

Delve into the color spectrum like never before as you make your way through immersive rooms, each representing a color of the rainbow. Color-saturated spaces awaken the senses with vibrant specimens, photo-worthy displays, and shifting soundscapes. Marvel at the beauty and power of color in the natural world.



### **Exhibition Details**

**Size:** 5,000  $\text{ft}^2$  (465 m<sup>2</sup>)

Ceiling Height: 12 ft (3.66 m)

**Languages:** All text in English and Spanish; language may be converted by host venues

Science Advisor: Dr. Deborah Bekken, Director of the Gantz Family Collections Center

#### **Features:**

- Nearly 200 Zoology, Botany, and Geology specimens
- 16 atmospheric murals, 2 ambient scent stations
- 5 tactile interactive elements
- 3 videos and 8 soundscapes
- 4+ photo opps

### The Big Idea

Escape the everyday and explore the natural world through the wonder of color. Anywhere you look in nature, color holds meaning. It evokes emotion, signals alarm, creates disguise and illusion. In this special exhibition, you'll learn how to decode the hidden messages that different colors can send. Then, explore some of nature's mysteries that are hidden in plain sight: creatures that change color, plants and animals that give off an eerie glow, and shades of color that the human eye can't detect.

#### **Experience Bubble Plan**

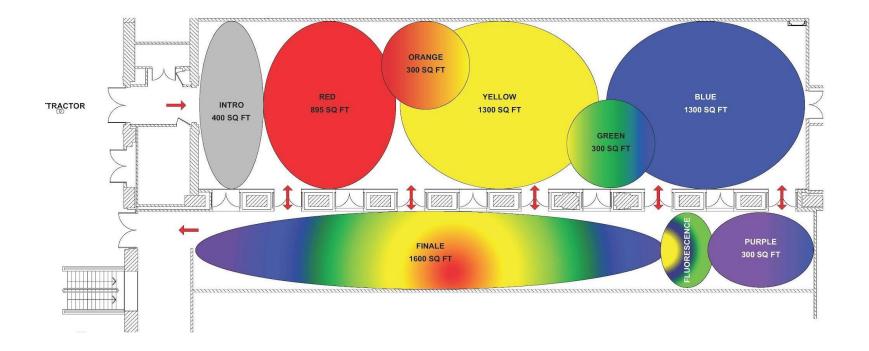
The three primary-color galleries (red, yellow, and blue) are large. Each will feature a central experience that stays consistent in format, but carries different content, featuring the color highlighted in that gallery. The three secondary-color galleries (orange, green, purple) are smaller, and serve as transition spaces between the primary colors.

The finale brings all the colors into play and launches visitors out into the world with questions, ideas, and conversation.

The bubble sizes in this diagram represent the relative weight of sections in the experience.

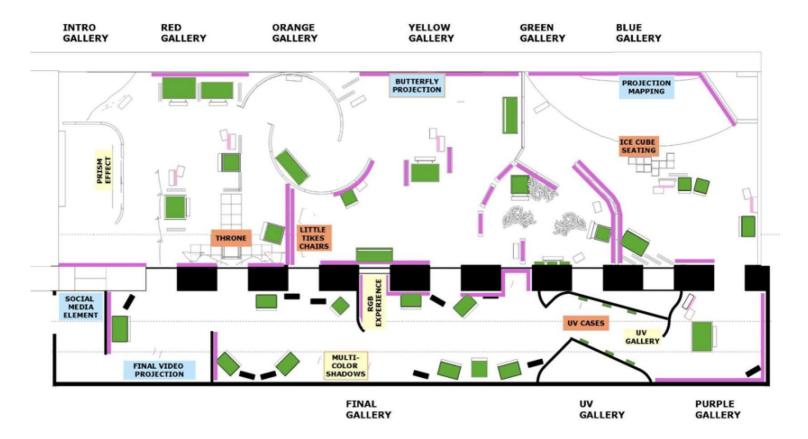
**FIE** LD.

#### **Schematic Floor Plan**



**FIE** LD.

### **Field Museum Floor Plan**



# **Exhibition Walkthrough**

## RED-EARED SLIDER ORANGE ROUGHY VELLOW-THROATED MARTEN GREEN LACEWING BLUE TORCH CACTUS

EXIT



It lends rubles and roses their alluring charm, Coral snakes and fire ants their warning alarm. Whether mountain, or forest, or desert, or sea, it's the hue nature uses to say, "Notice me."

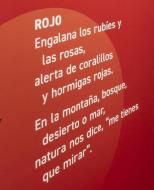
ROJO Engalana los rubies y las rosas, alerta de coralillos y hormigas rojas. En la montaña, besque, desierto o mar, natura nos dice, "me tiet que mira".

# Section 1: Red and Orange

Begin your journey through the color spectrum among the rich, luxurious hues of rubies and garnets. See how nature uses vivid red in the warning colors of king snakes and velvet ants, but also the attractive shades of fruits and flowers. A cornucopia of bright orange shells and birds follows.



It lends rubies and roses their alluring charm, Coral snakes and fire ants their warning alarm. Whether mountain, or forest, or desert, or sea, it's the hue nature uses to say, "Notice me."







 Organ pipe caral model Subports musicar Saecies range: Western Pacific a Indian Oceans

while fair come from Node. Polype, the living parts of a coral colony, emerge than openings in its Sublack executilization to take in the planister site coral feeds to fairs in the planister site coral feeds in the second second second second second internation of the way who the coral's

2 Mill conch Microstrombis contatus Forida Nyplics de servit des Subserve receipe Distribución (Dolayos) accelerato y Golayos)

Antiberce y County Instan Unit attended Sectorial data salar mark Car partic, Social data markets, Canada (2005), Sectorial de 141 april 2005), Sectorial Maketer participation data data.

A Pictic spiny apster Semitylur crassaguanu Mesia **3 Pictida lighting cooch** Strender aktur Satt di Nesio

Holian Ocean
 Holian Ocean
 Column Index
 Holian Ocean
 Holian Ocean
 Holian Ocean
 Spendylas crassioguama
 Spendylas Crassioguama

3 Strawberry top shell

ting conch Cliveta Mat Strombus alekas S Golite de Méxica  California Sheephrad model Semicalapphus pulicher California Inscrime
All sheephrad are born female a

ed duit print. But its balance for some trainition to becale se ones become more with a net-orange midmit and and white heads and tails. 7 Bonded iron formation Michigan Paleoproteinator: Era (2.5 to 1.4 billion years ago)

> These rule strapes of transition pages more deal that of transition pages aga, when the only life forms on clerk were more and the attemptions had little suggest, plaints and bacteria eventually listed the atmosphere with suggest, and the conditions that amatted widesy road Transid

macilien die Maarree Koondinaatie Vergiere Prophermatorica

Estate français ropai de juster d'un lan terrera se tornal duras de la matareas de alora, cuando tes cuastas seres vivos en el plane erais tas échosos se la alaman terria para polípica y la alaman terria para polípica y la alaman terria polípica el planeta durante de exigeno el planeta durante vision misiones de años. Las condiciones que permitirano terreación de "neras bandes" Granates Mageou Midea eris Granates e Agains

S. Granation en-



## **Object Groupings in Red**

- Red as warning
- Pigments from food
- Red hair and fur
- Red to attract
- Mixed red







•

1

Some lemony beam of light, some lazy butterfly, the chirp of a morning warbler unzipping the light of day.

Sunflowers, daisies, clumsy bumblebees, the summer-honeyed laughter of children at play.

AMARILLO Un rayo color lima, una letto mariposa, el chipe emarillo con maĥarero cantar. Girasoles y margaritas, abejorros, la dolce risa de los inhos al jogar.

-

0

0

### **Single Object Grouping in Orange**

• Mixed Orange



## Section 2: Yellow and Green

Among yellow dandelions, bees, field mice, and butterflies, go ahead and "try on" butterfly wings to see how you look. This sunny space gives way to a forest of green leaves and the creatures that camouflage themselves among them.







#### YELLOW TO BE SEEN AMARILLO PARA SER VISTO

To the human eye, flowers in bloom can be an explosion of eye-pleasing color. But a flower's color is actually for survival. Flowers produce bid, flashy colors to entice pollinators to move pollen between plants, allowing them to reproduce.

Para el oci humano, las flores punden en una placentera explosión de color. Pero al cior de una flor sirve para sobrevirir. Las flores produce colores interese y liberator para arrar a los polínicadores que visijar de plana en ponto, por poder neoroducerse.



MAMMALS AND MELANIN

----

-

a mante

1 100

And a second second

Nan Alena Al

Anna an an ann A Design of the local division of the local

10.00 S COMPANY

A MARY PART MARY AND A MARY AND A

Anna anna the fee because

State Street -----

and all

-

14.7 -----



## **Object Groupings in Yellow**

- Butterflies
- Melanin in fur
- Bees, their mimics, flowers
- Mixed yellow

















## **Object Groupings in Green**

- Mixed green
- Camouflage
- Leaves







# Section 3: Blue and Purple

A centerpiece of the exhibition is the blue multimedia space, where the deep blue seas and skies surround you. Investigate how insects, fish, and reptiles create blue with microscopic light-bending textures, then marvel at surprisingly purple animals and plants.





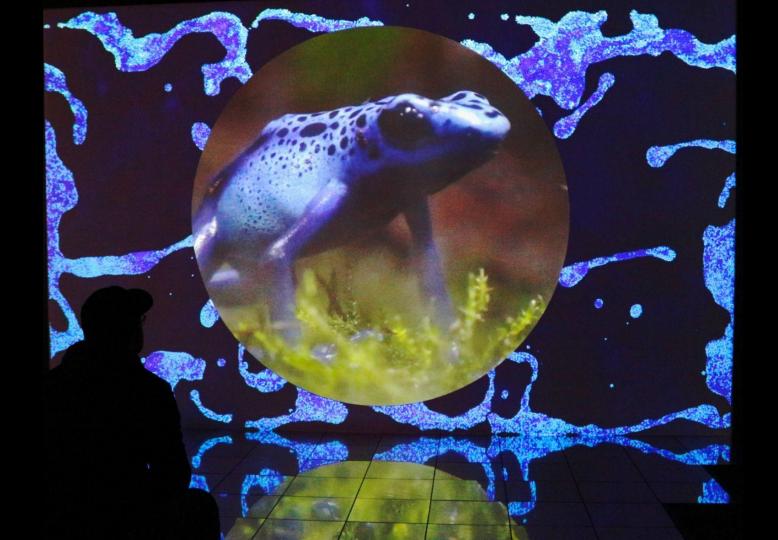
Jays and marlins stroke the sky Our marbled planet swirls air and ocean intertwined a liquid, breathing world.

.

20 F. R.

.











# **Object Groupings in Blue**

- Marine life
- Structural color
- True blue?
- Blue as display













#### MALABAR GIANT SQUIRREL

This trugs, writingly-calored equirvel, write to Eastern and Santhern India, prichtlyr extend to coloration as convolting-creatily biblogh they're bright, the particly colors biend with the brens caregy as the separate jamps Jams trends to thereing.

ARTELLA ECCAPTE DE LA INDIA Torresta estado de alterna espanalmente de antella de estra sue de la tella. Protobilerente de antella de estra sue de la tella. Protobilerente de antella alterna estratular de la de antella de antella alterna de antella estrat.

# **Single Object Grouping in Purple**

• Mixed purple









Beyond the range of human sight, there's a violet hue of greater energy: ultraviolet. Explore and compare the dramatic color shifts of animals, plants, and minerals under UV lights.



# ULTRAVIOLET

Beyond the range of human sight, there's a violet hue of greater energy: ultraviolet. Some substances can absorb UV light and then release that energy slowly, shifting it to a frequency we can see. This *fluorescence* can show us invisible patterns in nature that we're just beginning to discover and understand.

ULTRAVIOLETA

El ultravioleta es un tono morado de gran energía que es invisible para el ojo humano. Algunas sustancias aborben la luz ultravioleta y emiten esa energía lentamente, cambiándola a una frecuencia que podemos ver. Esta *fluorescencia* puede mostrarnos patrones invisibles en la naturaleza que estamos empezando a descubrir y entender.

Press and hold for UV light Para ultravioleta montener presionae

> Press and hold for UV light Para ultraviolata mantener Presionado





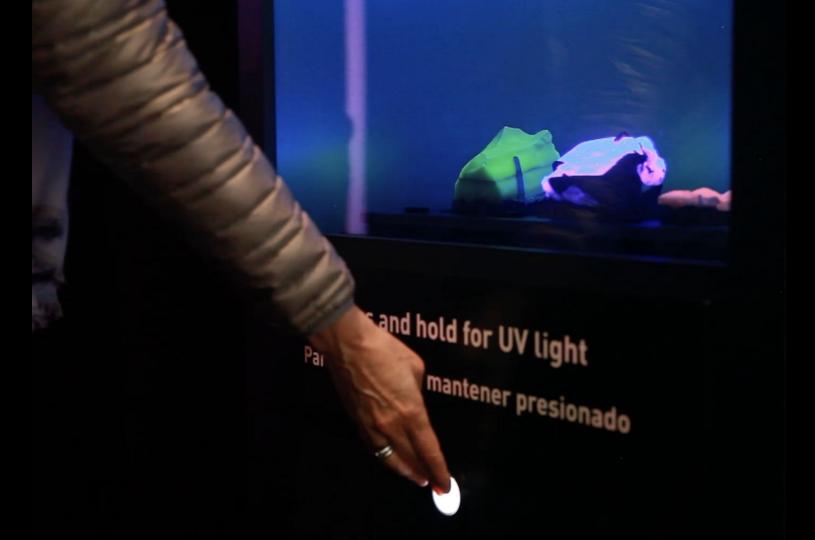
Press and hold for UV light Para ultravioleta mantener presionado





Press and hold for UV light Para ultravioleta mantener presionado







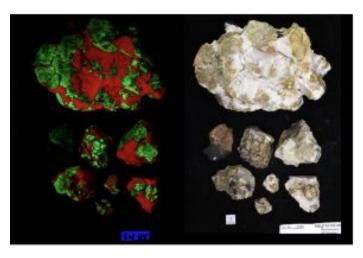
# **Fluorescent Under UV**

- Minerals
- Fossil shells
- Lichens
- Scorpion
- Southern flying squirrel









# Section 4: Black and White

Experience the extremes of dark and light—from birds with feathers so black they absorb nearly all light, to the reflective white underside of a silver fern. Share your photos #WildColorDMNS

TIMY

STARTLING BLACK

2P2

### BLACK OUT

Most of the colors we see are reflections of light, but black is the absence of light. True black is hard to find—even "black" paint only absorbs about 95% of visible light. But some deep-sea creatures—like light. But some deep-sea creatures—like the anglerfish—have evolved ultra-black the anglerfish—have evolved ultra-black the anglerfish—have nearly invisible to scales, making them nearly invisible to their prey.

NEGRO TOTAL La mayoría de los colores que venas son reflejos de luz, pero el negro es a susencia de luz. Es dificil encentrar negar avalación incluso la pintura "negar" avalite, pero alguna cerca del 95% de la luz visible, pero alguna criaturas ablastes, con que pero para desarrollado escamas super negas na desarrollado escamas super essaser casi invisibles para su presaSTARTLING BLACK Being black and white is a great way to make a statement. Contrasting Stripes and spots can help animals identify members of their own species, warn enemies to stay away, or even make their outlines harder for predators to see.

ASOMBROSO BLANCO Y NEGRO Blanco y negro juntos causan una gran impresión. Las rayas o manchas contrastantes sirven como identificación de la propia especie, advertencia a los enemigos o camuflaje contra los depredadores.



# **Black and White Objects**

- Black and white
- Black
- White





# Section 5: Wildly Colorful

The finale of specimens and media brings together the entire rainbow to answer some big questions: Why is nature so colorful at times? How can plants and animals change color? How do we make colors from nature? And how can we connect to color in nature?





-•

.

Color in nature is not fixed; it often changes with the seasons to help animals and plants survive. As they make the transition from summer to winter, new conditions may require different camouflage or slowing metabolism may trigger changes in pigmentation.

COLDR CAMBLANTE Las polares en la nationidate do son filos. A menudo cambian con las entraciónes apolanda a la super-intenzia de acionales y piestos. Con a paro de vareza o atomiento, las naeuras condiciones puedes importé de cambiante de terreto a la desentencia de la pigmentación.



23215

(ALANA)

----

.





DYES For thousands of years, people have growed up miserais, crushed animal parts, or socied plants to extract of years and make their world more coloriful. These sources are just a two of the thousands from which we can derive color from colore.

TINTES NATURALES Nice miss de altes que tentes molido minerales, aplandad parties animales o mengielo plantas para estrare tones y dará celar a manter en muñas de recursos que tenento para alterer calto de la naturaleze.

#### RAINBOW OF GEMSTONES

Although color can be a clue to identify mineralis, big color difference don't always men big differences in material. Here, the orange and purple stones (A, B) are both quartes, while the yellow and blue stones (S, T) are both beryles. Different impurities can create a range of colors in gens mad of the same mercal.

ARCOIRIS DE GEMAS Anque el colar es una de las claves para identificar minerales, una gran diversidad en coir no siempre indica que el material sea diferente. Estas gemas naranja y violata (6, 8) son cuarzos, mienteras que la amarilía y la estul son berillo (5, 7). Las diferentes

impurezas pueden crear un range color en las gemas del mismo -



#### FULL SPECTRUM

For the male peacock jumping spider, just one color is not enough as he attracts his mate with bold hues and dramatic dance moves. Wildly colorful creatures may also use their multiple hues to blend into a colorful environment or even to confuse predators. And sometimes an abundance of color is simply a beautiful mystery.

#### AMPLIO ESPECTRO

Un color no es suficiente para la araña pavo real macho, pues atrae a su pareja con tonalidades fuertes y balies dramáticos. Las criaturas con muchos colores pueden usarlos para pasar desapercibidas en ambientes coloridos o confundir a sus depredadores. Pero a veces la abundancia de color es sólo un hermoso misterio.

a sea of the local on the state of the state of the 1- -1 ..... 10% ON Radi estrella Carolina del Norte 4 Citrine quarta 10 Brazil Curra citrina trais Basel 11.22 1.12 Corundume, Including 5 Hellodor שבהור זרה ברוווקוובג Brazil Meladara 134 ALESS 500 Constants in constant of the 6 Peridot 14.00 a render Egypt Server 1 Arriana the same per and supervised 1 14.7 10000 The series were proved Aparticle IT IS NOT THE PARTY AND THE and second states and Apartanta and the second and the second second



#### SHIMMERING IRIDESCENCE

Iridescence: it's why we stare at stap bubbles and the sheen of all on water, and it's why certain planta and animals are so captivating. Iridescent surfaces scatter light and give a sense of shifting color that changes as we look from different angles.

HUDDSCENCIA RELUCENTE Instructiona, pue la que mornanse lla susseite las burbitas de Jalada y 40 baitos de aseren Variantes este factoria las espanas planes variantes este factoria las que y centa la aportense dagar tora de un como camanare a la vensos de alegados diversos.





# Wildly Colorful

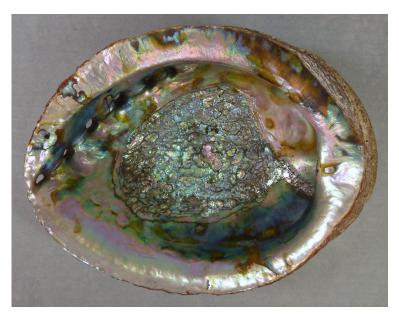
- Natural dyes
- Iridescence
- Color mutation
- Color changing











Still from *Wild Color Finale* Video Run Time: 1 minute, 30 seconds

"So take a moment today to soak up Earth's beauty and to consider what lies just beneath the surface of nature's wild color."

# **Optional Elements**

# **Acrylic Hexagons**

- **Description**: Multicolored acrylic decorative hexagons with nature images etched in the centers
- Notes: Travel with exhibition; installation is optional





### **Tri-colored light interactive** (RGB experience)

- **Description**: RGB lights projected onto white surface that allow visitors to make interesting, playful shadows
- Notes: Does not travel with the exhibition; can be sourced and reproduced by host





### **Stencil Gobos**

- **Description**: Gobos that create decorative patterns on the floor
- Notes: A selection of gobos for the Orange, Yellow, and Green galleries are included; host to supply the lights on which the gobos are installed (lights do not travel with the exhibition)



## **Dazzle Wall Graphic**

- Description: The "Dazzle" pattern, which is printed on a Field Museum-provided dimensional scrim, can also be printed for use as a wall treatment, if desired
- Notes: A print file is available upon request for use in the Black and White section



# **Carnovsky RGB Wallpaper**

- Description: Wallpaper that reveals different animals when exposed to changing RGB lighting
- Notes: Wallpaper available for purchase; venue must provide lighting



### **Interactive Light Table**

- **Description**: Interactive light table with multicolored acrylic overlays
- **Notes:** Originally designed and produced by the Denver Museum of Nature and Science for their 2023-2024 presentation of *Wild Color*





## **Social Media Projection**

- Description: Crowdsourced social media element featured as a finale projection; showcased visitors' hashtagged photos of color "in the wild"
- Notes: Originally integrated into the Field Museum's presentation through a third-party photo-gathering and permissions platform called Crowdriff





#### **Field Museum – Traveling Exhibitions**

312.665.7119 | 312.665.7311 | travelingexh@fieldmuseum.org