E. (1979). *Muybridge's complete human and animal locomotion: all 781 plates from the 1887 Animal locomotion*. New York: Darf Publishers [CA:F 612.767:M993aa:v.1-3](#)

### Digital material

- [A Guide to the Eadweard Muybridge Collection, 1870-1981, University of Pennsylvania](#)
- [Eadweard Muybridge: Defining Modernities](#)
- [Eadweard Muybridge Collection Exhibit, Stanford Libraries](#)
- [Guide to the Eadweard Muybridge Collection, Online Archive of California](#)
- [Eadweard J. Muybridge, The J. Paul Getty Museum](#)
- [Historic Muybridge Collection Returns To His Hometown Kingston, Artlyst](#)



- [Eadweard Muybridge Photographer Pioneer Tate Britain, Artlyst](#)
- [Google Marks Pioneer Photographer Eadweard Muybridge with Doodle, Artlyst](#)