



A MUSEUM FESTIVAL FOR ALL AGES

# I Science



Saturday, February 10, 2018 10:00 am–4:00 pm

## EARTH & PLANETARY SCIENCES

### **New England Geology**

Explore the geology of New England with Boston Mineral Club members and professional geologists.  
[www.bostonmineralclub.org](http://www.bostonmineralclub.org)

### **Button Making!**

Create a button to represent your love of science. Supported by SACNAS@Harvard (Society for the Advancement of Chicanos/Hispanics and Native Americans in Science)

## EVOLUTION THEATER

### **Tardigrades**

Look up close at the tiniest, toughest animals of all and make your own tardigrade to take home.

## ARTHROPODS

### **Lego® Habitats**

Use your Lego building skills to design a place for Madagascar hissing cockroaches to explore. Then test it out with our animals to see what they prefer.

## SEA CREATURES IN GLASS

### **Carnivorous Plants**

Meet meat-eating plants with Harvard researchers and the New England Carnivorous Plant Society

## VERTEBRATE PALEONTOLOGY

### **Visualizing Animal Morphology (1-4 pm)**

Learn how Harvard researchers Dr. Brandon Hedrick and Phil Lai use new visualization techniques to analyze animals and fossils. See how C-T scanning and 3-D modeling help us understand how animals have evolved.

### **Up, Up and Away**

Bats, Pteranodons, and insects all fly. How do they do it? Experiment with up-cycled materials to make your own flying thing to test in our wind tunnel.

### **Meet a Scientist**

What is it like to be a scientist at Harvard? Meet graduate students from the Departments of Human Evolutionary Biology, Molecular and Cellular Biology, and Organismic and Evolutionary Biology to learn about their research.

## NEW ENGLAND FORESTS

### **Exploring Ecosystems**

Using cards produced by the Encyclopedia of Life, construct a food web of plants, animals, and fungi living in local forests.

### **Create a Wildlife Trading Card!**

What's your favorite local animal species? Draw it and include some information about the animal to make your own trading card. Collect one of the Cambridge Wildlife Puppetry Project's trading cards, too.  
[cambridgeoutdoors.org/cwpp](http://cambridgeoutdoors.org/cwpp)

## MARINE LIFE

### **Ocean Life**

Examine spectacular shells collected by members of the Boston Malacological Club while looking closer at marine life on display.  
[www.bostonmalclub.org](http://www.bostonmalclub.org)

## GREAT MAMMAL HALL

### **Meet a Scientist**

What is it like to be a scientist at Harvard? Meet graduate students from the Departments of Human Evolutionary Biology, Molecular and Cellular Biology, and Organismic and Evolutionary Biology to learn about their research.

## **SPECIAL EVENTS**

### CLASSROOM B

#### **Research talks given by Harvard graduate students**

**10:30 am** *Mara Laslo, Hanken Lab*

#### **The Wacky and Wonderful Life Cycles of Frogs**

Learn about the incredible diversity of frog life cycles, meet some live frogs, and hear about current research on the life of these fascinating amphibians.

**11:30 am** *Kira Treibergs, Woollacott Lab*

#### **You Do This and I'll Do That!**

Chores can be tedious and time consuming. Learn about marine animal colonies and the ingenious ways they divvy up tasks to help them survive.

**1:30 pm** *Jordan Kennedy, Nagpal and Mahadevan research groups*

#### **Building Like a Beaver**

The engineering abilities of beavers are well known. Hear about how researchers use drones and modelling to study how beavers successfully and quickly build such sturdy structures from simple materials.

**2:30 pm** *Heather Dingwall, Capellini Lab*

#### **How Do We Grow?**

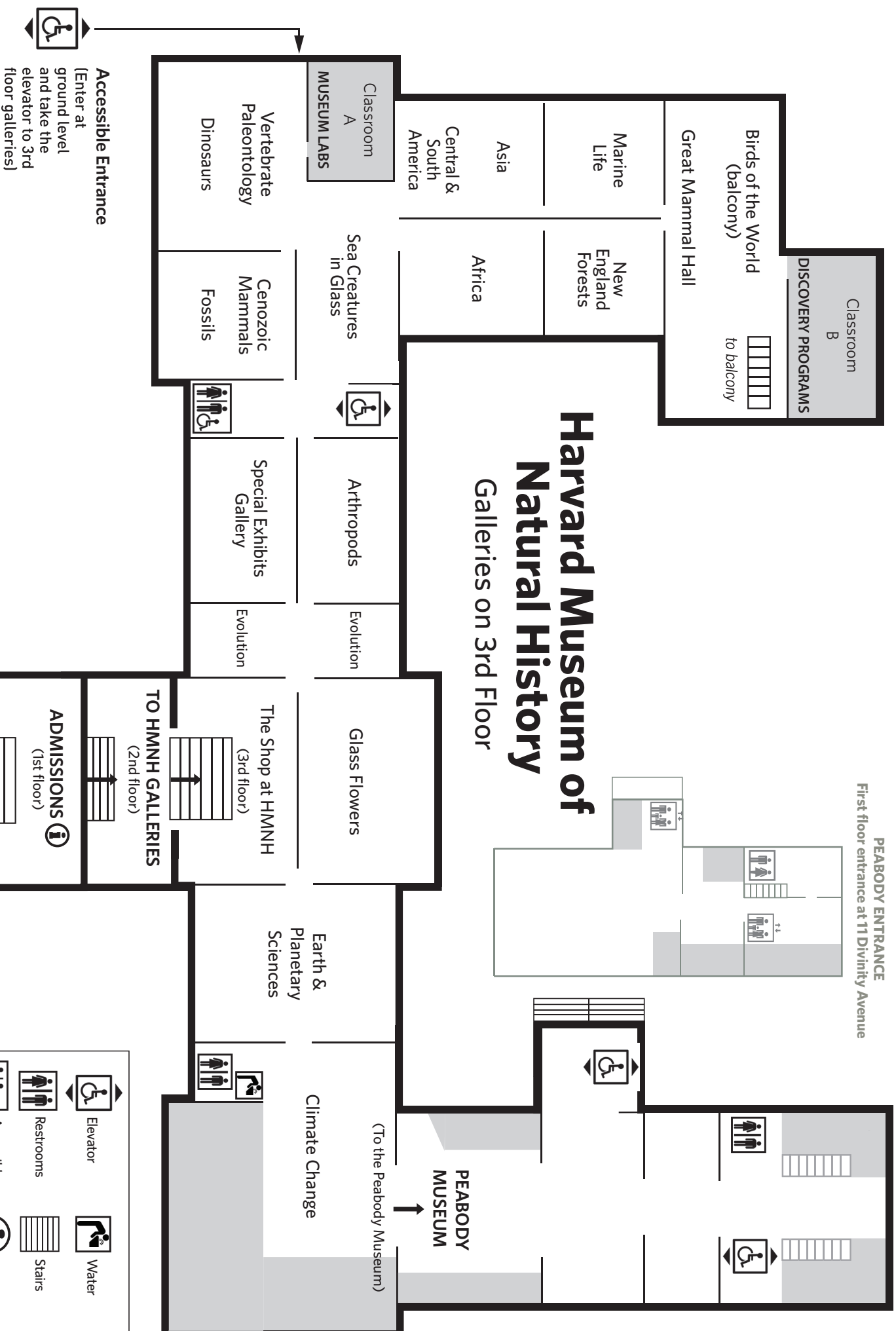
What makes our bodies get so big? Why and how do we stop growing? Learn about how the smallest parts of our bodies control the huge size changes we experience during our lives.

For information on other programs and activities visit: [hmn.harvard.edu](http://hmn.harvard.edu)

PEABODY ENTRANCE  
First floor entrance at 11 Divinity Avenue

# Harvard Museum of Natural History

## Galleries on 3rd Floor



1st FLOOR LOBBY  
Teacher Check-in  
Group Orientation  
Coat & Lunch Storage

HMNH ENTRANCE  
26 Oxford Street

Elevator

Restrooms

Accessible Restrooms

Water

Stairs

Information

For WiFi, select Harvard Guest