

# Tactile Objects on Display

Several of the Museum's permanent halls and special exhibitions feature touchable objects on exhibit.

This list has been created for a sighted person to assist people who are blind or have low vision to help them locate touchable objects in the Museum. Unless labeled here as models or casts, objects on exhibit are actual specimens.

Objects in each hall are listed in alphabetical order.

*Please note: Objects may be removed for conservation, and halls may be temporarily closed.*

## Lower Level

### Dorothy and Lewis B. Cullman Hall of the Universe

- Willamette meteorite

## First Floor

### Allison and Roberto Mignone Halls of Gems and Minerals

*Unless otherwise noted, the objects in these halls are real.*

- Almandine
- Almandine in amphibolite
- Brazil topaz
- Bumpus beryls (four specimens)
- Butterfly wings (model)
- Crystal structure models
- Garnite slab
- Human hands (model)
- Labrodorite
- Microcline (Amazonite)
- Obsidian
- Orbicular granite
- Petrified wood—*Metasequoia glyptostroboides*
- Pinwheel blades (model)
- Plagioclase feldspar
- Potassium feldspar
- Quartz (agate)
- Quartz (smoky)
- Spinel
- Topaz

## **Arthur Ross Hall of Meteorites**

*All touchable objects in this hall are actual meteorite fragments.*

- Ahnighito (Cape York)
- Canyon Diablo
- Canyon Diablo (2)
- Dog (Cape York)
- Estacado
- Gibeon
- Gibeon
- Guffey
- Woman (Cape York)

## **David S. and Ruth L. Gottesman Hall of Planet Earth**

- Most of the 168 specimens on display are touchable. This includes a banded iron formation, petrified wood, sedimentary, igneous, and metamorphic rocks.
- Planet Earth (bronze model)

## **Hall of Biodiversity**

- Chloroplast (model)
- Cyanobacteria (model)
- Diatom (model)
- Earthworm (model)
- Frog head (model)
- Front leg of a honeybee (model)
- Fungi decomposing a leaf (model)
- Nematode head (model)
- Roots (model)

## **Irma and Paul Milstein Family Hall of Ocean Life**

*Entrance to this hall is on the first floor. All the tactile objects are found on lower level of exhibit. Use stairs or elevator in hall to access the lower level.*

- Common Loon Webbed foot (bronze model)
- Coral polyps (bronze model)
- Dolphin flipper skeleton (bronze model)
- Oyster shell with pearl (bronze model)
- Squid tentacle (bronze model)
- Turtle shell (bronze model)
- Walrus tusk (bronze model)

## **Frederick Phineas and Sandra Priest Rose Center for Earth and Space, exit of Harriet and Robert Heilbrunn Cosmic Pathway**

- Moon (bronze model)

## **Anne and Bernard Spitzer Hall of Human Origins**

- *Australopithecus africanus* upper jaw and teeth (cast)
- Chimpanzee (*Pan troglodytes*) limb (cast)
- Chimpanzee (*Pan troglodytes*) foot (cast)
- Family tree—16 Hominidae skull casts (not all are in reach)
- Goliath frog (*Conraua goliath*) limb (cast)
- Hammerheaded fruit bat (*Hypsignathus monstrosus*) limb (cast)
- Harpy Eagle (*Harpia harpyja*) limb (cast)
- *Homo habilis* foot (cast)
- Human (*Homo sapiens*) foot (cast)
- Human (*Homo sapiens*) limb (2) (cast)
- Human left hand (cast)

- *Methanococcus jannaschii*, Archaea (model)
- Neanderthal (*Homo neanderthalensis*) foot (cast)
- *Notharctus tenebrosus* grasping hand on deck (cast)
- Nuclear DNA and cell (parts of cell are indistinguishable by touch) (model)
- *Paranthropus boisei* upper jaw and teeth (cast)
- *Paranthropus robustus* skullcap (cast)
- *Plesiadapis cookei* jaw/teeth on deck (cast)
- Spider monkey hand and tail grasping branch (model)
- *Streptococcus agalactiae*, bacteria (model)

### **Theodore Roosevelt Memorial Hall**

- Theodore Roosevelt statue (bronze)

## **Second Floor**

### **Akeley Hall of African Mammals**

- Ivory elephant tusks (real)

### **Gardner D. Stout Hall of Asian Peoples**

- Code of Hammurabi (cast)
- Wood carving of the God Vishnu's world dance (real)
- Wood carving of Lakshmi, consort of Vishnu, in cosmic dance (real)

## **Hall of Mexico and Central America**

- Colossal Olmec head (plaster replica)
- Replicas of Stela E and Stela F monuments

## **Hall of South American Peoples**

- Giant tree with plank buttresses spotted with fungi (model)

## **Scales of the Universe**

*All of these objects are models.*

- Blue supergiant star Rigel
- Earth
- Globular star cluster
- Hayden Sphere
- Human brain
- Hydrogen atom
- Kuiper belt of comets
- Local group of galaxies
- Meteor crater
- Milky Way Galaxy
- Oort cloud of comets
- Raindrop
- Red blood cell
- Rhinovirus
- Saturn's moon Janus
- Sun
- Virgo Supercluster of galaxies

## **Third Floor**

### **Hall of Primates**

- Bust of “The Old Man of Mikenno” gorilla (bronze)

## **Fourth Floor**

### **Breezeway between the Hall of Vertebrate Origins and the Hall of Saurischian Dinosaurs**

- Grasping hand (plastic model)

### **Hall of Vertebrate Origins**

- Amniotic egg (plastic model)
- Antorbital openings in the head (plastic model)
- Great white shark tooth (real)
- Jaws (plastic model)
- Palatal openings in the mouth (plastic model)
- Plesiosaur vertebra (real)
- Teleost fish with enameled scales (real)
- Tetrapod [four limbs] (plastic model)

### **Lincoln Ellsworth Corridor** *(on the first floor between the Grand Gallery and Warburg Hall of New York State Environment)*

- Bust of Lincoln Ellsworth

### **Paul and Irma Milstein Hall of Advanced Mammals**

- *Amphicyon* footprint (cast)
- Elephant tooth comparison display; modern elephant,

- mammoth and mastodon (real)
- Eyesockets near front of skull (model)
- Horse tooth comparison display—*Equus*, *Meshippus*, *Merychippus* and *Hydracotherium* (real)
- Stirrup-shaped stapes (model)
- Ungulates hoof (model)

### **Hall of Ornithischian Dinosaurs**

- Ankylosaur armor plate (real)
- Backward pointing pubis bone (model)
- Dinosaur egg (real)
- Inset rows of teeth (model)
- *Pachycephalosaurus wyomingensis* skull (real)
- *Stegosaurus stenops* dorsal plate (real)

### **Hall of Saurischian Dinosaurs**

- *Deinonychus antirrhopus* claw (cast)
- Juvenile *Apatosaurus excelsus* humerus (real)
- Three-fingered hand (model)
- Three-toed foot (model)
- Coelurosaur long arm (model)

### **Hall of Primitive Mammals**

- Amniotic egg (plastic model)
- *Gomphotherium productum* humerus (real)
- Placenta (plastic model)
- Synapsid opening (plastic model)
- Three middle ear bones (plastic model)

# Exhibition halls with no touchable objects on display

## First Floor

- Felix M. Warburg Hall of New York State Environment
- Hall of North American Forests
- Jill and Lewis Bernard Family Hall of North American Mammals

## Second Floor

- Hall of Birds of the World
- Hall of African Peoples
- Hall of Asian Mammals
- Akeley Hall of African Mammals

## Third Floor

- Leonard C. Sanford Hall of North American Birds
- Hall of New York State Mammals
- Hall of New York City Birds
- Hall of Reptiles and Amphibians

## Fourth Floor

- Wallach Orientation Center