





Introduction of Everland



An average of 11.7°C

-15~-2.5°C in winter

25~35°C in summer

In the Everland Zoo

The first'Lion Safari'completed in 1974

* Yong-In Farmland (Zoo & Lion safari) open

Theme of Zoological Gardens: ZOOTOPIA

* Zoological + Utopia = ZOOTOPIA

(A place where animals and humans live in harmony)



Introduction of Everland









Everland

Being Korea's very first theme park, Everland contributes to the development of the nation's leisure culture with various seasonal celebrations, newest attractions, exiting zoo, welcoming lodging and many other programs and facilities. Our goals is to provide very special experience for each and every visitors.

- Attractions
- Entertainment
- Zoological Garden
- O Home Bridge
- 1 T-Express
- 2 Herbivore Safari
- 3 Summer Splash



Current Information

Animal inventory

Number of species: 195

Number of animals: 2,100 (year 2014)

Area of Zoo

12 hectares

They study the ecology and environment which the animal originate Providing good clean and correct environmental ecosystem for animals

Membership

Accredited by WAZA (institutional membership, 2002)

* World Aquarium & Zoo Association



Mission Statement

Education

■ Emphasis on conservation responsibility

Research

■ To bring public awareness of nature and animals that share our world

Conservation

Working closely with the College of Veterinary Medicine at Seoul National University to understand Korea native animals.

Recreation

Provides guest with inspiration and understanding of nature, while providing overall unique experience.



Concentration on:

Natural Environmental Education

and

Species Survival

- Visitors can learn the importance of nature through various exhibitions and display of animal while having fun through positive edutainment with animals
- A broad range of education on nature for adults and especially children.

 An enhanced appreciation of nature.
- Understanding natural ecosystems in Korea.
- International programs to conserve habitat and protected species in the wild.



Exhibition

- ☐ Various enrichments increase activity and strengthen friendships with keeper
- Environmental change on regular basis creates excitement and prevents stereotyped-behavior.
- Story-telling event provides interesting information about Animals.







Exhibition





















Animal Conservation

- ☐ Korea's endangered animals (7 species 53 individuals)
 - Endangered Species Of Wild Fauna And Flora Ex-Situ Conservation Institutions
 - * Designated by the Ministry of Environment in 2003
- ☐ Successful in breeding globally endangered animals
 - Natural monument (Korea goral, white-naped crane, Sealion, etc)













Encounter Programs

- ☐ Founding of Animal kids Love (2006)
 - Protecting animals and spreading the significance of life
 - Annual membership education program designed for elementary school students with step-by-step curriculum(3 levels)
- ☐ Live Animal School, Lost Valley's Backside Experience Program
 - provides direct close encounter with various animals











Encounter Programs

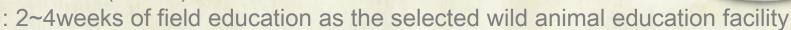


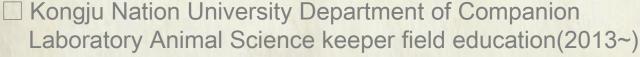




Research

- Nation-wide veterinary college field education (2007~)
 - Total 71 attendants from 10 colleges, Total 14 attendants from foreign veterinary college
 - Seoul National University veterinary college senior field education(2013~)





- Performing basic animal breeding duty research of animal enrichment, nutrition, and reproduction







Research













Conservation

- ◆ Outline of Conservation of Everland Zoo
- . Conservation efforts of Korean native animals

 Everland Zoological Gardens has preserved and kept these pure
 breeds under close watch. : Goral, White-napped crane, Red crane







Conservation

◆ Outline of Conservation of Everland Zoo









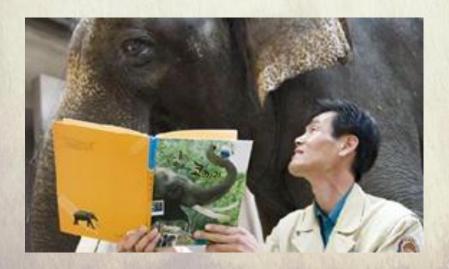


▲ Introducing and educating about new Habitat environment and exotic animals & strengthening animal-human bond

The world 's first talking elephant, Kosik

Fruition of parent-like care and love, Zoo keeper, Kim Jong Gap.
Ability to speak 7 words. ('Good', 'No', 'Lie down', 'Not yet', 'Foot', 'Sit', 'Yes')

* Thesis published on Kosik's vocal research case Famous Scientific journal 'Current Biology' Joint Research (Dr. Dinel, Austria)







- The world's first mammal that can mimic human speech
- He uses his trunk to imitate human speech



humanlike sounds

SEOUL, South Korea, Sep. 8, 2005



(AP) He's no Dumbo the Flying Elephant but with his ability to "speak," perhaps as close to the Disney cartoon character as a real life elephant can get.

The Everland amusement park said Friday its 16-year-old male Asian elephant, named Kosik, can make sounds imitating up to eight Korean words, including "sit," "no," "yes," and "lie down."

The pachyderm produces humanlike sounds by putting his trunk in his mouth and shaking it while exhaling _ similar to how people whistle with their fingers. But the park said it's unclear if Kosik knows the meaning of the sounds he makes.

Kim Jong-gap, who has been Kosik's keeper for 10 years, said he first heard the elephant speak two years ago.

Flore's cool animated cartoons.

VIDEO

Andy Rooney Harry Smith Reporting

Listening Post

IN THE SPOTLIGHT

IN THE SPOTLIGHT

Blogophile

Garver: Modern Times

Wolfson: Dispatches

Audible.com Downloads CBS News Polls

> Sudoku Try your hand at the

Mark Flore's

wit and wired

wizardry of Mark

Animated Toons

heck out the weird

D O addictive puzzle.



Caught On Tape Read/Watch: Two hundred international artists compete in. viexico's graffiti contest.

"It was hard to believe myself at first," Kim said in a statement. "As I watched Kosik say something after that, I realized he was mimicking my words."

There have been studies that suggest elephants can mimic sounds, but the park claims that Kosik displays the ability to imitate a human voice.





Please alle the article in press as: Stooger et al., An Asian Elephant imitation Human Specific Current Biology (2012), http://dx.doi.org/ 10.1016/j.cub.2012.06.032

Control Minings 22, 1 -6, Newsonian 25, 2012 (2012 Stanning List Afficiation Colleges) (Control Minings 22, 1 -6, Newsonian 25, 2012 (2012 Stanning List Afficiate Colleges)

Report

An Asian Elephant Imitates Human Speech

Angels 5, Stooger, 1A.* Daniel Mietchen, 1A Sukhun Oh. A Shennin de Situs, 44 Christian T. Herbst, 1 Soonwhan Kwon, 4 and W. Tacumseh Fitch. 1

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Chede-go, Yongin-si, Geonggi-do 449-715, South Konea
'Department of Fish, Wildlife, and Conservation Biology,
Colorado State University, 1474 Gempus Delvery,
Evo Collins, CO, 800520, 1854.

*Elephant Forest and Environment Conservation Trust. 215 A 3/7 Park Road, Colombo 5, Sri Lanks

Summan

Vocal imitation has convergently evolved in many species, allowing bourring and cultural transmission of complex, conspecies, sounds, as in fusionary [1, 2]. Scattered instances also exist of vocal imitation across appelex, including mockingbirds imitating other species or parrots and myraths producing human speech [3, 4]. Hen, we decire

study documented that an adult male belage (Delphinaptenus leaces) initiated his name "Lagoni" [11]. Associated reports further suggest that a male Astern experted (Dephina maximus) in a zoo in Kazakhiston might have been capable of producing appeciation of brancos in fluesters and Kazakh [15], but docunestation is budging.

harman speech infiliation in animals requires a compiler match between social perceptions and production to perceive, match between social perceptions and production to perceive, decode, and reproduce the speech signal. Despite considerate entry of the speech signal. Despite considerate entry of the speech signal provides the speech signal provides the speech signal provides an expect signal provides an expect signal production from poor control match speech appearantly attems from poor control-match control or be larger, and the vocal tasted 14-16. Despite leading portain encycleograph situations that humans use to activation appearance on the speech sounds (e.g., having a best instead of Bign), some animate can overcome encyclological constaints that might seem to precision production of humans accounts, use long as neuronal districtly operationed for proceiving and represelvating an accounts signal is evalable.

Here, we analyze human speech imitation by a male Asian elephant named Koshik from the Everland Zoo in South Korea, augmenting and extending prior evidence of vocal imitation to elephants ITT.



Current Biology>
Asian elephant mimics
human speech

BRIEF REPORT

Changes in Fecal Estrogen Levels and Sexual Behavior in Captive Sichuan Snub-Nosed Monkeys (*Rhinopithecus* roxellana) Following a Male Replacement

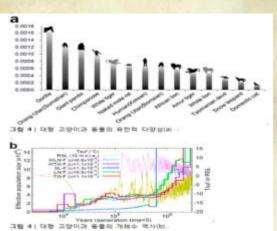
Yena Kim, ^{1,3} Eunha Ko. ¹ Susan Lappan, ^{1,3} Alan Kezele, ⁶ Soo Whan Keon, ⁸ and Jae Chun Choe¹⁴

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- *Department of Brain and Bahavioral Sciences, Primate Research Institute, Ryoto University, Inyourna Alchi, Japan
- University, repairs Acts, Japan.
 *Anthropology Department, Appelachies State University, Boone, North Carolina
 *San Diego State University: San Diego, California
 *Evenland Zeological Garden, Yongin-Si, Konea

Althopolyherur recoffini are generally manuscul breeden, although copulation can core throughout the year. Period is radies capaged that estandiol modulates bleade are all behavior during the mating season. Browster, the effects of social content on mirrigan levels and behavior here not been thing specios. We studied the eshionship between sexual behaviors and freal entergans is a group of captive R recoffini acting a period of social instablist. We orditent of behaviored date for sin mentinand collected fread samples at 2–5-day intervals for Four mentin equating the maging and anomating associes, and analyzed flood stronge levels in ERA. Females showed dear cyclic solicitation and copulation pushs in the mating season, which corresponded with sharp pools in foul ottergram. During the constituting possers, unfaithent mates, copulation state, and focal estingens mere generally law Homor, our manupoquant female displayed in harp pools in solicitation, copulation,



<Zoo Biology> Golden monkey breeding





<Nature communications>
Genome analysis of Amur tigers



- ▲ Outstanding reproductive result in Large herbivores
 - → Animal conservation & Respect of life

Mother Giraffe 'Jang-soon' Set a World Record at Ever land Zoo

- * Korea's delivery of giraffe twins ('97.8.31): very rare probability 0.004%
- * World record for fecundity ('13.8): World record(Birth of her 18th calf)
- * Accumulation of long-time breeding know-how: individual animal maintenance







