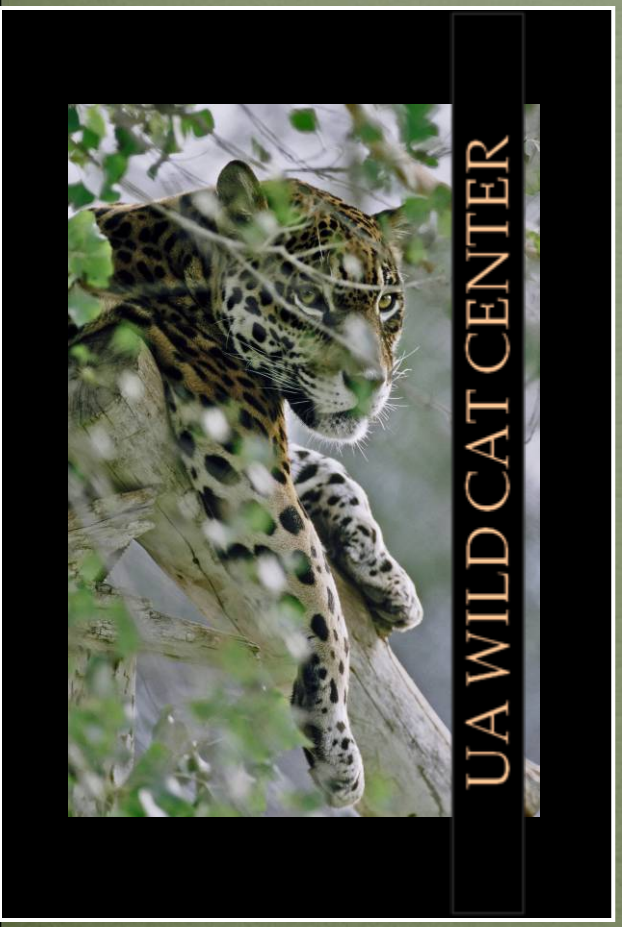


UNIVERSITY OF ARIZONA

WILD CAT RESEARCH & CONSERVATION

CENTER

Lisa Haynes, Coordinator, UA WCC

Mountain Lions & People

Bobcat-99%

Mountain Lion-1%

N.D.D.

tucson craigslist > community > pets email this posting to a friend

Found two cats Manx (orange grove/shannon)

please flag with care: [?]

miscategorized

prohibited

spam/overpost

best of craigslist

Date: 2011-06-01, 1:48AM MST

Reply to: comm-gkaff-2414159357@craigslist.org [Errors when replying to ads?]

These two cats wandered up to my house and started terrorizing my dog.
They stole his food and chased him away from his water.
If these are you cats please contact me. They are not the nicest cats around and don't like dogs.

- Location: orange grove/shannon
- it's NOT ok to contact this poster with services or other commercial interests

PostingID: 2414159357

Copyright © 2011 craigslist, inc. terms of use privacy policy feedback forum

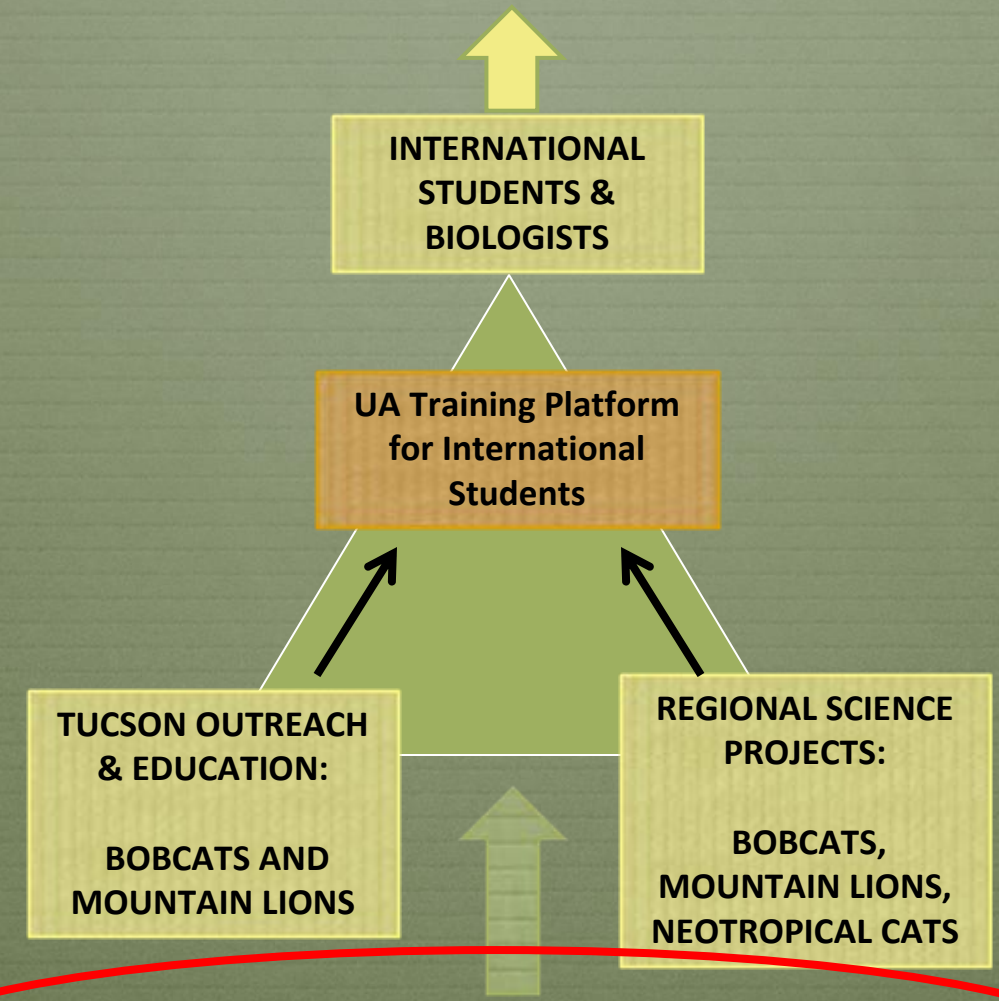
CONSERVATION OF THE WORLD'S WILD CATS!

SOCIETY

- Citizen Science
- Local Media
- Social Science
- Conflict Solutions
- Website
- Volunteers
- K-12 Education
- Social Media

SCIENCE

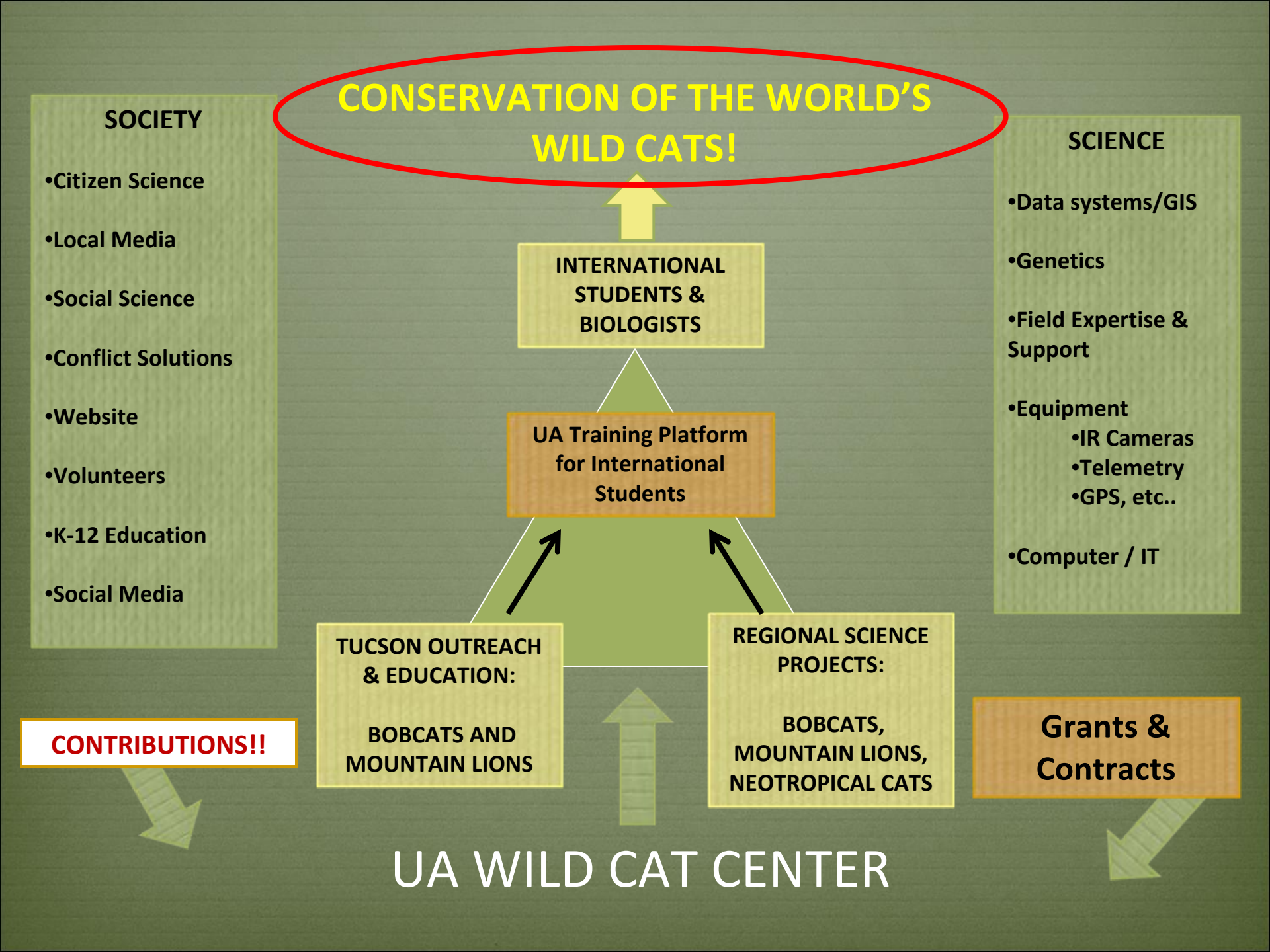
- Data systems/GIS
- Genetics
- Field Expertise & Support
- Equipment
  - IR Cameras
  - Telemetry
  - GPS, etc..
- Computer / IT



CONTRIBUTIONS!!

Grants & Contracts

UA WILD CAT CENTER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BOBCATS AND MOUNTAIN LIONS
REGIONAL SCIENCE PROJECTS:
BOBCATS, MOUNTAIN LIONS, NEOTROPICAL CATS
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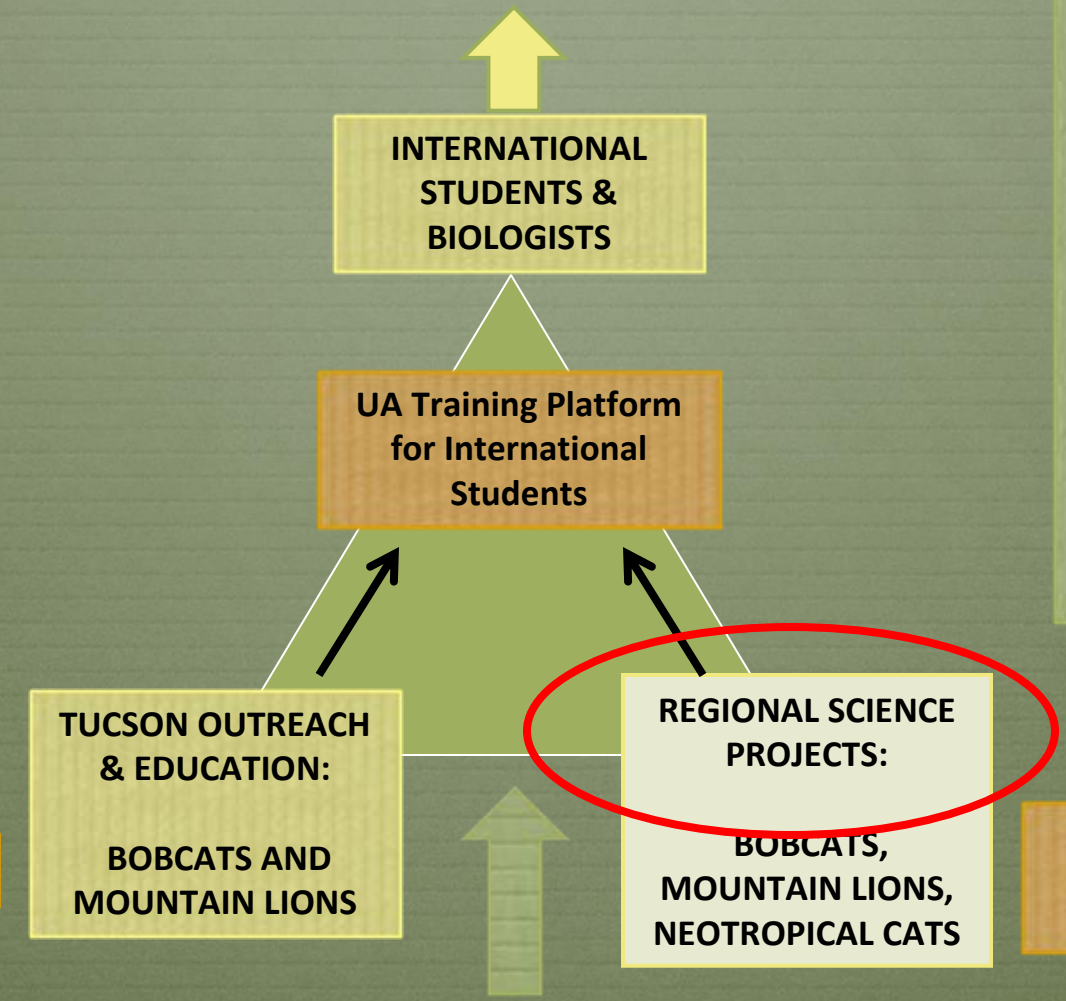

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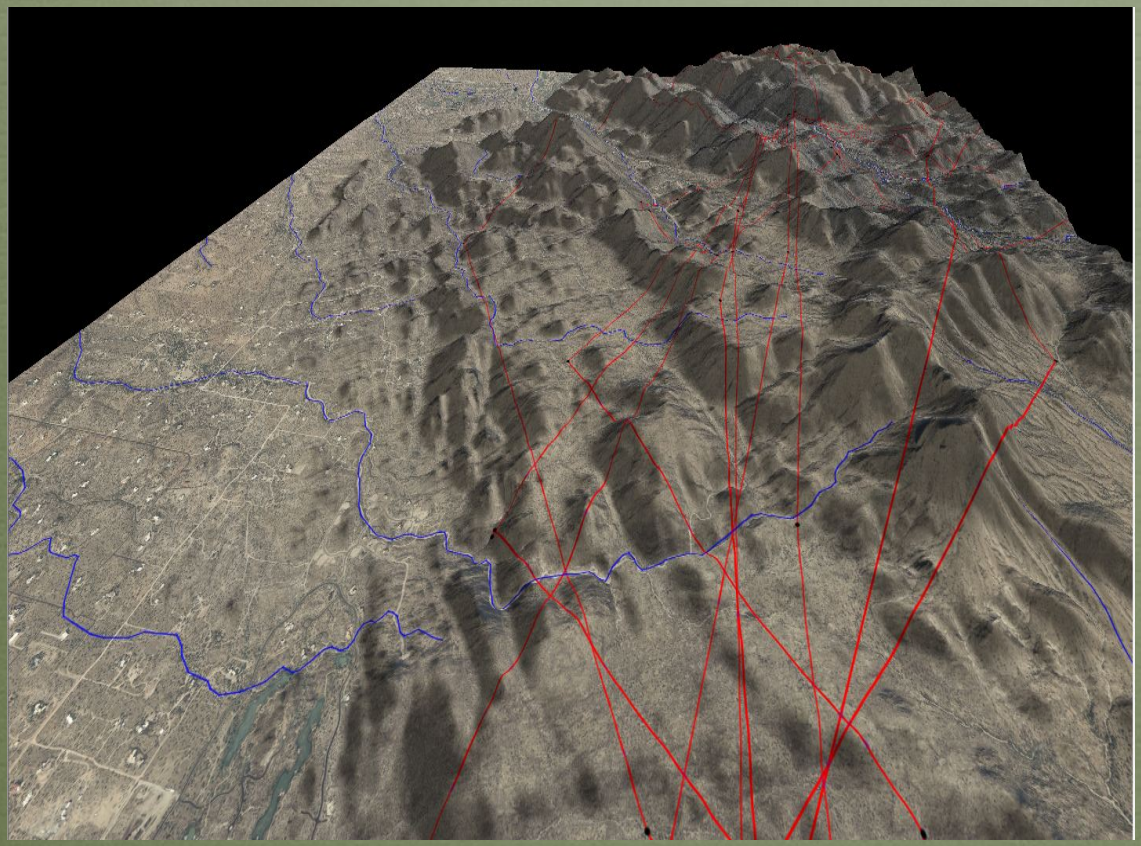

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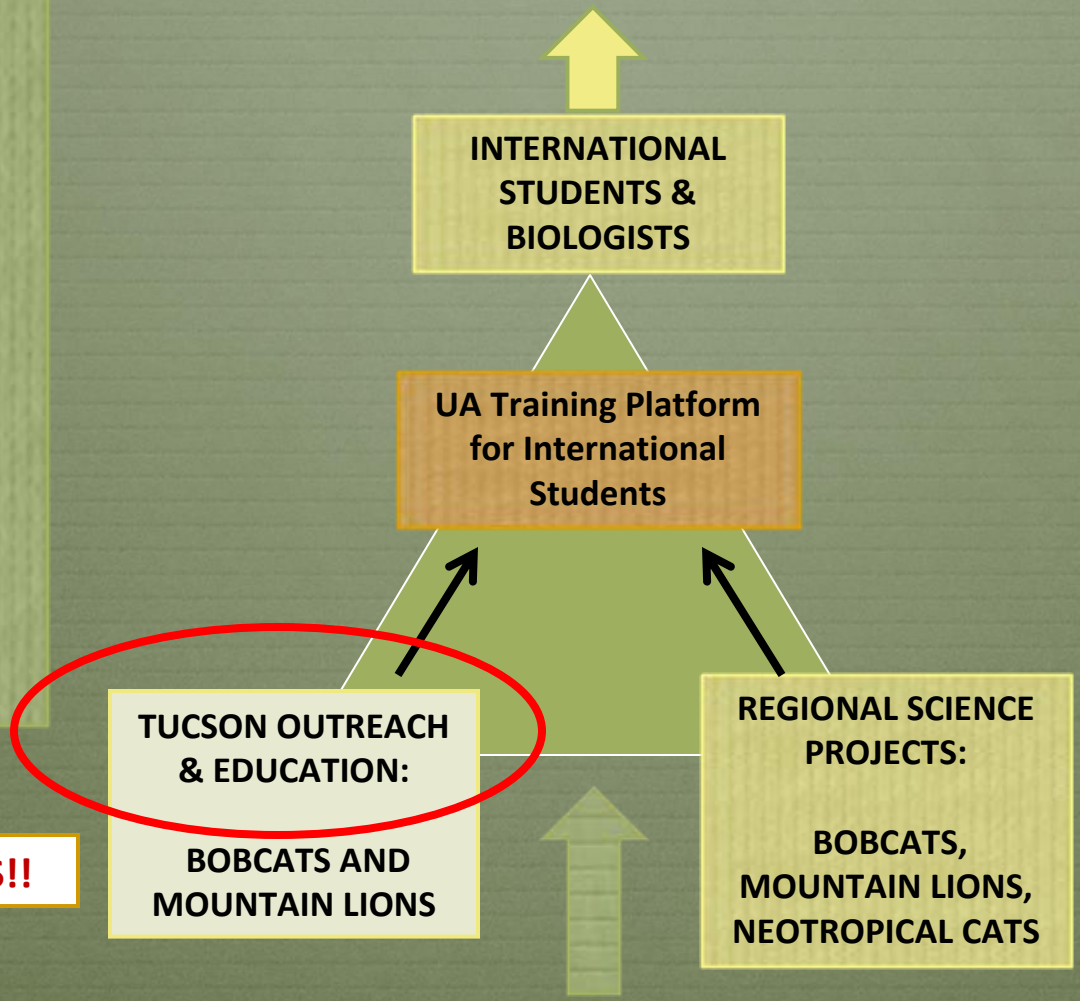

CONTRIBUTIONS!!

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UA WILD CAT CENTER

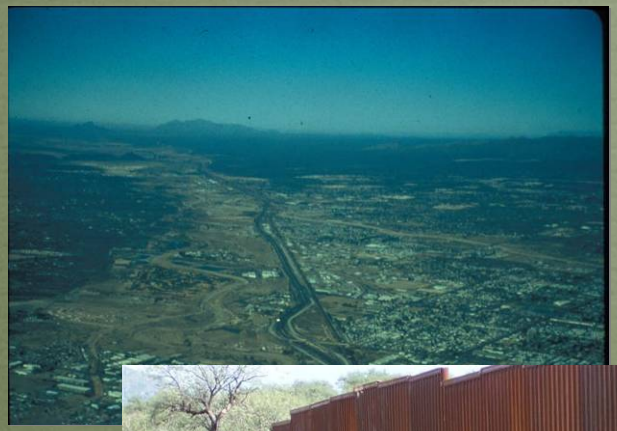
Wild Cats of Arizona

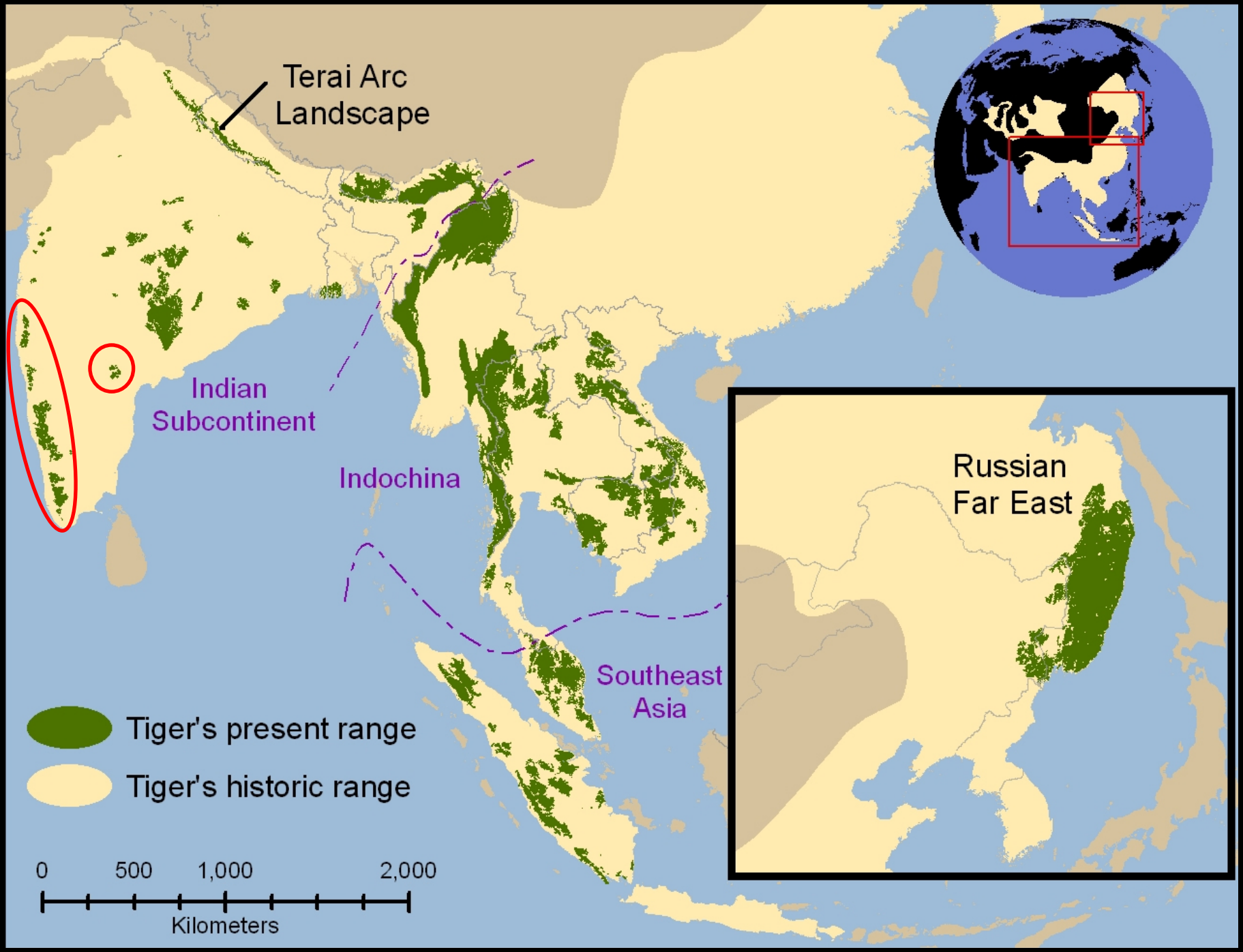
- Bobcat
- Mountain Lion
- Ocelot
- Jaguar
- **No** Lynx
- **No** Jaguarundi

Mountain Lion Prey

Urban-Related Threats to Wild Cats: HABITAT LOSS

Urban Related Threats to Wild Cats: CONNECTIVITY LOSS




Terai Arc Landscape
Indian Subcontinent
Indochina
Southeast Asia
Russian Far East
Tiger's present range
Tiger's historic range
0
500
1,000
2,000
Kilometers

Top level carnivores – maintain health of the ecosystem

FLAGSHIP species **India's National Animal**

Declining numbers (Estimated)

WORLD: 100,000 wild tigers (early 1900s)

INDIA: 3500-4000 tigers in the wild (2001)

1411 wild tigers (2007)

Bengal tiger: less than 2,000
Indochinese tiger: 750-1,300
South Chinese tiger: less than 20
Siberian tiger: around 450
Sumatran tiger: 400-500
Malayan tiger: less than 500
Caspian tiger: extinct
Javan tiger: extinct
Bali tiger: extinct

A satellite image of the habitat at the Kawal Wildlife Sanctuary

Urban Related Threats to Wild Cats: DIRECT MORTALITY

Road Kill

Rat Poison

Electrocution
(unleashed dogs)

Mountain Lions & People

- Attacks very rare!
- Arizona Game & Fish Department Info:

  www.azgfd.gov

- What to do if you see a lion:
  - Don't Run!!
  - Keep Children Close
  - Stand Tall
  - Throw Objects

Problematic Mountain Lions - No Easy Solutions

- Translocation
  - Homing instinct
  - High mortality rate
  - Still a threat
- Hazing/Aversive Conditioning
  - Has not worked in ad-hoc tests
  - **Needs controlled research!**
- Zoos/Rehab Centers-full
- Lethal control may be only option in rare cases
- Anti-lion opinion backlash after human attack

PLEASE DON'T FEED WILDLIFE!

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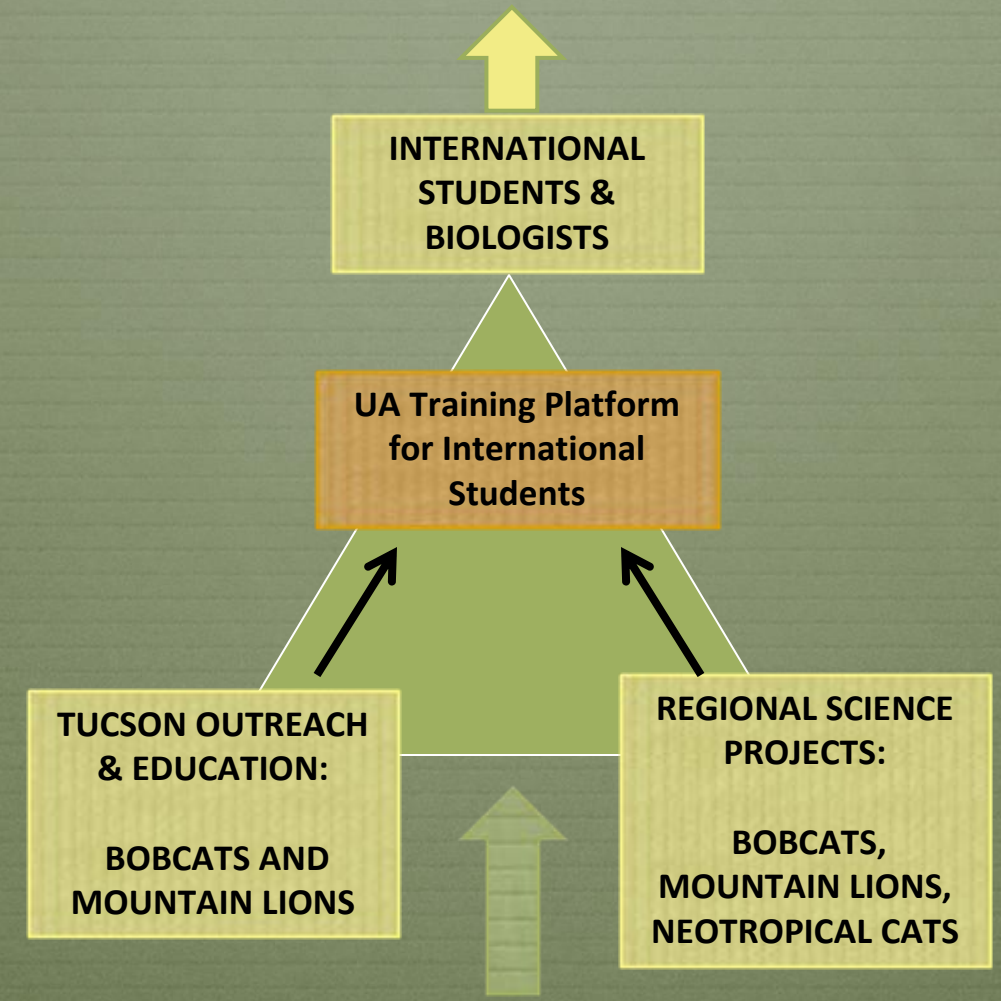

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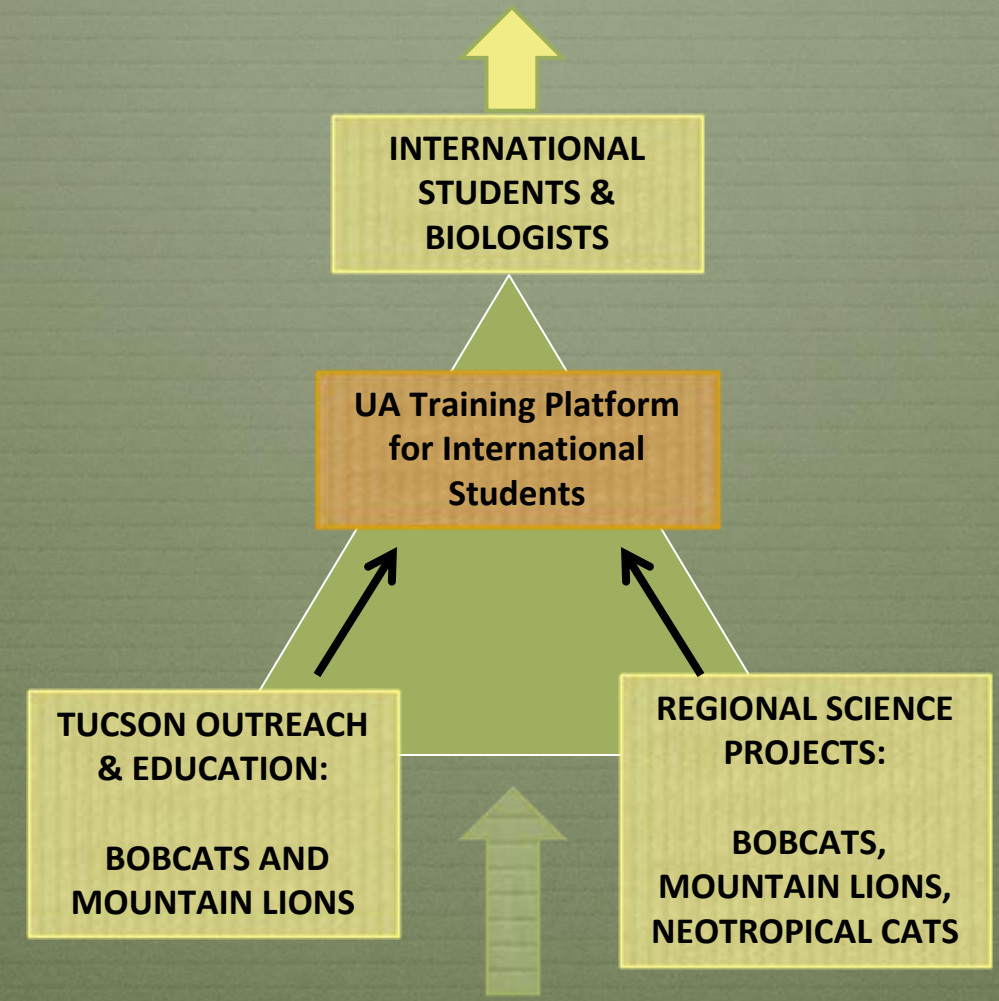

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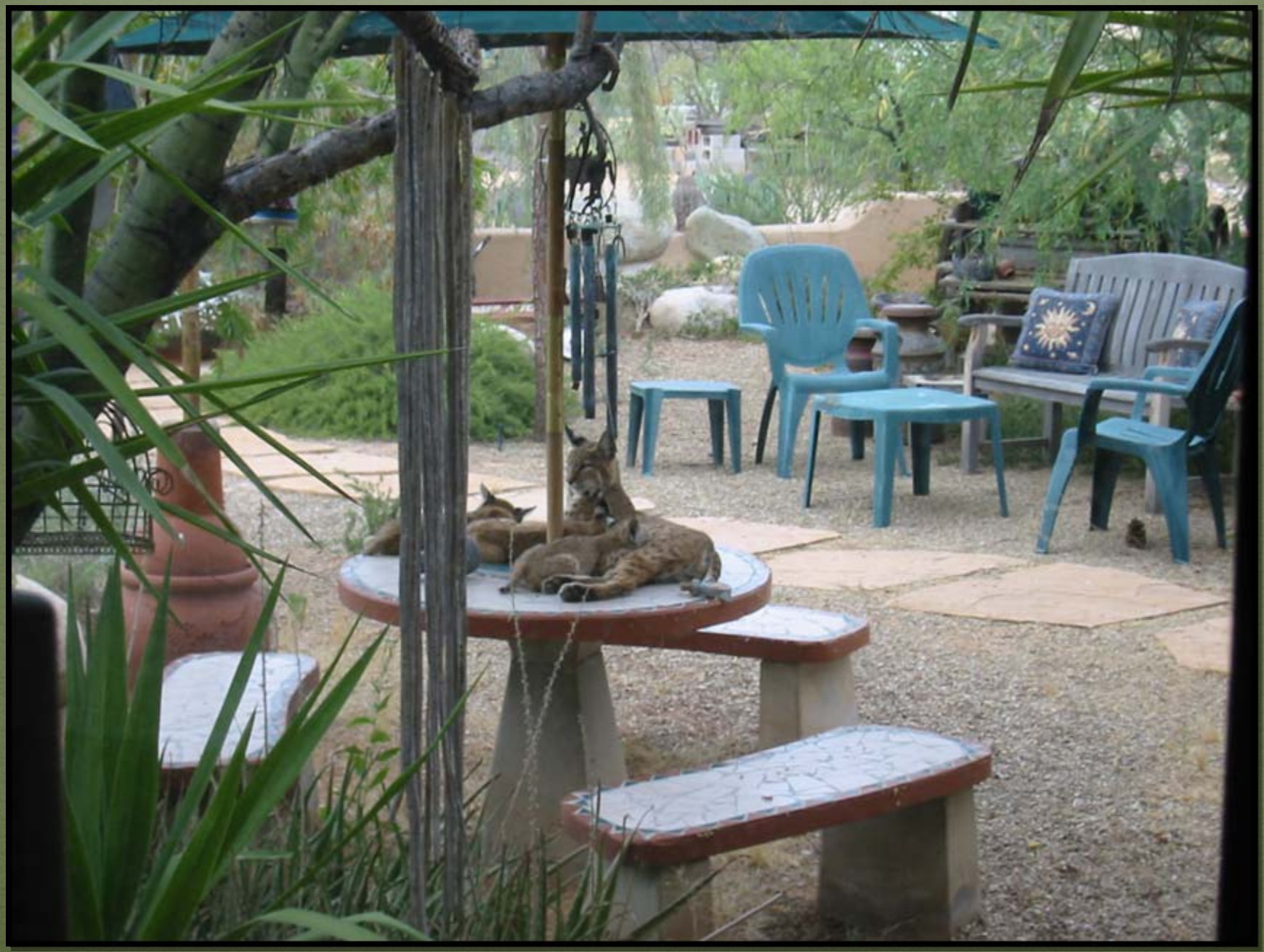

BACKYARD BOBCAT PHOTO PROJECT

Citizen Science & Outreach

AGFD Heritage Fund

UA Wildcat Research – Photo S... | Stay Connected @ Hampton Inn...

Do you want Firefox to remember the password for "lynx@email.arizona.edu" on arizona.edu? Remember | Never for This Site | Not Now

THE UNIVERSITY OF ARIZONA

Home | About Us | Wild Cat Research | Public Involvement | Wild Cat Resources | Bobcat Photos

Tucson, Arizona
Urban Bobcat Study

Do you have pictures of bobcats?
We can use them!

Submit your photographs here!

SUBMIT PHOTOS

Learn more about this project.

Welcome Lisa

Location of Sighting:

Use an Address

Site Nickname:
Street Address:
City:
State: A
Zip Code:
Save for next time?

Use a GPS Location

Site Nickname:
Latitude: (N)
Longitude: (W)
Show On Map
Save for next time?

Choose a spot on the map (zoom, pan, and drag icon to your location):

Done

UA Wildcat Research – Photo S... | Stay Connected @ Hampton Inn...

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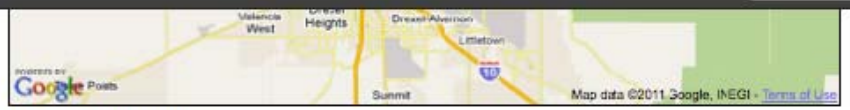

Location Information

Are you aware of any of the following near where you photographed your bobcat?

- ☐ Water (fountain, pool, etc.)?
- ☐ Buildings, walls, or things that provide shade?
- ☐ Washes

Date of sighting:

Upload A Photo

Photo Name | Upload a File

Browse...

Caption:

Number of Kittens: | Number of Adults:

Submit photo and add another photo for the same sighting | Submit photo and add another photo for a new sighting | Submit last photo and go back to home page

Done

Heritage Fund

Bobcats are medium sized cats. Tan to gray in color, some have dark spots, where others have a more uniform coat. Female adult bobcats in the Tucson area weigh 17-19 pounds, and males can weigh up to 25 pounds. Adults stand about 16-18 inches high at the shoulders. The "bob-tail" for which they are named is actually a fully functional tail measuring approximately 6-9 inches in length, but can appear longer in the summer when the cats have a shorter coat. You can see distinctive white "eye-spots" on the backs of the ears of both adults and kittens.

If you see a wild cat in your backyard or on a hike, it is likely a bobcat!

BOBCATS IN YOUR BACKYARD

Bobcats are found from Canada to Mexico, and are common throughout Arizona. As urban areas expand, people living at the city's edge may find they have bobcats for neighbors.

Bobcats prefer the foothills environment of brushy, rocky areas that provide them with safe cover and habitat for prey. Favorite prey animals include packrats, rabbits, other small rodents, dove and quail. Bobcats use dry washes and drainages as travel-ways through the desert. They are most active at dusk and dawn.

From late winter to late summer, mother bobcats will "den-up" to give birth to between 1-4 kittens. A mother bobcat will move her kittens by the time they are 2-3 months old, but may occasionally re-visit the denning area (since it remains part of her home range).

From a bobcat's perspective, block walls; dense, drip-watered ground cover; and a wash near-by for hunting packrats and rabbits provides everything they need: shelter, water, and food. City living comes easy for these remarkable animals.

BEING A GOOD NEIGHBOR WITH BOBCATS. . .

It is important to enjoy your bobcats when they visit, but equally important to remember they are wild.
It is against Arizona law to feed native wildlife, or to keep native wildlife as pets.
Do not approach a bobcat, but watch from a safe distance.

Protect your pets:

- supervise all small pets outside
- let pets off-leash in enclosed, covered areas
- keep chickens, rabbits, and other small pets indoors or in a secure, covered outdoor enclosure
- feed pets indoors or remove uneaten pet food immediately to avoid attracting unwanted predators

If you would like to discourage bobcats from entering your yard,

- remove bird feeders and bird baths that attract prey animals
- trim vegetation around the house to eliminate hiding or resting places

...AND BOBCATS WILL BE GOOD TO YOU!

You have a unique opportunity to observe a wild and fascinating creature, hunting packrats, lazing in the shade, or raising young.

Arizona Game and Fish Department: Living with Bobcats

The University of Arizona | College of Agriculture & Life Sciences | School of Natural Resources
Wild Cat Research and Conservation

Biological Sciences East 325 | Tucson, AZ 85721 | wild.cat.research@cals.arizona.edu

MOUNTAIN LIONS IN THE TUCSON MOUNTAINS

Mountain Lions and Bobcats in the Tucson Mountains: Monitoring Population Status and Connectivity (2008-2010)

Lisa Haynes, Jessica Lamberton, Cheryl Craddock, **Steve Prendergast, Cynthia Prendergast, Matt Colvin, Bernice Isaacs, Eugene Isaacs, Richard Maxwell, Steve Bless, Doug Siegel**, Tony Dee, Melanie Culver, John Koprowski

Citizen Science & Outreach

SOCIETY

- **Citizen Science**
- **Local Media**
- **Social Science**
- **Conflict Solutions**
- **Website**
- **Volunteers**
- **K-12 Education**
- **Social Media**

Measuring body length.

Project C.A.T. = Cats (and Carnivores) And Teaching

Aletris Neils – Namibian Caracal Project

BioMe Fellowship Tucson Schools

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Ashwin Naidu -- Hyderabad Tiger Conservation Scociety, India

Conflict Solutions
Cat Behavior Modification Tech's

- *Camera and image-recognition software that could recognize a lion and either deters it from…., using flashing lights, noise makers, etc.,*

Conflict Solutions
Cat Behavior Modification Tech's

- *"Invisible geo-fence" technology, currently used for domestic dogs and cats, could be used to deter lions: a) from predation hotspots, or b) from an identifiable boundary such as a highway after translocation.*

Conflict Solutions
Cat Behavior Modification Tech's

- *Shock-collar capability, or some other aversive stimulus on radioed lions that engages when in proximity to…*

- *Harassment, rubber bullets, etc …. CO Study…*

- *Reassess translocation of mountain lions with new GPS collar technology.*

Conflict Solutions

- Contract Trained Incident Team
- Business or non-profit
- WAFWA

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Social Sciences

- Anthropology, sociology, psychology
- Change in attitudes after involvement?
- Citizen's Advisory committee
- Environmental Conflict Resolution Specialist
- Universities

UNIVERSITY OF ARIZONA WILD CAT CENTER

WE INSPIRE PEOPLE,

THROUGH THE ARTS & SCIENCES

TO GENENERATE HOPE

AND CREATE SOLUTIONS

FOR WILD CATS, NATURE, AND ALL HUMANITY

GO CATS!!!

THANK YOU

UA WILD CAT RESEARCH & CONSERVATION CENTER

Lisa Haynes
lynx@email.arizona.edu

www.uawildcatresearch.org

WILDCATS FOREVER!!

Jim Sanderson

Jim Sanderson

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