

ART

AT THE
NORTH CAROLINA ZOO

MAKING CONNECTIONS TO NATURE

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Making Connections to Nature

The North Carolina Zoological Park sustains a culture that relies on artists to enrich the expression of its vision and goals. The Zoo depends on these artists to build sensory bridges that beckon visitors to step beyond their ordinary perceptions and into a heightened awareness of nature.

These artists work by tantalizing visitors' senses — moving them with colors, shapes, sounds, movements and textures. Works spring up around the Park, all aligned to awaken curiosity, challenge perceptions and evoke new ideas about nature's unyielding beauty and unending variety.

The Zoo's collection calls out to everyone. It incorporates diverse media and broadcasts layered messages that break through cultural barriers and reach across generations. Different styles, different artists and different forms invite visitors to embark on unique journeys of personal discovery and exploration.

The works emulate nature's diversity. They emerge as smooth bronzes, recorded stories, textured ceramics, detailed illustrations, serious oils, lighthearted sketches, complex murals and lively music. Together they complement one another. They poke at nature's secrets to gently expose, and explain, the bonds that link human survival to the living organisms that clean and sustain the air, the water and the earth we all need to survive.

Zoo art magnifies nature: its beauty and its complexity. Zoo art evokes emotions: it inspires people to care about and preserve the natural world.



“We want the individual art works to be attractive and intriguing in their own right, (but) the more they make people think and question the better. The continuing theme we want to incorporate into the Park, into the exhibits and into the public areas is interconnectedness – the inter-reliance of man and other living forms.”

David M. Jones

Director, North Carolina Zoological Park



This symbol indicates the art works that offer tactile and auditory experiences for our visually impaired visitors.

LOCATION: North America:
Entrances

1 *The Elephant Group* (1998)

Peter Woytuk

Bronze

Sponsored by Bob and Bonnie Meeker

The Zoo's largest sculpture greets visitors at the main entrance. Designed to signify arrival and generate feelings of excitement and anticipation, this arrangement of life-sized elephant sculptures creates an environment where the negative space and the relationship between pieces is as important as the individual sculptures themselves. Distilled into simple forms without a lot of detail, the sculpture results in a rhythmic interplay of concave and convex masses.



2 *Ancestral Forest* (1995)

Jonathan Kingdon

Acrylic on Board

Located inside the Stedman Education Center,
near the North America Entrance.

The artist describes *Ancestral Forest* as symbolizing the forest as “Past and Parent” and as “Treasury for the Future.” The forest is provider of traditional resources, of history and legend and is a source of national pride. People, animals and plants were not just inhabitants of the Forest, they were the forest. They were governed by the forest, found medicines and wild foods in the forest and their homes were cut from the forest. The ancestors sang their legends and found their symbols in forest animals. And today new knowledge about the forest will help contribute to the prosperity of their progeny.



3 *Sonoran Desert* (1997)

Jonathan Kingdon

Acrylic on Board

Located inside the Stedman Education Center

On loan from artist

A companion piece to *Ancestral Forest*, *Sonoran Desert* features animals and plants whose unique adaptations allow them to thrive in a place where water is scarce.



“We must save the poetry that swims in creeks and nests on mountain cliffs and leaps from jungle vines. Our greatest legacy will be to pass along that living, breathing poetry to future generations.”

—Michael Beadle



4



4

4 *Spalanzani's Generator* (2006) 🏆🏆

Pete Beeman

Painted Steel, Solar Panel and Bicycles

Sponsored by Bob and Bonnie Meeker

The artist was able to marry a strong visual aesthetic, a participatory, kinetic function and two alternative power sources in Spalanzani's Generator. The theme of alternative energy is expressed through the motion of two giant "arms," powered by a solar panel and people peddling three bicycles. The sculpture's link to "green" technology and the sustainable use of resources supports the Zoo's conservation mission. The name of the sculpture comes from a 19th century opera called the Tales of Hoffman by Jacque Offenbach in which the hero is duped by a mad scientist named Spalanzani into falling in love with a robot woman.



5

5 *The Green Dragonfly* (2011)

Mike Durham

Recycled Materials

Made possible through a gift to the NC Zoo Society by Pamela Potter and De Potter



6

6 *Sum of the Parts* (1998)

Dempsey Calhoun

Painted Steel and Fiberglass

Sponsored by Bob and Bonnie Meeker

Sum of the Parts celebrates the diversity of life on earth. Most of the 20 cubes in Sum are reminiscent of a child's colorful alphabet blocks but three are slightly removed from the rest. Two represent endangered species and the third symbolizes species already lost to us. We hope this piece will engage visitors and generate thoughtful discussion about the delicate balance of nature.

**LOCATION: North America:
Cypress Swamp & Marsh to Rocky Coast**



7

7 *Zoological Egg Rest* (1995) 🏆🏆

Horace L. Farlowe

Georgia Marble

Made possible through the N.C. "Art Works for State Buildings" Program

The egg, the essential symbol for life, is the form on which this graceful marble sculpture is based. The large smooth, elegant eggs have a strong visual impact and tactile quality. Children often sit on them or lay across them, after all, it's not often one can hug a turtle egg.

8 *Cattail Gate* (1998)

Jim Gallucci

Steel and Brass

Sponsored by Donald Morrison as a living memorial to his wife, Cynthia D. Morrison



8

9 *Preening Heron* (2005)

William H. Turner

Bronze

Sponsored by Watsco, Inc. in honor of Jeff Flies



9

10 *Lisa's Drafonfly* (2011)

Mike Durham

Recycled Materials

Made possible through a gift to the NC Zoo Society by De Potter in memory of Lisa Cassidy, a member of the Zoo Horticulture Staff.



10

11 *Murmuration* (2013)

Mike Roig

Stainless Steel & Recycled Steel

Sponsored by Bob and Bonnie Meeker

Murmuration is a kinetic sculpture that suggests natural phenomena like the movement of wind and the flight of starlings.



11

12 *Billy Goats Gruff* (2012)

Bob Coffee

Bronze

Made possible through the NC Zoo Society

Three Billy Goats Gruff is inspired by a Norwegian fairy tale.



12

13



There are no words
inside his mouth,
inside his golden eyes.

So we stand, silent,
both of us tense
under the speechless but faithful trees.

Evidence by Mary Oliver

13 *Poetry of Conservation (2013)*

2012 poets in residence:

Pat Riviere-Seel, Bill Griffin
and Michael Beadle

Made possible partly through the NC Zoo Art
Program Fund and sponsored in memory of
Max Newton Greer, Jr. by his family.

Twenty two poetry excerpts and three full length poems by the zoo's 2012 poets in residence were chosen to exalt nature's beauty and remind us of it's fragility. Installed as the Poetry of Conservation, the verses pop up unexpectedly around the Park and are intended to inspire reflection and conversation.

Other Poets Represented:

Sam Ragan

Kathryn Stripling Byer

Mary Oliver

Wendell Berry

William Wordsworth

James Boyd

Anthony S. Abbott

Martin Buber

Ravi Shankar

John Muir

Han-Shan

Cathy Smith Bowers

Stanley Kunitz

Jane Yolen

A.R. Ammons

Ann Deagon

Carl Sandburg

Anna Wooten-Hawkins

A.R. Ammons

Chief Seattle

Gerard Manley Hopkins

Frank O'Hara

Pablo Neruda

Henry David Thoreau

LOCATION: North America: Cypress Swamp to Rocky Coast

14 *Catamount (2002)*

Bart Walter

Bronze

Sponsored by the James C. Raulston Estate

Catamount is another name for a puma or cougar — a large, long-tailed, unspotted, tawny colored cat. The eastern cougar was known to have lived in North Carolina and 20 other eastern states from Maine to South Carolina and from Tennessee to Michigan.

15 *Stalking Little Blue Heron (2005)*

David H. Turner

Bronze

Sponsored by Watsco, Inc. in honor of Jeff Flies

This sculpture is an accurate depiction of the way the little blue heron moves while hunting for food in a watery habitat. This small bird is found mostly in the southeastern United States in swamps, estuaries, rivers, ponds and lakes. Habitat loss and changes in local water systems are the most serious threats to this animal.

14



15



16 *Bald Eagle with Salmon* (1998)

David H. Turner

Bronze

Sponsored by the Independent
Insurance Agents of North Carolina



16

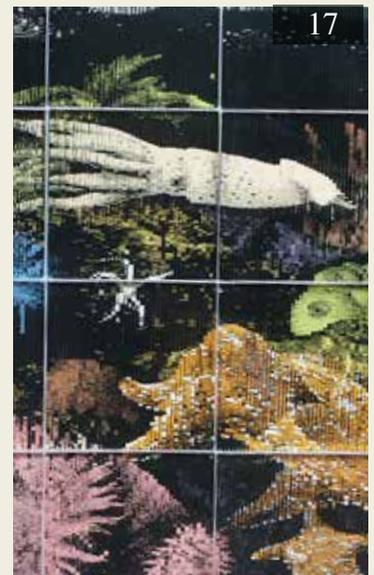
17 *Arctic Turns* (2003)

Rufus Seder

Lenticular Glass Tiles

Sponsored by Bob and Bonnie Meeker

Made of glass tiles, *Arctic Turns* features nine murals with images that appear to move as the viewer walks by them. The murals depict a variety of animal life within marine environments. They also illustrate ways in which people have historically been connected to the world's oceans and hint at how human activities have affected ocean health. Oil rigs, a fishing trawler and Eskimo hunters are placed in the various scenes of the murals.



17

18 *Polar Bear* (2013) 🏆

Chris Gabriel

Bronze

This sculpture was made possible through a gift to the NC Zoo Society in memory of Thomas W. Young by his loving wife, Frances. Tom's volunteerism and devotion to the Zoo continue to inspire.



18

19 *Arctic Fox* (1999) 🏆

J. Tucker Bailey

Bronze

Sponsored by Muriel J. Fox in memory of her husband, William Howard Fox



19

**LOCATION: North America:
kidZone, Garden Friends (near Nathan's)**

20 *Ready or Not* (2013) 🏆

Patrick Dougherty

Maple Saplings

Sponsored by Bob and Bonnie Meeker

Ready or Not was designed, as the entrance to KidZone, especially with children in mind. The openings and rooms of the maple sapling sculpture were intended to stimulate imaginations. It is a magic place waiting to be explored.



20



21 *Hummingbird Garden* (1996)

Jim Gallucci

Painted Steel

Sponsored by Emily B. Ettinger in memory of her husband, Richard E. Ettinger

22 *Follow the Pollen Path* (2002) 🏡

De Potter

Glazed Ceramic Tiles

Sponsored by First National Bank & Trust Company and Zoo Walk 2001

This tile mural, situated at the entrance to the *Garden Friends* playground, ties into the playground's theme of beneficial insects in the garden. The "pollen path" is the route taken by honey bees when they fly out from their hive to forage for nectar and pollen. In their search for food, the bees pollinate the blooms that they visit. Orchards, farm crops, our home gardens, and most flowering plants depend upon honey bees and many other insects for pollination.



23 *Garden Friends* (2002) 🏡

Loui Bradley & Zoo Design Staff

Painted Steel and Fiberglass

Made possible by the State of NC and the NC Zoological Society

Playing in a giant gourd, sliding down a massive leaf and climbing on an over-sized mantis frees children to use their imaginations in a place where they are "bug-sized."

LOCATION North America: Streamside



24 *River Frolic* (2001) 🏡

Carl Regutti

Bronze

Dedicated to Jefferson D. Bulla, II M.D. by Lisa and Billy Pennington, Jeff and Toni Bulla and Ross Bulla

North American otters are fast, agile swimmers propelling themselves through the water by kicking webbed rear feet and moving their bodies from side to side, like a snake. Even though they can see underwater they have whiskers that help them locate prey when the water is murky. Their diet consists mainly of non-game fish, crayfish, insects and small mammals. In this graceful sculpture the Artist captures a "dance" of two otters as they go after a fish.

25 *Streamlines* (2004)

Stacy Levy

Asphalt, Paint, Glass, Incised Granite Discs

Made possible by a grant from the NC Arts Council to the Zoo's Visiting Artist Program

As the flow of water is interrupted by the bends in a creek or rocks in a channel, it is twisted and curled into beautiful scrolling spirals called streamlines. This artwork diagrams the hydrolic flow which would be present if this path were a stream. The small medallions inset into the path represent the variety of micro-organisms found in a healthy stream.



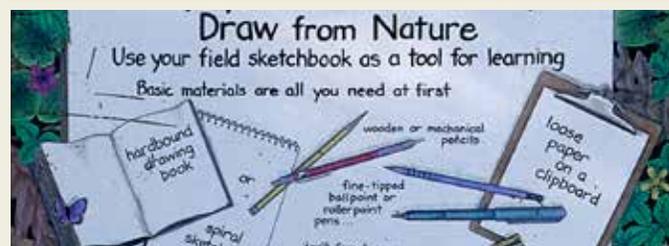
26 *Field Sketching Panels* (1996)

Consie Powell

Scotchprint Panels

Made possible through the N.C. Zoo's Visiting Artist Program

Three (big) pages from a naturalist's sketchbook give many hints for drawing from nature. The field journal is a record of observations and thoughts about the natural world around you. Sketches and written observations can lead to finished art work as well as stories, ideas or scientific discovery.



LOCATION; North America: Black Bear to Honey Bee

27 *“Why Bear Why?”* (2008)

Cynthia Mitchell

Story, Recording & Book

Made possible through the N.C. Zoo's Visiting Artist Program

Travel to the ocean and the shores of Ocracoke Island. There Hallie and her father meet up with three singing sandpipers and a very unexpected visitor. Taking our cue from Hallie - there's no telling what wonders, mysteries and surprises we can meet up with when we pay attention to the world around us!



Accessibility and interaction with a sculpture create paths to a greater appreciation of the form, feel and function.



28 *Bear and Shaman* (2012)

Jonathan Kingdon

Bronze

**Gift of the Family of Stephen A. Wainwright in
Memory of Ruth Palmer Wainwright**

Bear & Shaman symbolizes the uneasy juxtaposition of wilderness and people. The bear represents America's vast spaces and the shaman alludes to humanity. Her tambourine standing for the protective role of technology. The surprise on their faces hints at the uncertainties facing man and beast, nature and civilization, as they try to adapt to each other.



29 *Black Dog* (2001) 🏆

Donna Dobberfuhl

Bronze

Sponsored by Bob and Bonnie Meeker

“When I received the commission to design, sculpt and deliver a life-size bronze of a bison (for the NC Zoo) all of my past experience with large works immediately went into play. When I start a sculpture such as this I always research my subject thoroughly, finding out about the essence of the species, the physiology and.. the folklore. When reviewing the history of the bison and the early attempts at conservation I found the story of one most interesting animal, ‘Black Dog,’ from all descriptions one of the largest bulls documented. He became my focus. The bronze sculpture of Black Dog is the manifestation of my vision of a great historical figure. Conservation efforts have saved the bison and I hope that the image that I have captured in bronze brings a smile and a sense of ownership to this magnificent creature of the plains.”



30 *Uwharrie Vision* (2003) 🏆

Herb Parker

Concrete, Steel, Soil and Plants

**Sponsored by the family and friends
of Wescott Moser**

A distant view of Harvey's Ridge can be seen from the top of Uwharrie Vision, an earth works installation so well blended into the native landscape that it appears to be a natural outcropping.

“Poetry – like the silk strands of a spider’s web – connects us to each other and to the natural world. Poems make us stop; they call us to experience the world through all five senses and allow us to see the world anew. Provoking the imagination, poetry has the power to both connect us and commit us to the only world we have.”

Pat Riviere-Seel

31 *Prairie Geyser* (2009)

David Swanson - landscape architect and
Zoo Design staff

Sponsored by Bob and Bonnie Meeker

The *Prairie Geyser* fountain is located at one of the four NA Prairie overlooks so that visitors stopping at the accessible wooden deck may see grazing bison and elk. The geyser has five “spouts.” Four of these spouts are smaller and erupt continuously, reaching two to eight feet in height, while the main spout will burst 20 to 40 feet high about every five minutes. On breezy days, visitors may catch some of the drifting spray. Built by Zoo staff and private contractors, this fountain uses regular drinking water which is recirculated. An automatic timer starts the fountain in the morning and turns it off in the evening.



32 *Stone that Stands in an Empty Sky* (1997) 🏆

Roger P. Halligan

Steel and Concrete

Made possible through the N.C Zoo's
Visiting Artist Program

The standing stone is a monument to the flocks of hundreds of Carolina Parakeets that once swooped into Randolph County in the spring and festooned the tree tops with vibrant color. It is a memorial to a now extinct species.



33 *Sonoran Snake* (1993) 🏆

Warren Mather & Nancy Selvage

Ceramic Tiles

Sponsored by Mr. and Mrs. A. P. Anderson

Into the body of the snake is a continuously modeled terrain of rocks, plants and animals. From the tip of the tail, complete with a set of rattles, to the beautiful triangular head of the western diamondback rattlesnake desert animals roam by day and by night.



“Out of imagination (comes), on the one hand, compassion; on the other hand, the arts, and they’re connected to each other. The arts remind us of our kinship with all other life, and with the mortality of other life – the ephemeral, precious nature of every other form of life.”

W.S. Merwin, US Poet Laureate, 2010 – 2011



35 *Piedmont Totem* (2012) 🏗️

Montgomery Community College Ceramics Class

Thrown and modeled to represent flora and fauna native to the Zoo site, the ceramic rings - each a complete artwork - embody the interdependence found in every aspect of nature. Organisms that promote decay (the centipedes, fungi, beetles) and things underwater (fish, tadpoles, water plants) are on the bottom. In the next layer the ground dwelling animals and plants can be seen (box turtle, beaver, trout lily, black snake, wild ginger, skunk and deer). Higher up on the totem are the butterflies, squirrels, oak leaves and acorns. A raccoon peeps out of a hole in a tree, bats hang among the sugar maple and muscadine vines. In the highest branches a woodpecker can be discovered along with a great horned owl, a red-tailed hawk, and finally at the top a bald eagle soars.

The Piedmont Totem sculpture will engage visitors, especially children, by offering a variety of native animals and plants they might see in their own back yards. Within the Piedmont Totem children may hunt for animals and plants they already know, learn more about those they don't and gain a better understanding of the subtle and layered web of life.



35 *Mining Balls & Stones* (2000) 🏗️

Donation from Susan Dail Ross Parks

These iron balls and granite troughs were used in the 1840's to grind gold at the Gray Mine in Asheboro. They were shipped from Belgium to the port of Wilmington, barged up the Cape Fear River to Fayetteville and "it took 16 yoke of oxen to carry the load" by the Fayetteville-to-Salem Plank Road to the Gray Mine. North Carolina was the nation's only gold-producing state from 1803 until 1828, and continued as a leading producer until 1848 when gold was discovered in California.



36 *Worker Bee* (2009) 🏗️

Loui Bradley, NC Zoo Exhibit Designer

Fiberglass

Donation to the NCZS by Bob and Bonnie Meeker

The large scale fiberglass "worker bee" sculpture in the Honey Bee Garden was designed as a climber to engage children in learning about bees through play. Worker bees, all female, are thought to control the fate of their colony by their unceasing activities. At different stages of their short lives they take care of the young, defend the hive, clean and cool the hive, forage miles for pollen and nectar and produce honey to feed the colony.

37 *Bee Skep* (2009) 🐝

Joel Payne/Crista McGee,
NC Zoo Exhibit Designers

Steel and Concrete

Sponsored by the Donald and Elizabeth
Cooke Foundation.

European bee keepers have used “skeps,” hives woven of grass or wheat straw and bound with vines, for over a thousand years. Skep is the old Anglo Saxon word for basket. The bees attached their comb to the top of the basket. Bee keepers regularly checked their skeps by picking them up to see how heavy they were; a heavy skep meant it was full of honey.



37

LOCATION

Junction Plaza:

38 *Junction Springs* (2000)

Linda Dixon & Drew Krouse

Ceramic Tiles

Sponsored by Bob and Bonnie Meeker, Winn Dixie,
the J. Richard & Sybel F. Hayworth Foundation, the
N.C. Arts Council, the
Ronald McDonald House Charities-
International and N.C. Chapter, Acme-
McCrary and Sapona Foundation

In *Junction Springs* the artists have woven a beautiful tapestry of diverse and interconnected living things, incorporating flora and fauna from the North Carolina mountains, piedmont and coast. The overarching theme is water, a natural resource and a basic requirement for life. The mural depicts the movement of water from a mountain spring towards a river basin and finally into the sea. Rain clouds in the distance remind us that water falls, is absorbed into the earth or flows in rivers and creeks, evaporates, forms clouds and falls again, in an endless cycle.



38

39 *Passages to the Continents* (1999)

Arlene Slavin

Powder-Coated Steel

Sponsored by the Carolinas Chapter of
Safari Club International

Intended to function as “gateways” into the Zoo’s North America and Africa regions from either side of the Junction Plaza, these sculptures incorporate animal and plant imagery representative of the rich biodiversity of each continent.



39



LOCATION:
Africa: Forest Aviary to Forest Edge

40 *The Bird Garden (1996)*

Jim Hirschfield & Sonya Ishii

Painted Steel

Donated to the N.C. Zoo by the artists

The theme of this elegant and provocative suite of seven sculptures is species loss. They are subtle and somber reminders of the profound impact of human actions. The birds include the Huia of North Island, New Zealand, last seen in 1907, the Laughing Owl of New Zealand, the Spectacled Cormorant, last seen in 1850, Martha, the last Passenger Pigeon seen in the US in 1914, the Great Auk of the Isle of Puffin, the Dodo and the Pink Headed Duck, last seen in 1945.



41 *NC Zoo, Inside Out video (2010)*

Sponsored by Bob and Bonnie Meeker

The NC Zoo, Inside Out video is located at four touch screen stations throughout the Park. It is a behind the scenes look at the Zoo containing five segments totaling 40 minutes. By viewing the segments, either individually or together, visitors find out who takes care of the zoo animals, explore how water connects everything on earth and at the Zoo, see how the Zoo turns tons of animal poop into “black gold” for the plants and gain a better understanding of how exhibits are taken from the original concept to the finished habitat.



42 *Lioness & Cubs (1997)*

William & David Turner

Bronze

Anonymous sponsorship

The *Lioness and Cubs* sculpture presents a simple lesson about animal behavior, the transfer of skills from mother to young. One cub is learning to hunt from its mother; the two in the background are learning about hunting and team work through play. The lioness is accessible, offering our young visitors a chance for a close encounter and their parents a photo op.

43 *Chimpanzee Troupe* (2002) 🦍

Bart Walter

Bronze

Sponsored by Bob and Bonnie Meeker

These sculptures represent a group of six male and female chimpanzees of various ages and illustrates individual behaviors and group interactions. The animal sculptures are not intended to take the place of the living animals but to provide children access to good representations of animals that show scale, anatomy and natural behaviors.



43

44 *The Lion's Pride* (2002)

George Handy

Glazed Tiles

Made possible through the N.C. Zoological Society

The Lion's Pride mural is a colorful, whimsical glazed tile mural depicting the plants and animals of the African grasslands. Visitors experience a sense of discovery as they identify familiar animals. This artwork memorializes a group of individuals, the Lion's Pride, who, through their generosity, wills and estate gifts plant robust seeds that germinate and grow into tangible support for a broad array of zoo programs.



44

45 *Giraffes* (1998) 🦒

J. Tucker Bailey

Bronze

Sponsored by the J. Richard and Sybel F. Hayworth Foundation

Several small animal art works function to help visitors with sight impairments. By touching these detailed, realistic sculptures a person might be able to "see" an animal's overall form and texture, as well as details such as the shape of the head, the length of the legs and curve of the neck.



45

46 *Renewal* (2001) 🦒

J. Tucker Bailey

Bronze

Sponsored by Klaussner Furniture Industries, Inc. in memory of Michael Carlisle.

This family of giraffes is placed near the Forest Edge overlook so that live giraffes may be seen simultaneously while viewing the sculpture. This piece serves as a memorial to a young boy whose favorite animal was the giraffe.



46



LOCATION

Africa: Watani Grasslands Reserve

47 *White Rhino* (2002) 🏆

Johnpaul Harris

Bronze

Sponsored by Bob and Bonnie Meeker

The zoo's animal sculptures are not intended to take the place of living animals but to provide insight and to illustrate scale, anatomy, gestures, interactions or natural behaviors. *White Rhino* by John Paul Harris is one of the most popular animal sculptures in the Park because of its accessibility to children.



48 *The Critics* (2008) 🏆

Bart Walter

Bronze

Sponsored by Bob and Bonnie Meeker

Predator, prey and scavenger maintain a close relationship on the African grasslands. Cheetahs often use rock outcrops to search vast expanses of land for prey. Scavenging birds like lappet faced vultures are the “cleaning crew,” feeding on kills left behind by predators. On the grasslands, no resource is wasted.



49 *Mbashiri* (2006)

William Rankin

Bronze

Sponsored by Bob and Bonnie Meeker

In this piece the artist depicts a cheetah, nature's fastest land mammal, motionless on a rock overlooking an African savanna. He describes the sculpture as a metaphor for “the condition that we find ourselves in today - as the cheetah is endangered through habitat loss and over specialization - we too are at risk for these and other reasons of our own making. The gold patina refers to images from man's earliest attempts to understand his existence. The rough surface and eroded finish indicate that we may have not yet found the meaning. *Mbashiri*, in Swahili, means prophet or fortune teller.”

50 *Ostrich Egg Interactive* (2007) 🏆

Loui Bradley, NC Zoo Exhibit Designer

Fiberglass resin and rubber mulch

Donation to the NCZS by
Progress Energy

The focus is on discovery in the Watani Grasslands. Along the Rhino trail a large ostrich nest with several (kid-sized) eggs give children a chance to pretend to be ostrich chicks.



51 *Elephant Rubbing Tree* (2007)

Joel Payne, NC Zoo Exhibit Designer

Steel & Concrete

Sponsored by Bob and Bonnie Meeker

Elephants have thick skin but it is actually quite sensitive, requiring constant maintenance. Rubbing and scratching on available rocks, trees and termite mounds helps remove layers of dead skin that could harbor bacteria and lead to infection. Our elephants use this artificial tree as a rubbing post; it takes the pressure off the real trees in the exhibit and gives visitors opportunities to observe natural elephant behaviors.



52 *Watani Cooling Station* (2007) 🏆

Loui Bradley, NC Zoo Exhibit Designer

Steel, Plants, Pump

Sponsored by Bob and Bonnie Meeker

The intention of the artist was to create a simple, organic form reminiscent of a tree. He incorporated a planter so that a vine could soften and fill the vertical arms of the form and integrate the mister into the landscape.



53 *Elephant Tracking Game* (2007) 🏆

Diane Villa and Steve Runnfeldt

Painted Concrete

Sponsored by Bob and Bonnie Meeker

Visitors learn about elephants while having fun with this large-scale “board” game. Players divide into two groups that mimic the social structure of elephants – women with young boys and girls and men with teenage boys. Each group follows a trail to the water hole, collecting rewards and avoiding dangers along the way.





54 *Elephants* (1999)

J. Tucker Bailey 

Bronze

Made possible by a gift to the North Carolina Zoological Society in memory of David Wayne Holt

Several small animal art works function to help visitors with sight impairments. By touching these detailed, realistic sculptures a person might be able to “see” an animal’s overall shape and texture.



55 *Nature’s Recyclers* (2007)

Chris Gabriel

Bronze

Sponsored by Bob and Bonnie Meeker

Dung beetles recycle the waste that larger grassland animals leave behind. Some species roll animal dung into balls that are placed into burrows as food for larvae. This scavenging activity adds nutrients to the soil and helps reduce the presence of other insects.



56 *Ant Bear* (2007)

Chris Gabriel

Bronze

Sponsored by Bob and Bonnie Meeker

Sometimes called the African ant bear, armadillos feed upon ants and termites. A keen sense of smell locates ground-dwelling insects, while powerful claws dig into ant and termite mounds. Long snouts and sticky tongues allow armadillos to collect food from deep in the ground. Abandoned armadillo dens provide shelter for other grassland animals. The artist captured the gesture and the strength of the armadillo in this sculpture.

57 *Ganesia* (2007) 🦏🦏

Donna Dobberfuhl

Bronze

Sponsored by Ross Bulla and Shad
Spencer in honor of Caleb Ross Spencer

The nature of our surroundings can influence our attitudes, temperament and state of mind. The form and placement of a piece of sculpture can elicit a response of pleasure and confidence and bring out, especially within a child, a feeling of empathy and caring – creating those connections to the natural world so important to the development of future environmental stewards. A carefully modeled sculpture like this baby elephant can enable our visitors to investigate the scale, anatomy and the characteristic gestures of animals to which they can't get very close.



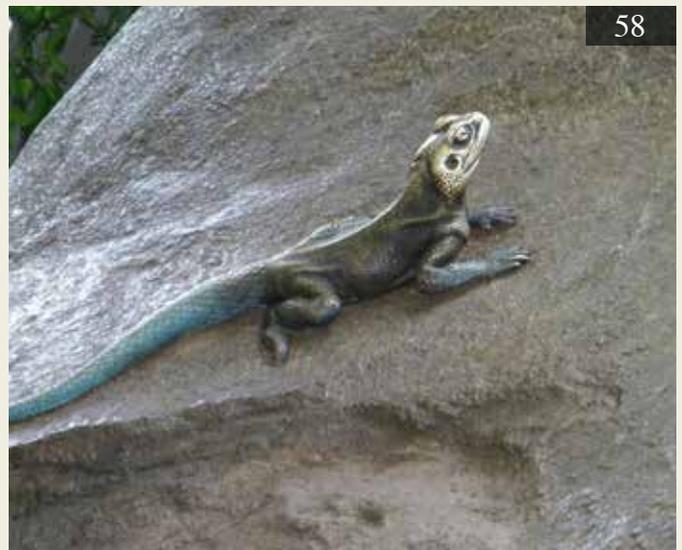
58 *Agama Lizard* (2007) 🦎🦎

Chris Gabriel

Bronze

Sponsored by Bob and Bonnie Meeker

This is a life size sculpture of the red-headed, long-tailed agama lizard, adapted to live on cliffs and kopje's in the grasslands of Africa. The agama lizard feeds on termites, beetles, ants and other insects. Low on the food chain itself, it is eaten by birds such as the bateleur eagle and other small predators like the ball python on the other side of this rock.



59 *Ball Python* (2007) 🐍🐍

Chris Gabriel

Bronze

Sponsored by Bob and Bonnie Meeker

Africa's grasslands are home to many types of animals, including numerous reptile species. The ball python is a ground dwelling, non-venomous snake that curls into a tight "ball" when stressed.



LOCATION:



60

Africa: Entrance & Akiba Market

60 *Africa Bridge Art* (2001)

Jim Hirschfield & Sonya Ishii

Mixed Media

Sponsored by Bob and Bonnie Meeker

Collectively, the art elements on the bridge are indicative of a journey to Africa—where the landscape is uncommonly beautiful and the animals extraordinary. The canoes, water carrier sculptures, water proverbs, water pots and *Ola, the Water Bearer* story symbolize the significance of water to life in Africa. Water, essential for all life, is also a transportation system, power source, used for washing, bathing and recreation.



61

61 *Ola, The Water Bearer* (2001) 📖🎧

Barbara Tazwell, Writer and Artist

Recorded by the Bennett College Reader's Theater

Spoken Fable and Illustrations

Sponsored by Bob and Bonnie Meeker

Ola is a contemporary fable intended to make children think about the importance of water. Ola is an African girl who is the main water carrier for her family. She works very hard every day bringing water from the river to her house. Occasionally she resents that the young boys don't seem to have to work as hard so she comes up with an idea of how to make the water go away - so that she can run and play too. Obviously it backfires and Ola realizes how very important the water is to not only her family and her village, but to all living things.



62

62 *Hippo Pod* (2005) 🦘

Meg White

Indiana Limestone

Sponsored by Bob and Bonnie Meeker

These limestone sculptures feature a family of four life-size hippopotamuses and depict behaviors associated with hippos, such as basking and infant care. Hippos are closely bonded with their young, females don't let them wander far because of the danger of crocodiles. Near the edge of the lake at the Africa picnic area, these sculptures are a draw for kids who are amazed at their size and love to climb and sit on them.

63 *African Gates* (2001) 🏆🏆

Hong Lee

Steel

**Made possible through the State Repair
and Renovation fund**

This set of gates at the entry point to the Zoo's Africa Region represents African forests and grasslands. Animals and plants from both kinds of habitats can be found within the gates.



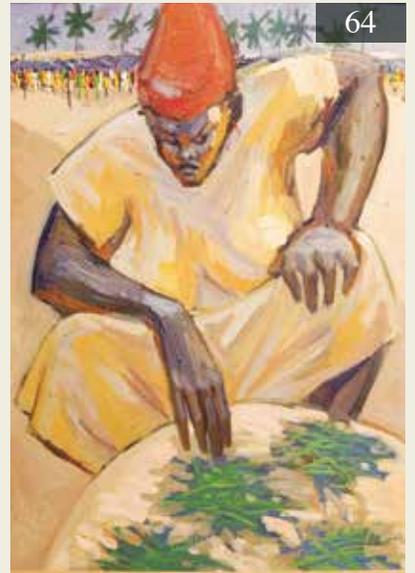
63

64 *French Beans* (2000) 🏆🏆

Benjamin Offei-Nyako

Oil on Canvas

**Made possible through the North
Carolina Zoological Society**



64

65 *African Savana* (2000) 🏆🏆

Chip Holton

Acrylic Mural

**Made possible through the North
Carolina Zoological Society**

The Zoo's Akiba Market incorporates art and invites interactivity. All imagery is tied to the animals, the unique habitats and to the natural resources of Africa.



65



Art in the Park Self Guided Tour

● Art in the Park

Zoo & North America Entrance

- | | |
|----------------------------------|------------------|
| 1. <i>The Elephant Group</i> | Peter Woytuk |
| 2. <i>Ancestral Forest</i> | Jonathan Kingdon |
| 3. <i>Sonoran Desert</i> | Jonathan Kingdon |
| 4. <i>Spalanzani's Generator</i> | Pete Beeman |
| 5. <i>The Green Dragonfly</i> | Mike Durham |
| 6. <i>Sum of the Parts</i> | Dempsey Calhoun |

North America: Marsh

- | | |
|-------------------------------|----------------|
| 7. <i>Zoological Egg Rest</i> | Horace Farlowe |
| 8. <i>Cattail Gate</i> | Jim Gallucci |
| 9. <i>Murmuration</i> | Mike Roig |

North America: Cypress Swamp to Rocky Coast

- | | |
|-----------------------------------|-------------------|
| 10. <i>Lisa's Drafonfly</i> | Mike Durham |
| 11. <i>Preening Heron</i> | William H. Turner |
| 12. <i>Billy Goats Gruff</i> | Bob Coffee |
| 13. <i>Poetry of Conservation</i> | |
| 14. <i>Catamount</i> | Bart Walter |
| 15. <i>Stalking Blue Heron</i> | William H. Turner |
| 16. <i>Bald Eagle with Salmon</i> | David H. Turner |
| 17. <i>Arctic Turns</i> | Rufus Seder |
| 18. <i>Polar Bear</i> | Chris Gabriel |
| 19. <i>Arctic Fox</i> | J. Tucker Bailey |

- | | |
|-------------------------------|-------------------|
| 20. <i>Ready or Not</i> | Patrick Dougherty |
| 21. <i>Hummingbird Garden</i> | Jim Gallucci |

North America: Streamside

- | | |
|-----------------------------------|------------------------------------|
| 22. <i>Follow the Pollen Path</i> | De Potter, NC Zoo Graphic Designer |
| 23. <i>Garden Friends</i> | Loui Bradley & Zoo Design Staff |
| 24. <i>River Frolic</i> | Carl Regutti |
| 24. <i>Streamlines</i> | Stacy Levy |

North America: Black Bear to Honey Bee

- | | |
|-----------------------------------|---|
| 26. <i>Field Sketching Panels</i> | Consie Powell |
| 27. <i>"Why Bear Why?"</i> | Cynthia Mitchell |
| 28. <i>Bear and Shaman</i> | Jonathan Kingdon |
| 29. <i>Black Dog</i> | Donna Dobberfuhl |
| 30. <i>Uwharrie Vision</i> | Herb Parker |
| 31. <i>Prairie Geyser</i> | David Swanson - lanscape architect and Zoo Design staff |

- | | |
|--|---|
| 32. <i>Stone that Stands in an Empty Sky</i> | Roger P. Halligan |
| 33. <i>Sonoran Snake</i> | Warren Mather & Nancy Selvage |
| 33. <i>Piedmont Totem</i> | Montgomery Community College Ceramics Class |

- | | |
|--------------------------------------|---|
| 35. <i>Mining Balls & Stones</i> | |
| 36. <i>Worker Bee</i> | Loui Bradley, NC Zoo Exhibit Designer |
| 37. <i>Bee Skep</i> | Joel Payne/Crista McGee, NC Zoo Exhibit Designers |



Junction Plaza:

- 38. *Junction Springs* Linda Dixon & Drew Krouse
- 39. *Passages to Continents* Arlene Slavin

Africa: Forest Aviary to Forest Edge

- 40. *The Bird Garden* Jim Hirschfield & Sonya Ishii
- 41. *Inside/Out Video*
- 42. *Lioness & Cubs* William & David Turner
- 43. *Chimpanzee Troupe* Bart Walter
- 44. *Lion's Pride* George Handy
- 45. *Giraffes* J. Tucker Bailey
- 46. *Renewal* J. Tucker Bailey

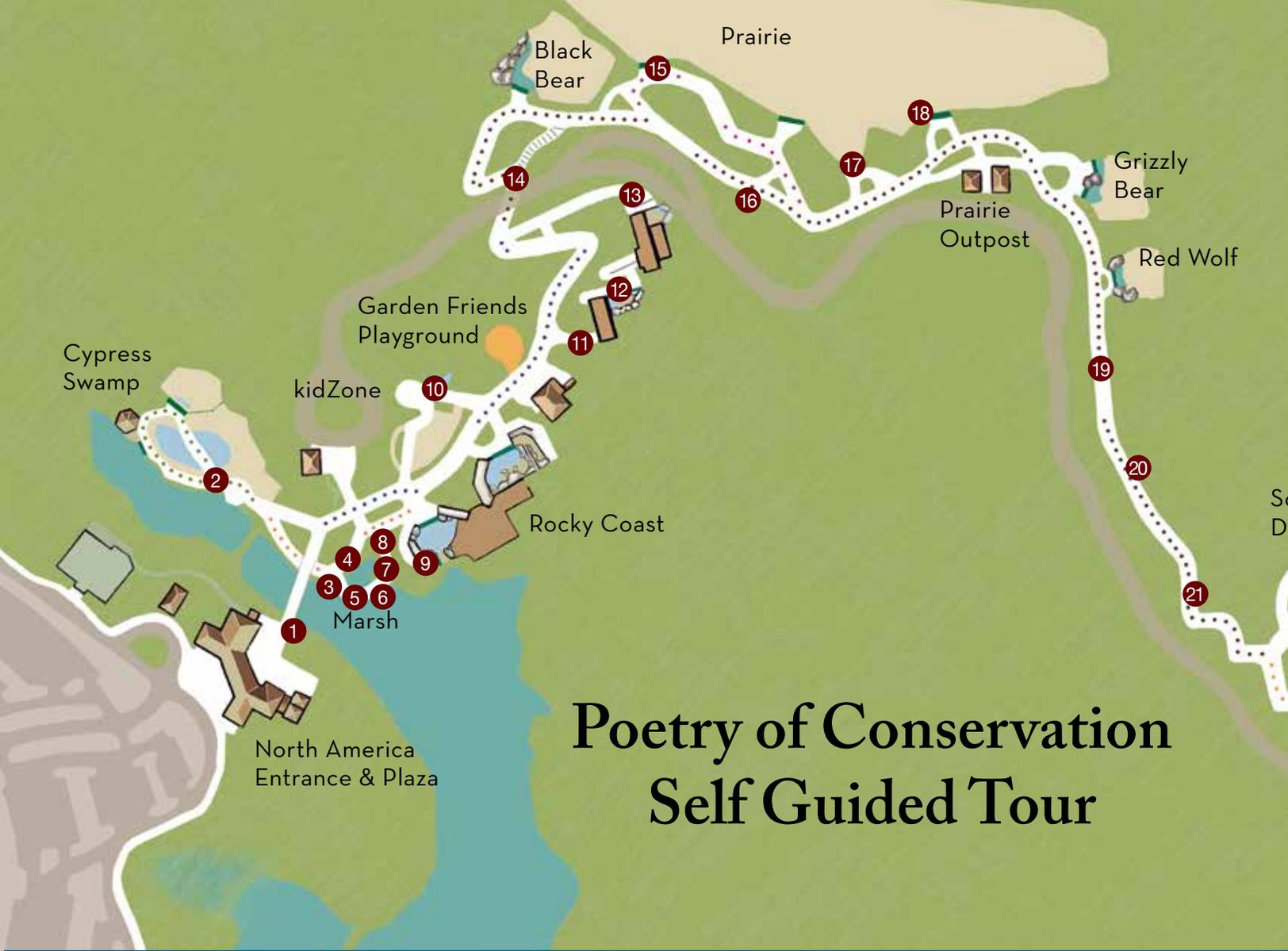
Africa: Watani Grasslands Reserve

- 47. *White Rhinoceros* Johnpaul Harris
- 48. *The Critics* Bart Walter
- 49. *Mbashiri* William Rankin, NC Zoo Exhibit Designer
- 50. *Ostrich Egg Interactive* Loui Bradley, NC Zoo Exhibit Designer
- 51. *Elephant Rubbing Tree* Joel Payne, NC Zoo Exhibit Designer
- 52. *Watani Cooling Station* Loui Bradley, NC Zoo Exhibit Designer
- 53. *Elephant Tracking Game* Diane Villa, Steve Runnfeldt, NC Zoo Designers

- 54. *Elephants* J. Tucker Bailey
- 55. *Nature's Recyclers* Chris Gabriel
- 56. *Ant Bear* Chris Gabriel
- 57. *Ganesia* Donna Dobberfuhl
- 58. *Agama Lizard* Chris Gabriel
- 59. *Ball Python* Chris Gabriel

Africa: Entrance & Akiba Market

- 60. *A Bridge to Africa* Jim Hirschfield and Sonya Ishii
- 61. *Ola, The Water Bearer* Barbara Tazewell
- 62. *Hippo Pod* Meg White
- 63. *African Gates* Hong Lee
- 64. *French Beans* Benjamin Offei-Nyako
- 65. *African Savanna* Chip Holton



Poetry of Conservation Self Guided Tour

North America

1. *Advice for a Long Life*
by Anna Wooten-Hawkins (NA Bridge)
2. *Walking* by Henry David Thoreau (Swamp)
3. *El libro de los preguntas*
by Pablo Neruda (Marsh)
4. *The Peace of Wild Things* by Wendell Berry
(Marsh entrance)
5. *Look Closer* by Pat Riviere-Seel
(poetry podium, Marsh)
6. *Endangered* by Michael Beadle
(poetry podium, Marsh)
7. *More Life* by Bill Griffin (poetry podium, Marsh)
8. *Small Song* by A.R. Ammons (Marsh)
9. *Sandhills Summer*
by Sam Ragan (Rocky Coast near Peregrine)
10. *Earth Day* by Jane Yolen
(KidZone & nczoo.org as animated poem)
11. *Freely Drifting* by Han-Shann
(Streamside entrance)
12. *Come forth* by William Wordsworth
(Streamside near Otter)
13. *"Man did not weave the web of life;
he is merely a strand in it."* Chief Seattle
(Streamside exit)
14. *Summer Solstice* by Pat Riviere-Seel
(Path intersection between Streamside &
Black Bear)
15. *Paleolithic* by Cathy Smith Bowers
(1st Prairie overlook)
16. *Augury* by Ann Deagon
(at Uwharrie Vision)
17. *You ought to look up more often.*
Frank O'Hara (Prairie Geyser)



18. *Bull Elk in Cataloochee* by Michael Beadle (last Prairie overlook)
19. *Evidence* by Mary Oliver (other side of walk between wolf and standing stone)
20. *Mountain Time* by Kathryn Stripling Byer (*Stone that Stands in an Empty Sky*)
21. *Deer* by Bill Griffin (other side of walk between standing stone & Desert)
22. *The Snakes of September* by Stanley Kunitz (Sonora Desert entrance)
23. *Wilderness* by Carl Sandburg (on path near Honey Bee)

Africa

24. *I and Thou* by Martin Buber (Forest Glade)
25. *Song for the Silent* by James Boyd (Lemur)
26. *Beastuary* by Pablo Neruda (Forest Edge)
27. *The Clearest Way* by John Muir (Pavilion)
28. *Crossings* by Ravi Shankar (Far Plains)
29. *Elephants Walking* by Anthony S. Abbott (Watani)
30. *Oh Earth Wait for Me* by Pablo Neruda (Akiba Plaza)
31. *Inversnaid* by Gerard Manley Hopkins (Hippo Beach)