

## Tim Snow

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**From:** James Driscoll  
**Sent:** Wednesday, November 30, 2016 12:24 PM  
**To:** Tim Snow  
**Subject:** FW: Mexican jaguar sighting

Please handle per protocol.

Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager

*I apologize for the typos. I am a dyslexic typist*

Office: 623-236-7581  
Cell: 602-541-8812

 Please consider the environment before printing this e-mail, and do so only if absolutely necessary

**From:** Send Comments  
**Sent:** Wednesday, November 30, 2016 12:24 PM  
**To:** James Driscoll <[JDriscoll@azgfd.gov](mailto:JDriscoll@azgfd.gov)>  
**Subject:** FW: Mexican jaguar sighting

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This message came from the Department's "Send Comments" section of the website

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Fellow colleague,

**Please respond to the following message by completing the following tasks.**

1. Address the email to the customer directly
2. Type your response to this customer
3. Erase this portion of the message (this reduces confusion on the part of our customer)
4. Feel free to CC 'sendcomments@azgfd.gov'

Thank you

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This message came from the Department's "Send Comments" section of the website

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**From:** [REDACTED]  
**Sent:** Tuesday, November 22, 2016 10:37 PM  
**To:** Send Comments  
**Subject:** Mexican jaguar sighting

Name: [REDACTED]

City: Tucson

State: AZ

Zip: 85718

Area: Tucson

Email: [REDACTED]

Subject: Mexican jaguar sighting

Comment: We live near skyline and Campbell - SW of corner and a neighbor sighted a Mexican jaguar in our wash. It is the wash that crosses Avenida de Posada south of skyline. This was November 8. We thought you would like to know!!

Type: Other

Regarding: Other

Phone: [REDACTED]

**Brittany Oleson**

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**From:** Brittany Oleson  
**Sent:** Thursday, December 01, 2016 1:04 PM  
**To:** Tim Snow  
**Cc:** Brad Fulk  
**Subject:** FW: Jaguar Pictures  
**Attachments:** 441.jpg; 453.jpg; 2131.jpg

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Tim,  
Wanted to make sure you were in the loop on this since you maintain the database. Is it possible for you to match them up to our MIA "El Jefe?"

Brit

---

**From:** [REDACTED]  
**Sent:** Thursday, December 01, 2016 12:44 PM  
**To:** Brad Fulk; Brittany Oleson  
**Subject:** Jaguar Pictures

Attached are some photos of a Jaguar that we captured on a trail camera. These are all within the last 12 hours in the Huachuca's [REDACTED]. The photos are not releasable to the public, however we have no issue if they go to those that are involved in your Jaguar program. If locations are requested, let me know.

The photos (locations) have been sanitized for operational security of the camera location.

Thanks.

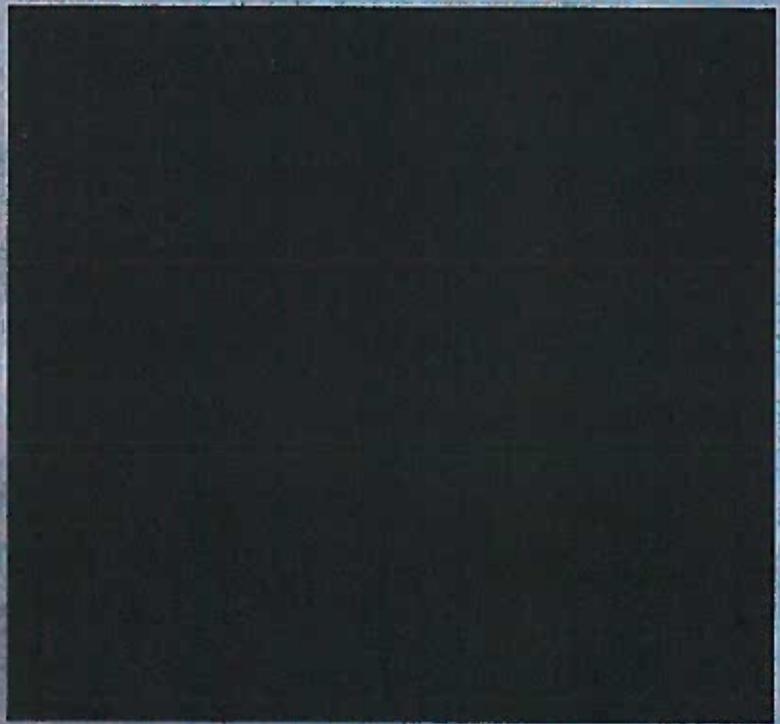
[REDACTED]

[REDACTED]

1/29/2016

21:31:38

210



BUCKEYE  
CAM

2/1/2016

4:53:03

319





## James Driscoll

---

**From:** James Driscoll  
**Sent:** Thursday, December 01, 2016 1:49 PM  
**To:** Jim deVos; Mark A. Hart; Brittany Oleson; Raul Vega; Tim Snow  
**Subject:** New Jaguar Photos

Let's please handle this sighting and any coordination over the phones. We can be assured of a public records request.

Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581  
Cell: 602-541-8812

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**Tim Snow**

---

**From:** Tim Snow  
**Sent:** Monday, December 05, 2016 11:55 AM  
**To:** [REDACTED]  
**Subject:** RE: ocelot

Sorry [REDACTED] I was out deer hunting all last week. This is definitely a jaguar. We have 5 photos from you (file names: 441.jpeg, 453.jpeg, 2131.jpeg, p\_000710.jpeg, and p\_004985.jpeg). I believe this is a new individual, but I am trying to compare with previous photos. If you have any additional photos from those cameras that I can compare, please forward those to me. I will let you know what I can figure out.

Thanks a bunch,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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**From:** [REDACTED]  
**Sent:** Thursday, December 01, 2016 2:29 PM  
**To:** Tim Snow  
**Subject:** RE: ocelot

Here is one more.

**From:** [REDACTED]  
**Sent:** Thursday, December 01, 2016 11:35 AM  
**To:** 'Tim Snow'  
**Subject:** RE: ocelot

Sir,

I attached another picture that was taken this morning. Not sure if it is Ocelot #4 or something else. The location is roughly 1.5 miles north of the previous confirmed photos. Thank you for your assessment and please let me know if I can help.

Thank you,

Justin

**From:** Tim Snow [mailto:TSnow@azgfd.gov]  
**Sent:** Friday, November 04, 2016 10:43 AM  
**To:** [REDACTED]  
**Subject:** ocelot

[REDACTED] look forward to seeing the pictures. As I mentioned on the phone, there has currently been 1 individual that we are following (Ocelot #4). He has a boot-shaped rosette on his right side and a large chain of rosettes with a heart-shaped rosette on his left side. After I receive your pictures, I should be able to determine if this the same individual. Also, Ocelot 4 was first photographed in 2012 and the most recent photo was October 10, 2016.

Thanks a bunch,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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## **Marianne Cox**

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**From:** Marianne Cox  
**Sent:** Monday, December 05, 2016 2:07 PM  
**To:** Jim deVos  
**Subject:** RE: All well?

Lol...but not really! Glad you are having a good time. Nothing is popping that I am aware of. Dan Sturla accepted the counter offer which is great. Apparently FOR 5 picked up a photo of a jaguar, so they are working to try to ID if it's a new cat. Chris indicated that the FWS has agreed to send AGFD fish to conduct BKD testing for Apache and Gila trout. I have not seen budget info from Kevin H. yet. Otherwise, pretty quiet.

Marianne Cox  
623-236-7672

---

**From:** Jim deVos  
**Sent:** Monday, December 05, 2016 1:24 PM  
**To:** Marianne Cox  
**Subject:** All well?

Anything of importance occurring . my return might be delayed until late forever. nice here.

Sent from my Verizon, Samsung Galaxy smartphone

## Tim Snow

---

**From:** Tim Snow  
**Sent:** Monday, December 05, 2016 5:16 PM  
**To:** Brittany Oleson  
**Subject:** pictures  
**Attachments:** 2016 12 01 19 12 56.JPG

Can you compare some of your files for this guy?

Thanks,

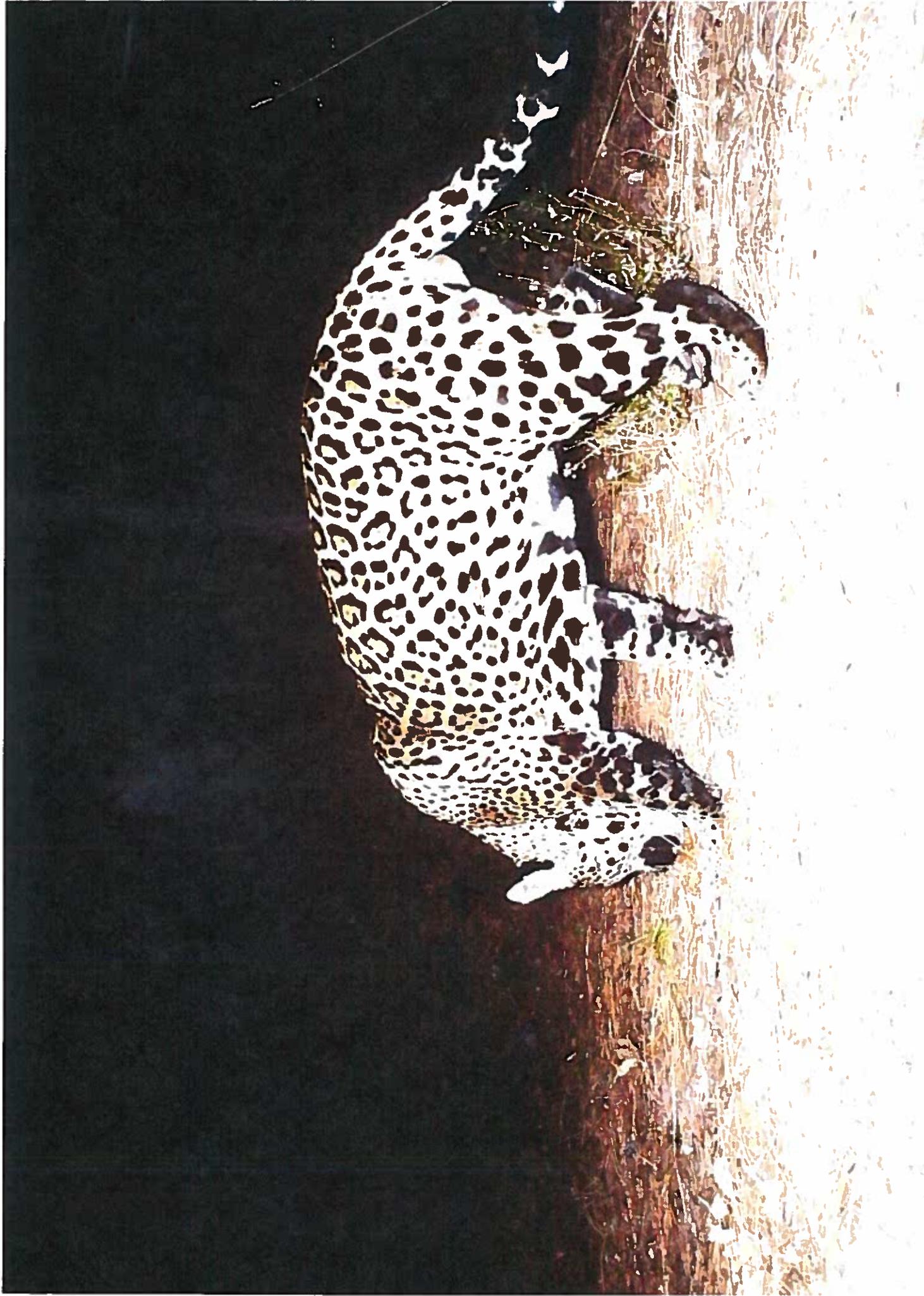
Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
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HCO ScoutGuard

12.01.2016 19:12:52

## Tim Snow

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**From:** Tim Snow  
**Sent:** Monday, December 05, 2016 5:27 PM  
**To:** 'Brewer, Debbie A CIV (US)'; Jason Douglas (Jason\_Douglas@fws.gov); Scott Richardson (scott\_richardson@fws.gov)  
**Cc:** Erin Fernandez (Erin\_Fernandez@fws.gov); Rohr, Dawn R CIV (US); James Driscoll  
**Subject:** RE: Detection (UNCLASSIFIED)

Awesome Debbie. This is much clearer and easier to see that this guy is a different/new individual. First detection was 11/29 to the south, then your photo, and then back to the south.

I will give you a call, most likely tomorrow.

Per our protocols, USFWS, USFS, and Wildlife Services have all received notification of this animal in the area.

Thanks again,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449

## Tim Snow

---

**From:** Tim Snow  
**Sent:** Tuesday, December 06, 2016 2:28 PM  
**To:** James Driscoll  
**Subject:** Protocols  
**Attachments:** Jaguar.HandlingProtocol200703.Final\_000.pdf; Reporting Flow Chart - USFWS & UA.doc

Jamey – Here are the protocols; one is the old final from the conservation team and contains potential for placing a collar (needs revision), the other is the flow chart.

-- Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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## **JAGUAR HANDLING PROTOCOL**

(Updated March 2007)

### Policy:

State wildlife representatives to the Jaguar Conservation Team (JAGCT) or their designees will respond to all jaguar reports, including livestock depredation reports or reports of accidental trapping, in accordance with procedures prescribed in this protocol.

### Procedures:

- A. The purpose of these procedures is to create a situation where jaguars and humans can co-exist. In dealing with jaguars, there are a number of factors that must be considered. These factors may include the individual jaguar's physical condition, damage of personal property, and public safety. We must be aware of the effects jaguars may have on landowners and government agencies, and be sensitive to what people and agencies feel their role is when we handle jaguars.
- B. During normal working hours, all observations of reported jaguars should be forwarded to the JAGCT respective state wildlife agency representative. Handling requirements of these observations are outlined below by category. Each agency maintains its own policy regarding how to route information on such reported sightings, but the end results should be the same: involvement of all affected parties and timely resolution of any situation.
- C. The JAGCT member receiving the report will determine if the jaguar call requires an immediate response based on the following categories. (Appropriate responses for each category are described below in section D.)
  1. Category 1: Jaguar is considered to be in immediate danger because:
    - a. the jaguar is injured;
    - b. the jaguar is confined or restrained and unable to leave the area, i.e. foot snare.
  2. Category 2: Jaguar is not considered in immediate danger, but is of special interest to the JAGCT (i.e. potential for placing a radio-collar on the jaguar) or may be in danger in the future because:
    - a. the jaguar is temporarily confined or restrained (i.e. at bay by dogs) and/or does not appear to have a radio-collar or is unmarked;
    - b. the jaguar is defending a kill, or has been involved in a livestock depredation.
  3. Category 3: The jaguar is not in immediate danger, nor is there reason to believe that it will be because:
    - a. the jaguar is only observed traveling through an area or resting, and appears

uninjured and poses no threat to personal property.

D. As soon as the category has been determined, the JAGCT member responding to the call will continue as follows for the appropriate category listed below.

1. Category I situations require immediate responses by a state wildlife agency representative of the JAGCT or their designee. If livestock depredation is suspected or observed, a member of the JAGCT Depredation Committee should also be contacted and respond.
  - a. The reporting party will be advised that the jaguar poses a threat to public safety and that all people should keep out of the area where the jaguar is located. The reporting party will also be advised to avoid any activities that might cause the animal to injure itself.
  - b. The JAGCT state wildlife representative or their designee will travel to the site and assess the situation as soon as possible. Jaguar capture procedures (see Jaguar Capture Guidelines) should be initiated if deemed appropriate.
  - c. The safety of the jaguar and any people present are the most important aspects of handling. If for any reason, any of the actions below would imperil the jaguar or people present, those actions should not take place, and the jaguar should be released immediately.
  - d. If necessary, jaguars that are handled will be anesthetized, processed and released on site. Processing includes taking standard physical measurements (weight, length, girth, pad sizes, skull and tooth dimensions); estimating age; assessing physical condition; taking blood samples for genetics evaluation, assessing physical parameters and parasites/disease testing; photographing natural spot patterns; ear-tagging and radio collaring. Recommended anesthesia is Telazol at a dose of 5mg/kg (2.3mg/lb) [Schobert 1987, Kock et al. 1989, Barnett and Lewis 1990] administered by experienced personnel only, with a jab stick or dart from a dart pistol or dart rifle (long range only). Round plastic ear-tags may be applied and should be numbered and non-protruding.
  - e. Injured jaguars will be anesthetized and the extent of injuries evaluated. Non-debilitating injuries will be treated on site and the animal will be processed and released (following the description above and within the JAGCT Capture Guidelines), if appropriate. Debilitating injuries will be treated on site, as best possible. If necessary, the jaguar will be transported to a veterinarian experienced in working with large carnivores and/or wild animals for treatment. Rehabilitated jaguars will be released as soon as possible at or near the capture site. Non-releasible, rehabilitated jaguars will be placed at

appropriate facilities to the extent possible.

- f. When a Category I jaguar is captured on private property and the landowner does not want it released on site, the jaguar will be moved to and released at a pre-approved release site. Both state wildlife agencies will pre-determine at least one release site where jaguars can be relocated. If a jaguar is moved to the release site, and remains in the area, a second site must also be identified for the release of a second jaguar, if needed. If the jaguar does not remain in the vicinity of the release site, successive jaguars can also be released there until one does occupy the area.
2. If a Category II jaguar is on a natural kill, the location of the kill will be visited, the kill verified and documented, and habitat data recorded. If the kill is determined to be a livestock depredation, the landowner will be offered fair compensation for their loss following procedures described by the JAGCT Depredation Committee. Compensation for livestock depredations requires verification by an approved JAGCT Depredation Committee member. The landowner will be offered fair compensation for the loss following the JAGCT Depredation Committee guidelines.
3. If a Category III jaguar is reported, a JAGCT Sighting Report Form must be filled out and forwarded to the JAGCT state wildlife agency representative. Further actions (i.e. field investigations for possible tracks and/or physical evidence) may be required depending upon the validity (JAGCT Ranking Criteria) and timing of the report.
  - a. For Class I observations (those with physical evidence or deemed as high probability of an actual jaguar) every measure should be taken to maintain confidentiality of the site. At the same time, notification of affected landowners and persons conducting legal trapping activities in the immediate vicinity of the sighting should occur as deemed appropriate by the JAGCT state wildlife agency representative.

Phone call received

**People / Jaguar or Ocelot  
in immediate danger  
Category 1**

jaguar or ocelot injured or  
restrained/confined/snared  
*non-releasable*

No

Proceed to next page

YES

Advise reporting party that the jaguar or ocelot poses a threat to public safety and that all people should keep out of the area until a public safety officer arrives and advises otherwise (likely a state agency wildlife manager).

Contact District WM, Sector Supervisor, and Regional Supervisor for immediate response / assessment

Public safety officer (usually the District WM) travels to site and assesses situation.

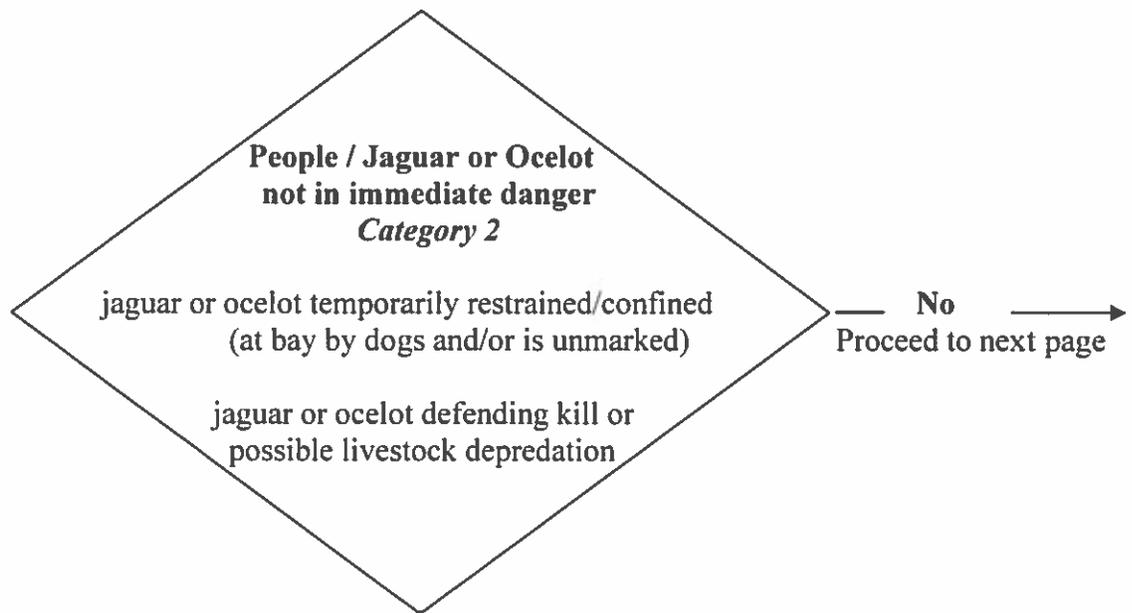
Initiate Department Veterinary Support for Jaguar and Ocelot Capture, Restraint and Handling Directive

Initiate Department Jaguar and Ocelot Area of Capture Concern Directive

Contact the Department's Jaguar/Ocelot Conservation Lead (Nongame Branch Chief)

If deemed appropriate by Conservation Lead, Jaguar/Ocelot Capture Guidelines are initiated.

Conservation Lead initiates Class I observation procedures (i.e. contacting USFWS, affected land management agency, USDA APHIS-WS, livestock permit holder, and persons conducting legal trapping or livestock depredation activities in the immediate area).



Advise reporting party that jaguars and ocelots are protected federally by the Endangered Species Act, which under federal law means it is generally unlawful “to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct”.

Once aware that the animal is a jaguar or ocelot, any pursuit should stop immediately. Dogs, if present, should be called off immediately and the jaguar and ocelot allowed to leave the area. Take all necessary steps to not intentionally pursue or harass the individual(s).

Photo documentation is allowable as long as it is performed without intentional pursuit or harassment of the animal

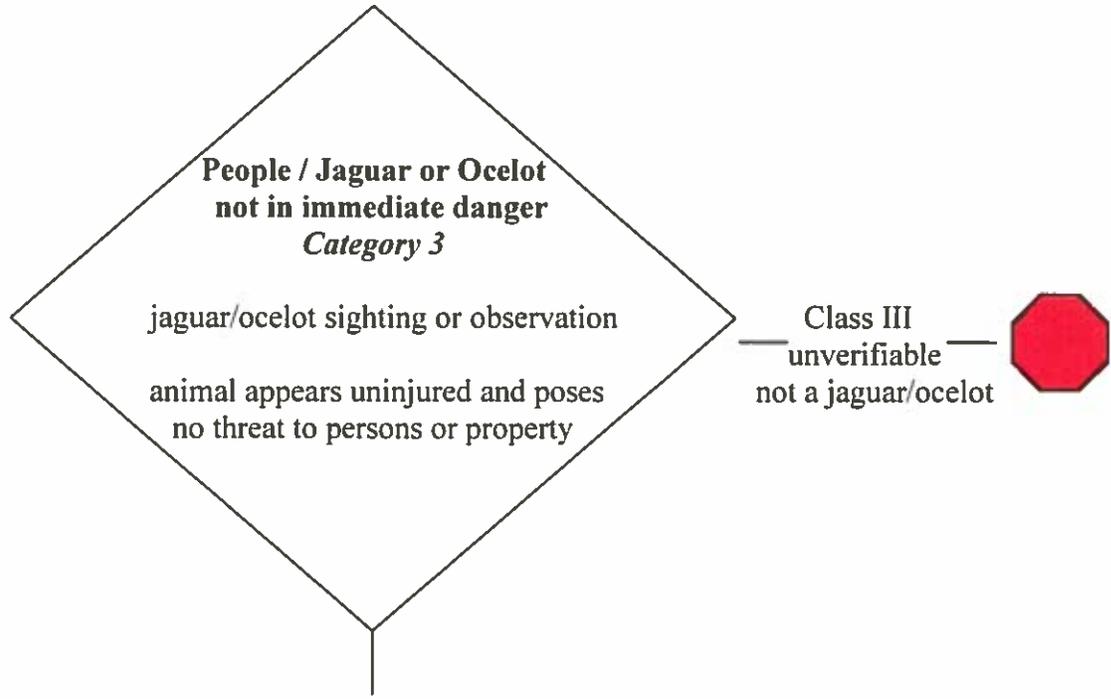
Contact District WM, Sector Supervisor, and Regional Supervisor for immediate response / assessment

Public safety officer (usually the District WM) travels to site and assesses situation.

Initiate Department Jaguar and Ocelot Area of Capture Concern Directives  
Contact the Department's Jaguar/Ocelot Conservation Lead (Nongame Branch Chief)

If deemed appropriate by Conservation Lead, Jaguar/Ocelot Capture Guidelines are initiated.  
If appropriate, Jaguar Depredation Committee guidelines are initiated.

Conservation Lead initiates Class I observation procedures  
(i.e. contacting USFWS, affected land management agency, USDA APHIS-WS, livestock permit holder, and persons conducting legal trapping or livestock depredation activities in the immediate area).



**YES**

Initiate Rare Cat Observation Report procedures following Jaguar/Ocelot AOCC Directive [i.e. contact Conservation Lead and Regional Nongame Specialist (area of observation)]

Regional Nongame Specialist completes Endangered Cat Observation Report Form, Initiates Ranking Criteria, and forwards completed form to Conservation Lead and FOR5 Nongame Specialist

FOR5 Nongame Specialist initiates final Ranking

If Class I – initiate contact with USFWS, affected land management agency, USDA APHIS-WS, livestock permit holder, and persons conducting legal trapping or livestock depredation activities in the immediate area. Initiate a follow-up site visit, if possible and timely.

If Class II – contact with USFWS, affected land management agency, USDA APHIS-WS, livestock permit holders, and others not necessary. Initiate follow-up site visit, if possible and timely.

If Class III - contact with affected landowners, livestock permit holders, and others and follow-up site visits, not necessary.

# AGFD PERSONNEL ROLES/RESPONSIBILITIES REGARDING RARE/ENDANGERED CAT OBSERVATIONS

## Class III Observations (unsubstantiated or animal deemed other than a jaguar/ocelot):

### *Department Personnel Receiving/Responding to reported observation*

- Report observation and contact information for the Reporting Party to the Nongame Specialist for the Region in which the observation occurred
- Gather detailed account information or fill out an *Endangered Cat Observation Form* indicating reason(s) for classification as a Class III observation

### *Nongame Specialist* (area of observation)

- Ensure *Endangered Cat Observation Form* is filled out [i.e. contact/interview Reporting Party or ensure account information is recorded by AGFD personnel (e.g. Wildlife Manager or other field personnel)]
- Forward completed *Endangered Cat Observation Form* to FOR5 Nongame Specialist, Nongame Birds & Mammals Program Manager, and AGFD Jaguar/Ocelot Conservation Lead (Nongame Branch Chief)

### *Nongame Branch Chief*

- No action required; initiate Jaguar/Ocelot AOCC Directive cross program and up-line reporting as deemed appropriate

## Class I or Class II Observations (probable or verified jaguar/ocelot observation):

### *Department Personnel Receiving/Responding to reported observation*

- Immediately report observation and contact information for the Reporting Party to the Nongame Specialist for the Region in which the observation occurred
- Gather detailed account information or fill out an *Endangered Cat Observation Form* indicating reason(s) for classification as Class I or Class II observation
- Assist Regional Nongame Specialist in obtaining verifiable account information (i.e. physical evidence) including conducting field investigation(s) as deemed appropriate

### *Nongame Specialist* (area of observation)

- Immediately contact AGFD Jaguar/Ocelot Conservation Lead (Nongame Branch Chief) and provide detailed account information (e.g. specific location of occurrence, date of occurrence)
  - Immediately contact appropriate Regional Personnel (area of observation): Regional Supervisor, District Wildlife Manager, Sector Supervisor – Initiate Jaguar/Ocelot AOCC Directives for Regional activities and the Department Veterinary Support for Jaguar and Ocelot Capture, Restraint and Handling Directive if appropriate
- Ensure *Endangered Cat Observation Form* is filled out [i.e. contact/interview Reporting Party or ensure account information is recorded by AGFD personnel (e.g. Wildlife Manager or other field personnel)]

- Forward *Endangered Cat Observation Form* to FOR5 Nongame Specialist, Nongame Birds & Mammals Program Manager, AGFD Jaguar/Ocelot Conservation Lead (Nongame Branch Chief), and HDMS (Program Supervisor).

*Nongame Branch Chief*

- Initiate Jaguar/Ocelot AOCC Directive communications (up-line and cross program coordination including informing the Director; E-Staff; all Regional Supervisors; the Development Branch Chief; FOD and WMD Coordinators; all Branch Chiefs in WMD; and the Information Branch Chief)
- Initiate Department Veterinary Support for Jaguar and Ocelot Capture, Restraint and Handling Directive if deemed appropriate.
- Within 24 hours contact/inform:
  - U.S. Fish & Wildlife Service (Steve Spangle and Jean Calhoun for general public observations; UA Project observations are already reported to USFWS)
    - USFWS will coordinate location information/photo-sharing with University of Arizona Monitoring Project
  - USDA APHIS-WS (Dave Bergman)
  - Appropriate land management agency for area of occurrence (USDA Forest Service, BLM, etc.) – Supervisor level *Note: land management agency responsible for notifying livestock permit holder (area of occurrence)*
    - *Regional Supervisor (area of occurrence)* may be asked to coordinate with land management agency supervisor

***Note: 24-hour contact applies to new individuals or new locations for previously detected individuals. Notification during the next business day is adequate for previously detected individuals at previously detected locations or photographs older than 7 days.***

## ROLES/RESPONSIBILITIES FOR CONFIRMED JAGUAR/OCELOT DURING UNIVERSITY OF ARIZONA MONITORING PROJECT

### *University of Arizona Project (UA)* (current lead Lisa Haynes)

- Initiate reporting responsibilities per permit/contract stipulations within 24 hours of confirmed jaguar/ocelot **photograph/tracks/scat**. *Note: 24-hour contact applies to new individuals or new locations for previously detected individuals. Notification during the next business day is adequate for previously detected individuals at previously detected locations or photographs older than 7 days.*
  - Contact USFWS project lead (Susan Sferra)
  - Contact AGFD / NMDGF (state of occurrence) if time sensitive as noted above; otherwise contacting AGFD / NMDGF will be performed by USFWS lead. [AGFD Region 5 Nongame Specialist (Tim Snow) and Nongame Birds and Mammals Program Manager (James Driscoll); NMDGF (James Stuart)]
  - Contact land management agency (area of occurrence)
- Coordinate photo sharing with AGFD Region 5 (Tucson) Nongame Specialist (Tim Snow) for spot pattern comparisons. *Note: UA may send photos to USFWS and USFWS may send photos to AGFD / NMDGF.*
- In the unlikely event that the UA observes a jaguar or ocelot that is injured or in danger of being harmed, UA will immediately notify AGFD law enforcement at 1-800-352-0700 – Operation Game Thief

### *USFWS* (current lead Susan Sferra for Arizona; Patricia Zenone for New Mexico)

- Facilitate reporting/coordination between UA Project and AGFD / NMDGF
  - Confirmed jaguar/ocelot occurrences received by UA Project to AGFD/NMDGF
  - Confirmed jaguar/ocelot occurrences received by AGFD to UA Project
  - Confirmed jaguar/ocelot occurrences received by NMDGF to UA Project
- Initiate internal (USFWS) coordination
- Contact DOI-Washington border liason (Jon Andrew)
- Contact Tucson Sector Border Patrol Public Lands Liason (Don Jones) and External Communications Branch Chief (Alilia McNeil)

### *AGFD / NMDGF* [AGFD Region 5 Nongame Specialist (Tim Snow) and Nongame Birds and Mammals Program Manager (James Driscoll); NMDGF (James Stuart)]

- Treat UA Project jaguar/ocelot observation reports the same as other reports received from the public (i.e. initiate Jaguar/Ocelot AOCC Directive, fill out *Endangered Cat Observation Form*, etc.)
  - Ensure contact has been received by USFWS, USDA APHIS-WS, and land management agency (area of occurrence) **Supervisor level per AGFD protocol**
- Ensure location information for Class I and II jaguar/ocelot observation reports are shared with UA Project (Lisa Haynes)
- Ensure location information for Class I and II jaguar/ocelot observation reports are shared with USFWS lead (Susan Sferra for Arizona, Patricia Zenone for New Mexico) for UA Project.

**Data Sharing Process:** Specific location information for confirmed Class I and II observations should be treated as Sensitive Information to prevent potential *TAKE* issues (e.g. undue harassment or pursuit of the animal) or disturbance of research objectives.

- USFWS will forward data to AGFD / NMDGF (respectively) once received from UA, using AGFD spreadsheet format.
- USFWS will request GPS locations from UA when needed (USFWS may delay request for locations from UA due to FOIA concerns).
- UA and AGFD / NMDGF will coordinate GPS locations directly as needed.
  
- **NOTE:**
  - Minimize e-mail chains where possible
  - Prevent using location names in file-naming conventions or subject lines
  - Keep general locations to the Mountain Range of occurrence as appropriate (smaller mountain ranges, such as Whetstones, Dragoons, or Mule mountains, may be too descriptive)
  - Consider timing of occurrence and frequency of occurrence by individuals prior to releasing sensitive information
  - USFWS, AGFD/NMDF, Border Patrol, Customs and Border Protection, and land management agencies should coordinate release of location information where feasible

### **Important Contacts:**

#### *USFWS*

- Susan Sferra, Arizona – Office: (520) 670-6150 x230; Cell: (602) 881-4779; [susan\\_sferra@fws.gov](mailto:susan_sferra@fws.gov).
- Patricia Zenone, New Mexico – Office: (505) 761-4718; [patricia\\_zenone@fws.gov](mailto:patricia_zenone@fws.gov).

#### *AGFD*

- Tim Snow, Tucson – Office: (520) 388-4449; Cell: (520) 991-4450; [tsnow@azgfd.gov](mailto:tsnow@azgfd.gov).
- James Driscoll, Phoenix – Office: (623) 236-7581; Cell: (602) 541-8812; [jdriscoll@azgfd.gov](mailto:jdriscoll@azgfd.gov).

#### *NMDGF*

- James Stuart, Santa Fe – Office: (505) 476-8107; [james.stuart@state.nm.us](mailto:james.stuart@state.nm.us).

#### *USDA APHIS-WS*

- David Bergman, Phoenix – Office: (602) 870-2081; Cell: (602) 758-7803; [David.L.Bergman@aphis.usda.gov](mailto:David.L.Bergman@aphis.usda.gov).

#### *Border Patrol Liason*

- Don Jones, Tucson – Office: (520) 514-4754; Cell: (520) 400-4639; [DON.JONES@cbp.dhs.gov](mailto:DON.JONES@cbp.dhs.gov).

#### *DHS*

- Alilia McNeal, Tucson – Office: (520) 748-3033; Cell: (520) 262-9489; [ALILIA.MCNEAL@dhs.gov](mailto:ALILIA.MCNEAL@dhs.gov).

## James Driscoll

---

**From:** James Driscoll  
**Sent:** Tuesday, December 06, 2016 3:24 PM  
**To:** Tom Jones  
**Subject:** Fwd: What do you think?  
**Attachments:** image001.jpg; 2016 12 01 19 12 56.JPG

Please excuse the typos. Sent from my iPhone and I have fat fingers.

Begin forwarded message:

**From:** "Tim Snow" <[TSnow@azgfd.gov](mailto:TSnow@azgfd.gov)>  
**To:** "James Driscoll" <[JDriscoll@azgfd.gov](mailto:JDriscoll@azgfd.gov)>  
**Subject:** What do you think?

We'll talk soon.

-- Tim

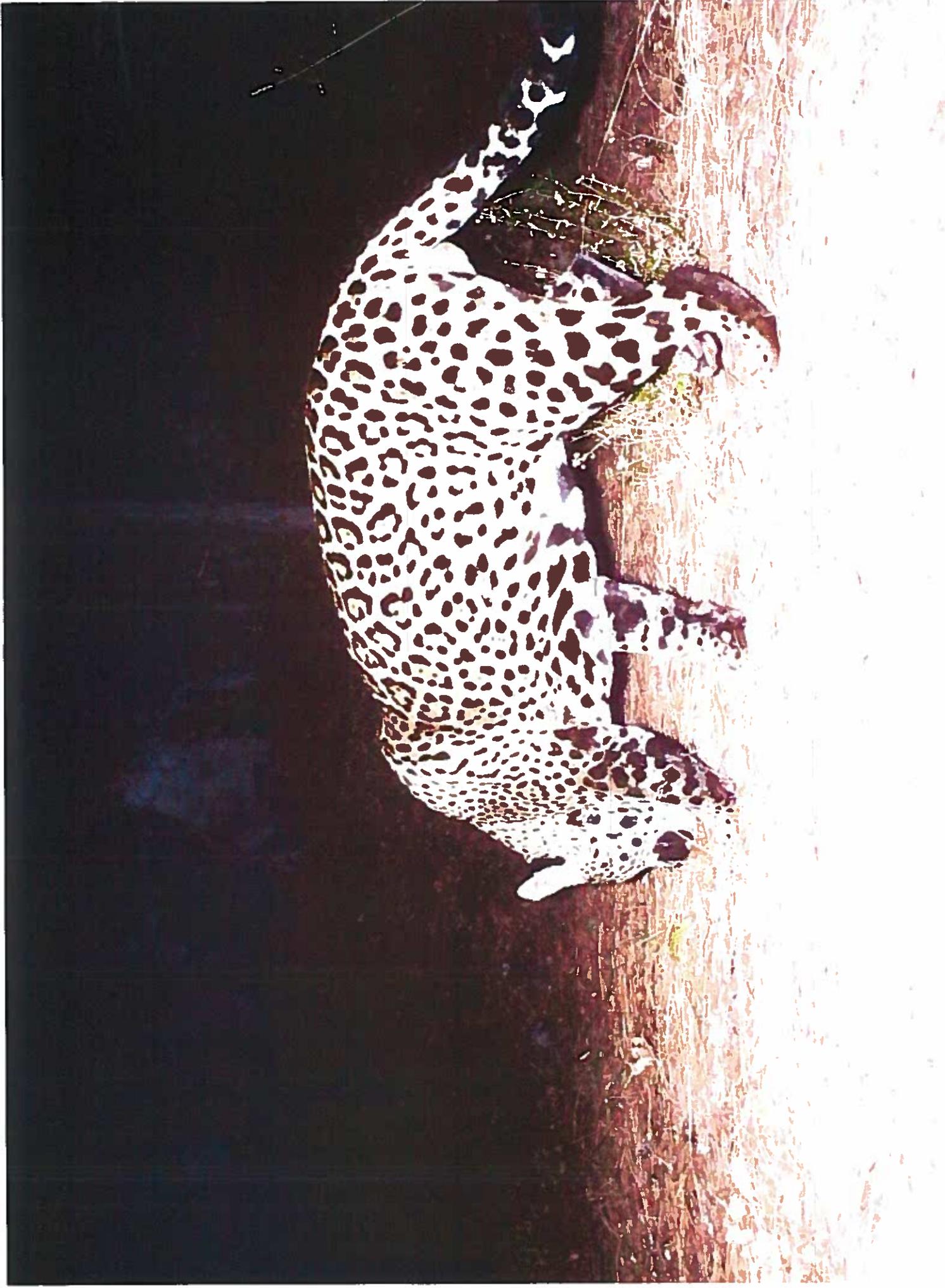
Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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## Tim Snow

---

**From:** Tim Snow  
**Sent:** Tuesday, December 06, 2016, 4:17 PM  
**To:** [REDACTED]  
**Subject:** RE: photos

[REDACTED] I just wanted to give you and CBP a heads up on things. You may or may not be aware that the cat was photographed on the Fort north of your photos. The photo was leaked to outside sources (social media). As a result, we (Arizona Game and Fish) and the USFWS are going to put out a press release indicating that we have obtained photos and are aware of this new individual, male animal. We will only disclose the location as the Huachuca Mtns. And, the source of the photos is not shared. We will not be identifying any information regarding the photos that you have shared or use any of your photos in the press release.

Again, I hope this does not impact any of your operations, but I wanted to give you the heads up.

– Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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## Raul Vega

---

**From:** Bill Andres  
**Sent:** Tuesday, December 6, 2016 4:43 PM  
**To:** 'RDTuggle@fws.gov'; 'Mike\_Martinez@fws.gov'  
**Cc:** 'Beth\_Britt@fws.gov'; 'Chris\_tincher@fws.gov'; Jim deVos; Raul Vega; Tim Snow; James Driscoll; Tom Finley; Marianne Cox; Tony Guiles; Ty Gray  
**Subject:** SE Arizona cat news release

Director Tuggle et al:

Arizona Game and Fish Department is preparing a news release about the sighting of what may be a new jaguar to Arizona. Photographs from the US Border Patrol and Fort Huachuca are currently being reviewed by experts appear to show a male jaguar that has not been identified before. We hope to release this information before the news leaks out from other sources, and we would like to make this a joint release with your agency.

Our plan is to get this release out as soon as possible, but NO LATER THAN Wednesday morning, December 7 at 8am Mountain Time.

Below is our initial draft. If you would like this to be a joint release, we will work with you to re-write this and include USFWS. Please take a look at this draft and let us know as soon as possible if you'd like to be included in this announcement.

Thanks,  
ba

The Arizona Game and Fish Department recently received photos of a jaguar in southeastern Arizona. The cat's image appeared in trail camera photographs taken in the Huachuca Mountains, southeast of Fort Huachuca.

Preliminary indications are that the cat is a male jaguar, and that it is an individual that has not been previously seen in Arizona. But, according to AZGFD, there are steps that must be taken to verify the identity of the animal.

"While this is exciting news, we are examining photographic evidence to determine if we're seeing a new cat here, or if this is an animal that has been seen in Arizona before," said Jim deVos, assistant director of the Game and Fish Wildlife Management Division. "To make that call without examining the evidence would be jumping the gun, and we suggest no one make that claim until the evidence is thoroughly vetted."

AZGFD is currently validating this sighting with experts outside the agency and will notify the public when the final determination is made.

Bill Andres  
Information Branch Chief  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086  
623-236-7223

**Great Outdoors, Great Value!**  
[www.AZGFD.gov](http://www.AZGFD.gov)

**Tom Jones**

---

**From:** Tom Jones  
**Sent:** Tuesday, December 06, 2016 5:19 PM  
**To:** James Driscoll  
**Subject:** comparison  
**Attachments:** jaguar comparison.pptx

OK Jamey, here is my assessment.

Although the photo of the animal from the Huachucas (12/1/2016) is overexposed, and the spots within most of the rosettes are washed out, it is still quite easy to compare the spot patterns and rosette shapes over much of the animal.

I prepared a powerpoint presentation comparing a few photos of the well-known Santa Rita animal with the one from the Huachucas (attached), using landmarks from different parts of the body. First, there is no "Christmas tree" rosette on the Huachuca animal, and that alone should distinguish between the two. However, I also looked at the spot patterns on the lower left leg, the left rump and just below the midline above the tail.

None of the patterns match and the animals are definitively different.

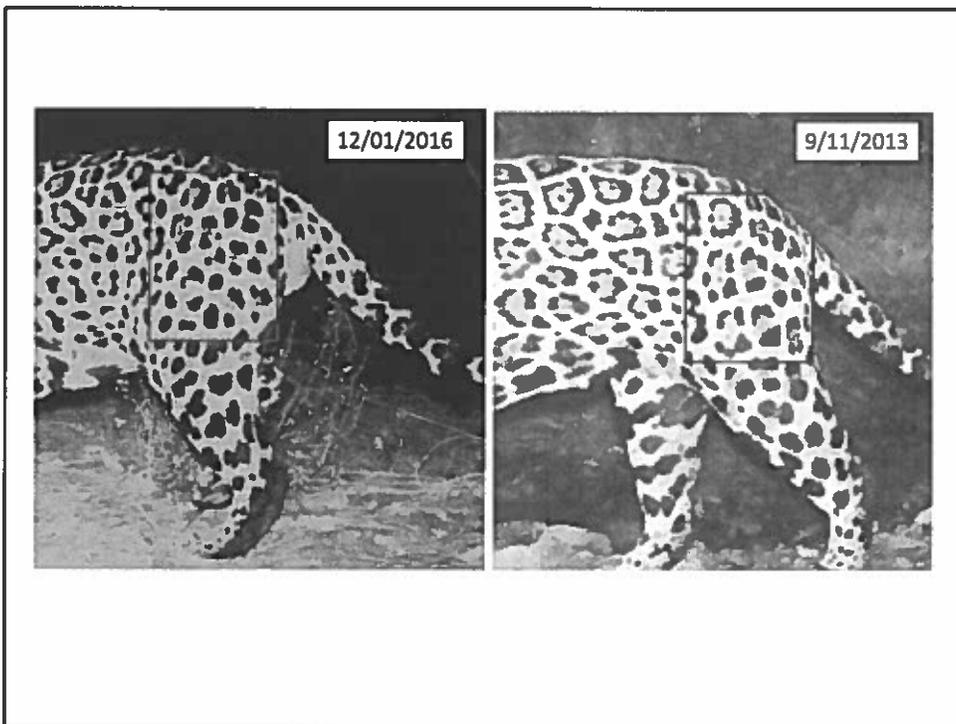
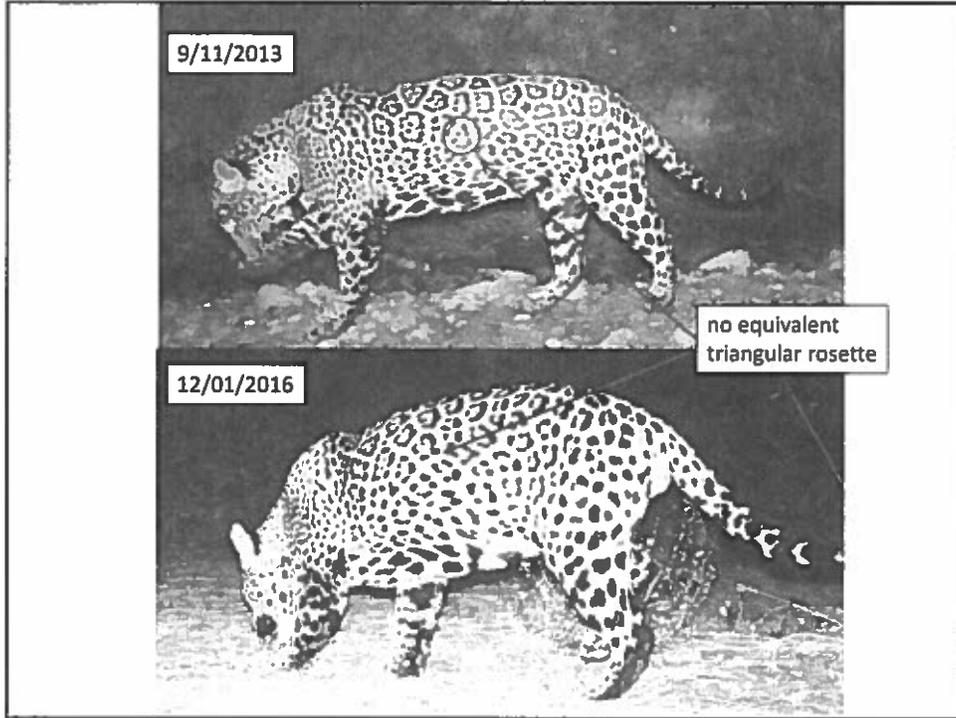
Let me know if you have any questions.

Tom

---

**Thomas R. Jones**  
**Amphibians and Reptiles Program Manager**  
**Arizona Game and Fish Department**  
**5000 W. Carefree Hwy.**  
**Phoenix, AZ 85086**  
**623.236.7735**

**Your Wildlife is the Heritage Fund's Legacy**  
Making a Difference for Conservation





spot pattern on lower leg above pad does not match.  
2 distinct spots in a triangle in photo on left (Santa Ritas)  
nothing similar in photo on right (Huachucas)

## James Driscoll

---

**From:** James Driscoll  
**Sent:** Wednesday, December 07, 2016 10:24 AM  
**To:** Brittany Oleson; Tom Jones (TJones@azgfd.gov); Tim Snow; Josh Avey  
**Cc:** Jim deVos (JdeVos@azgfd.gov)  
**Subject:** Comparative Analysis

When each of you complete your comparative analysis, please send them to me for submission to Jim deVos.

Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581  
Cell: 602-541-8812  
Fax: 623-236-7926

 Please consider the environment before printing this e-mail, and do so only if absolutely necessary.

## James Driscoll

---

**From:** James Driscoll  
**Sent:** Thursday, December 08, 2016 12:14 PM  
**To:** Bill Vanpelt (BVanpelt@azgfd.gov)



Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

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Cell: 602-541-8812  
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## Tim Snow

---

**From:** Tim Snow  
**Sent:** Wednesday, December 07, 2016 11:59 AM  
**To:** James Driscoll  
**Subject:** RE: Comparative Analysis  
**Attachments:** Comparison.pptx

Jamey – I have made comparisons of the recent photos with past file photos. All indications are that this is a different individual, male jaguar.

In addition to comparing the Santa Rita jaguar with the Huachuca cat, I have also looked at photos from the El Aribabi Conservation Ranch in northern Mexico. I did not find a photo on their website (<http://elaribabi.com/>) indicating the same individual.

Let me know if you have any questions.

-- Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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---

**From:** James Driscoll  
**Sent:** Wednesday, December 07, 2016 10:24 AM  
**To:** Brittany Oleson; Tom Jones; Tim Snow; Josh Avey  
**Cc:** Jim deVos  
**Subject:** Comparative Analysis

When each of you complete your comparative analysis, please send them to me for submission to Jim deVos.

Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581

Cell: 602-541-8812

Fax: 623-236-7926

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Santa Rita



Covert

01.16.2014 18:07:45

Santa Rita



Covert

05.31.2013 20:44:06

Huachuca



HCO ScoutGuard

12.01.2016 19:12:52

Absent tree and  
black dot

male

CBP



CBP



Fort Huachuca



Inconclusive –  
timeline suggests  
same individual

HCO ScoutGuard

12.01.2016 19:12:52

CBP



CBP



Santa Rita



Santa Rita



Inconclusive –  
appears different

CBP photo  
resolution is too  
poor for  
comparison

## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Wednesday, December 07, 2016 12:41 PM  
**To:** 'Gray, Lesli'; Dale Hajek  
**Cc:** Jeff Humphrey  
**Subject:** RE: jaguar photo

I spoke to AP before I saw this, and the fort has granted permission for use.

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978



**From:** Gray, Lesli [mailto:lesli\_gray@fws.gov]  
**Sent:** Wednesday, December 07, 2016 12:26 PM  
**To:** Dale Hajek <dhajek@azgfd.gov>; Mark A. Hart <MHart@azgfd.gov>  
**Cc:** Jeff Humphrey <Jeff\_Humphrey@fws.gov>  
**Subject:** jaguar photo

Hi Dale and Mark, I received a call from the AP asking how they get permission to use the photo on the news release. Do they need to contact someone at the Fort? Lesli

--

**PLEASE NOTE UPDATED PHONE #**

Lesli A. Gray  
U.S. Fish and Wildlife Service  
Public Affairs Specialist  
972-439-4542  
[lesli\\_gray@fws.gov](mailto:lesli_gray@fws.gov)  
[www.fws.gov/southwest](http://www.fws.gov/southwest)

**Mark A. Hart**

---

**From:** Mark A. Hart  
**Sent:** Wednesday, December 07, 2016 1:35 PM  
**To:** [REDACTED]  
**Subject:** RE: FW: News Release: Jaguar photograph taken by Fort Huachuca trail camera

Merry Christmas to you and yours as well.

Mark

**From:** [REDACTED]  
**Sent:** Wednesday, December 07, 2016 1:21 PM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** Re: FW: News Release: Jaguar photograph taken by Fort Huachuca trail camera

Thank you Mark!  
Merry Christmas,  
[REDACTED]

On Dec 7, 2016 1:14 PM, "Mark A. Hart" <MHart@azgfd.gov> wrote:

FYI

**From:** AZGFD [mailto:[e-news@azgfd.gov](mailto:e-news@azgfd.gov)]  
**Sent:** Wednesday, December 07, 2016 10:28 AM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** News Release: Jaguar photograph taken by Fort Huachuca trail camera



GAME AND FISH NEWS

**Mark A. Hart**

---

**From:** Mark A. Hart  
**Sent:** Wednesday, December 07, 2016 1:35 PM  
**To:** [REDACTED]  
**Subject:** RE: FW: News Release: Jaguar photograph taken by Fort Huachuca trail camera

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**Sent:** Wednesday, December 07, 2016 1:21 PM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** Re: FW: News Release: Jaguar photograph taken by Fort Huachuca trail camera

Thank you Mark!  
Merry Christmas,  
[REDACTED]

On Dec 7, 2016 1:14 PM, "Mark A. Hart" <MHart@azgfd.gov> wrote:

FYI

**From:** AZGFD [mailto:[e-news@azgfd.gov](mailto:e-news@azgfd.gov)]  
**Sent:** Wednesday, December 07, 2016 10:28 AM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** News Release: Jaguar photograph taken by Fort Huachuca trail camera



**GAME AND FISH NEWS**

For immediate release, Dec. 7, 2016  
Arizona Game and Fish Department

Contact:

Mark Hart

Arizona Game and Fish Department

Information and Education Program Manager

(520) 388-4445, [mhart@azgfd.gov](mailto:mhart@azgfd.gov)

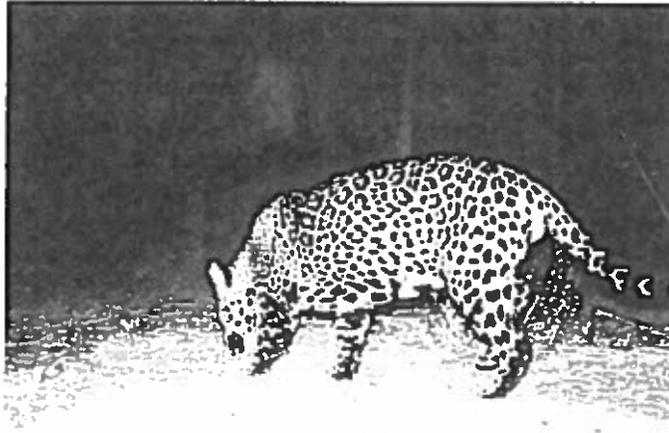
Lesli Gray

U.S. Fish and Wildlife Service

Public Affairs Specialist

(972) 439-4542, [lesli\\_gray@fws.gov](mailto:lesli_gray@fws.gov)

**Jaguar photograph taken by Fort Huachuca trail  
camera**



HCO ScoutGuard

12 01.2016 19 12 52

**PHOENIX —** The Arizona Game and Fish Department and the U.S. Fish and Wildlife Service recently received a photograph of a jaguar taken by a Fort Huachuca trail camera in the Huachuca Mountains. Fort Huachuca is a U.S. Army installation near Sierra Vista in southeastern Arizona.

“Preliminary indications are that the cat is a male jaguar and, potentially, an individual not previously seen in Arizona,” said Dr. Benjamin Tuggle, regional director for the Southwest Region of the U.S. Fish and Wildlife Service. “We are working with the Arizona Game and Fish Department to determine if this sighting represents a new individual jaguar.”

“While this is exciting news, we are examining photographic evidence to determine if we’re seeing a new cat here, or if this is an animal that has been seen in Arizona before,” said Jim DeVos, assistant director of the department’s Wildlife Management Division. “We look forward to partnering with the U.S. Fish and Wildlife Service and thoroughly vetting the evidence.”

AZGFD, USFWS and Fort Huachuca personnel will notify the public when the final determination is made.



---

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**(602) 942-3000 · [www.azgfd.gov](http://www.azgfd.gov)**





## GAME AND FISH NEWS

For immediate release, Dec. 7, 2016  
Arizona Game and Fish Department

Contact:  
Mark Hart  
Arizona Game and Fish Department  
Information and Education Program Manager  
(520) 388-4445, [mhart@azgfd.gov](mailto:mhart@azgfd.gov)

Lesli Gray  
U.S. Fish and Wildlife Service  
Public Affairs Specialist  
(972) 439-4542, [lesli\\_gray@fws.gov](mailto:lesli_gray@fws.gov)

### Jaguar photograph taken by Fort Huachuca trail camera



PHOENIX — The Arizona Game and Fish Department and the U.S. Fish and Wildlife Service recently received a photograph of a jaguar taken by a Fort Huachuca trail camera in the Huachuca Mountains. Fort Huachuca is a U.S. Army installation near Sierra Vista in southeastern Arizona.

“Preliminary indications are that the cat is a male jaguar and, potentially, an individual not previously seen in Arizona,” said Dr. Benjamin Tuggle, regional director for the Southwest Region of the U.S. Fish and Wildlife Service. “We are working with the Arizona Game and Fish Department to determine if this

sighting represents a new individual jaguar.”

“While this is exciting news, we are examining photographic evidence to determine if we’re seeing a new cat here, or if this is an animal that has been seen in Arizona before,” said Jim DeVos, assistant director of the department’s Wildlife Management Division. “We look forward to partnering with the U.S. Fish and Wildlife Service and thoroughly vetting the evidence.”

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(602) 942-3000 · [www.azgfd.gov](http://www.azgfd.gov)



**Robly**

**Mark A. Hart**

---

**From:** Mark A. Hart  
**Sent:** Thursday, December 08, 2016 10:25 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Last credible sighting of a female jaguar in Arizona

[REDACTED] suggested that I contact you. Can you help me clarify when the last credible sighting was, 1963 or 1949?

We understand that the 1963 sighting may have been of a female captured in Mexico then transported here for a hunt near Big Lake.

The issue has re-emerged because of the sighting of likely a new individual on Ft. Huachcua.

Thank you for any assistance you can provide.

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978



## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Thursday, December 08, 2016 11:19 AM  
**To:** Raul Vega; Tim Snow  
**Subject:** FW: Last credible sighting of a female jaguar in Arizona

Don't know what to make of this response from Dave Brown but this issue will resurface.

Thanks, Mark

**From:** [REDACTED]  
**Sent:** Thursday, December 08, 2016 11:18 AM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** Re: Last credible sighting of a female jaguar in Arizona

The female taken in 1963 was killed by a predator caller and not on a guided hunt. I interviewed both the hunter (Terry Penrod) and Curtis Prock, who released jaguars in Arizona. Both denied the cat being released. Curtis said that all the jaguars he released were taken by him and his dogs. Penrod was alone and without either a guide or dogs.

David

-----Original Message-----

**From:** Mark A. Hart <MHart@azgfd.gov>  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Sent:** Thu, Dec 8, 2016 10:25 am  
**Subject:** Last credible sighting of a female jaguar in Arizona

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The issue has re-emerged because of the sighting of likely a new individual on Ft. Huachuca.  
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Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978

## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Thursday, December 08, 2016 12:03 PM  
**To:** 'Packwood, Hayden'  
**Subject:** RE: Jaguar photo inquiry

Can I give you a call, that's a lot of ground to cover?

Mark

---

**From:** Packwood, Hayden [mailto:hpackwood@12NEWS.COM]  
**Sent:** Thursday, December 08, 2016 11:44 AM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** Jaguar photo inquiry

Hi Mark,

I'm with 12 News (KPNX) in Phoenix. We've had a lot of interest in the recent jaguar sighting in southeastern Arizona from our audience. I was wondering if the department had access to more/past photos of other sightings and facts about the big cat's history in Arizona that you could send me?

Anything would be appreciated.

Thanks so much!

Hayden Packwood  
*Digital Producer*



A **TEGNA** Company | 200 E. Van Buren, Phoenix, AZ 85004  
[hpackwood@12news.com](mailto:hpackwood@12news.com) | C. 480.341.2574 | @hi\_imhayden | 12news.com

## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Thursday, December 08, 2016 12:05 PM  
**To:** 'Packwood, Hayden'  
**Subject:** RE: Jaguar photo inquiry

Here's a place to start:

[https://www.flickr.com/photos/usfws\\_southwest/sets/72157632294203147/](https://www.flickr.com/photos/usfws_southwest/sets/72157632294203147/)

---

**From:** Packwood, Hayden [mailto:hpackwood@12NEWS.COM]  
**Sent:** Thursday, December 08, 2016 11:44 AM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** Jaguar photo inquiry

Hi Mark,

I'm with 12 News (KPNX) in Phoenix. We've had a lot of interest in the recent jaguar sighting in southeastern Arizona from our audience. I was wondering if the department had access to more/past photos of other sightings and facts about the big cat's history in Arizona that you could send me?

Anything would be appreciated.

Thanks so much!

Hayden Packwood  
*Digital Producer*



A **TEGNA** Company | 200 E. Van Buren, Phoenix, AZ 85004  
[hpackwood@12news.com](mailto:hpackwood@12news.com) | C. 480.341.2574 | @hi\_imhayden | 12news.com

## James Driscoll

---

**From:** James Driscoll  
**Sent:** Thursday, December 08, 2016 12:16 PM  
**To:** Bill Vanpelt (BVanpelt@azgfd.gov)



Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581  
Cell: 602-541-8812  
Fax: 623-236-7926

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## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Thursday, December 08, 2016 12:28 PM  
**To:** [REDACTED]  
**Subject:** RE: 1963 female jaguar

[REDACTED] can you give me a call about this?

Thank you,

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978



**From:** [REDACTED]  
**Sent:** Monday, February 29, 2016 2:45 PM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** 1963 female jaguar

Dear Mark,

I just thought I'd give you a heads up that your comment here <https://news.azpm.org/p/state-and-local/2016/2/26/82874-jaguar-video-reinvigorates-debate-about-land-use-in-santa-rita-mountains>

about the 1963 female jaguar has raised eyebrows among those of us who suspect, based on very strong documented evidence including criminal court records, AGFD internal documents and world-class expert opinion, that she had been transported in a cage and released into the White Mountains some time prior to her accidental discovery on a legitimate hunt by Terry Penrod. This evidence is documented here --

<http://www.sacpaaz.org/wp-content/uploads/2014/03/Prock-time-inc-3-Aug-2010.pdf>

The comments AGFD submitted in opposition to the jaguar critical habitat designation correctly reject the dubious 1963 female, and instead recognize the female jaguar Mr. Walter Noon killed in 1949 near Nogales as the last possible naturally-occurring female jaguar to occur in Arizona. (That said, there is no evidence supporting any claim that she arrived by natural means, either.)

Therefore I wonder why you would imply to a news reporter that the Penrod jaguar's mysterious appearance (which was in an unlikely location at over 9,500 feet altitude in unlikely spruce-fir habitat and hundreds of miles from the nearest known jaguar population), was the result of natural processes. Perhaps you are confused by the AGFD's 2011 Jaguar Conservation Assessment. Despite some confusing errors therein, the authors nevertheless acknowledge in footnote 11 that the AGFD's own experts at the time opined that the jaguar was likely of foreign origin. David Brown likewise does not regard this record as reliable for habitat modeling.

With all the conflicting information internal to your own department, I imagine that it can be very confusing. The official comments AGFD submitted to FWS, however, are exceptionally well written and reliable.

Best regards,

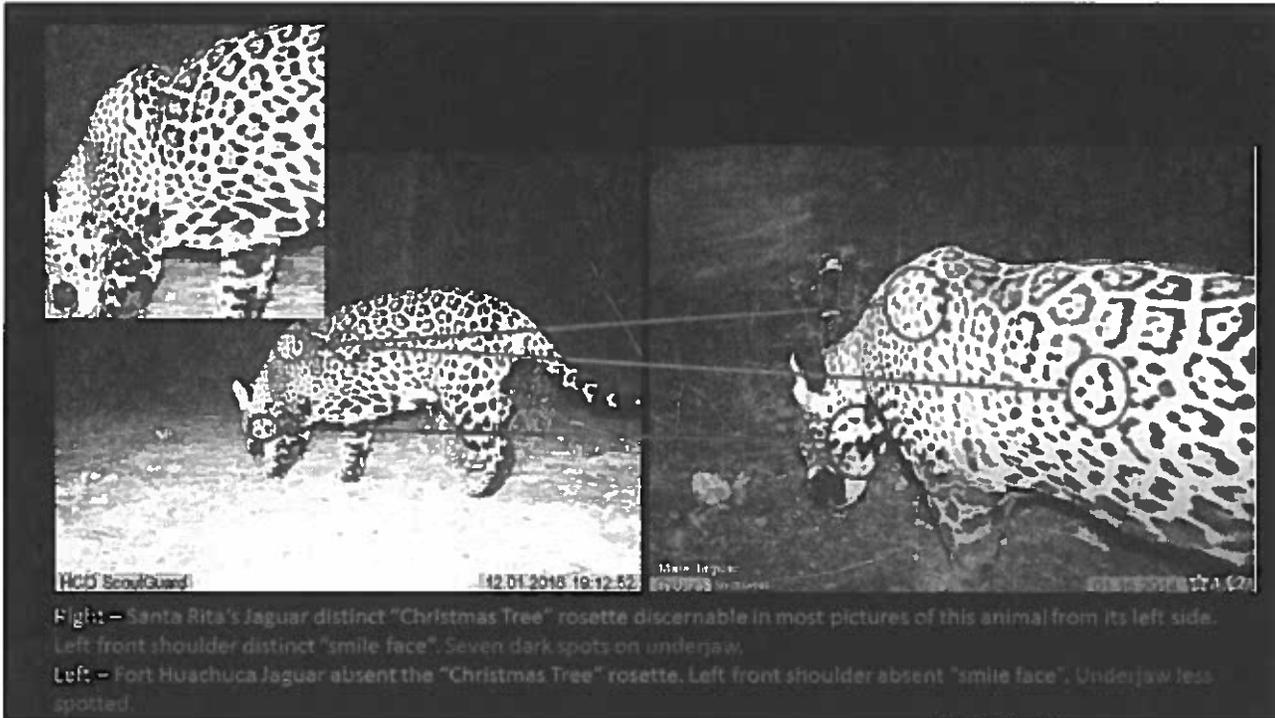


--

*Be very suspicious of hacker spam if you get a link from me that does not show the website address.*

## James Driscoll

**From:** James Driscoll  
**Sent:** Thursday, December 08, 2016 12:32 PM  
**To:** Bill Vanpelt (BVanpelt@azgfd.gov)



Thanks,

Jamey Driscoll  
Nongame Birds and Mammals Program Manager  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581  
Cell: 602-541-8812  
Fax: 623-236-7926

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## James Driscoll

---

**From:** Bill Vanpelt  
**Sent:** Thursday, December 08, 2016 12:46 PM  
**To:** 'Carlos A Lopez Gonzalez'  
**Cc:** James Driscoll  
**Subject:** RE: Jaguar photos and cross border movement

Thanks for the quick response. Go ahead and check with the NJP. I think we need to start the discussions again at the Trilateral about starting up a database for comparisons. Are you getting ocelot pictures? Like I said we have pictures of 4 different individuals we could share with you.

Bill Van Pelt  
WAFWA Grassland Coordinator  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086  
bvanpelt@azgfd.gov  
623-236-7573 Office  
623-236-7926 Fax



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**From:** Carlos A Lopez Gonzalez [mailto:caro-mex@gmail.com]  
**Sent:** Thursday, December 08, 2016 12:43 PM  
**To:** Bill Vanpelt  
**Cc:** James Driscoll  
**Subject:** Re: Jaguar photos and cross border movement

Hi Bill!!

Yes.. I have seen a couple....they do seem different individuals

Ajos has some cameras ... we are checking with them regarding wether or not its the same animal. I know there is at least one rancher near Moctezuma that has cameras out...let me check with him...

I know Tom VanDevender is looking into this too. At NJP they are trying to match old photos with the Santa Ritas jag too...

Do you want me to get you in touch with NJP?

Cheers!

Carlos

PS -- good to hear from you man!

On Thu, Dec 8, 2016 at 1:37 PM, Bill Vanpelt <[BVanpelt@azgfd.gov](mailto:BVanpelt@azgfd.gov)> wrote:

Hello Amigo!

Hope things are going good. I am sure you have probably seen we have had a jaguar show up in the Huachuca this week. We have looked at the spot patterns and believe it is a different animal from the one photographed in the Santa Ritas over the last couple of years (see spot pattern comparison). Do you concur?

I was wondering if you or anyone down in Mexico is getting any photographs of these animals in Mexico? We also have 4 different ocelots we have photos of from the same mountain range. I copied Jamey Driscoll in this message. He has receives all the cat photos since he has my old Program Manager job. We would really like to collaborate and try to identify a cross border link.

I look forward to your response.

Bill Van Pelt

WAFWA Grassland Coordinator

Arizona Game and Fish Department

5000 West Carefree Highway

Phoenix, Arizona 85086

[bvanpelt@azgfd.gov](mailto:bvanpelt@azgfd.gov)

623-236-7573 Office

623-236-7926 Fax

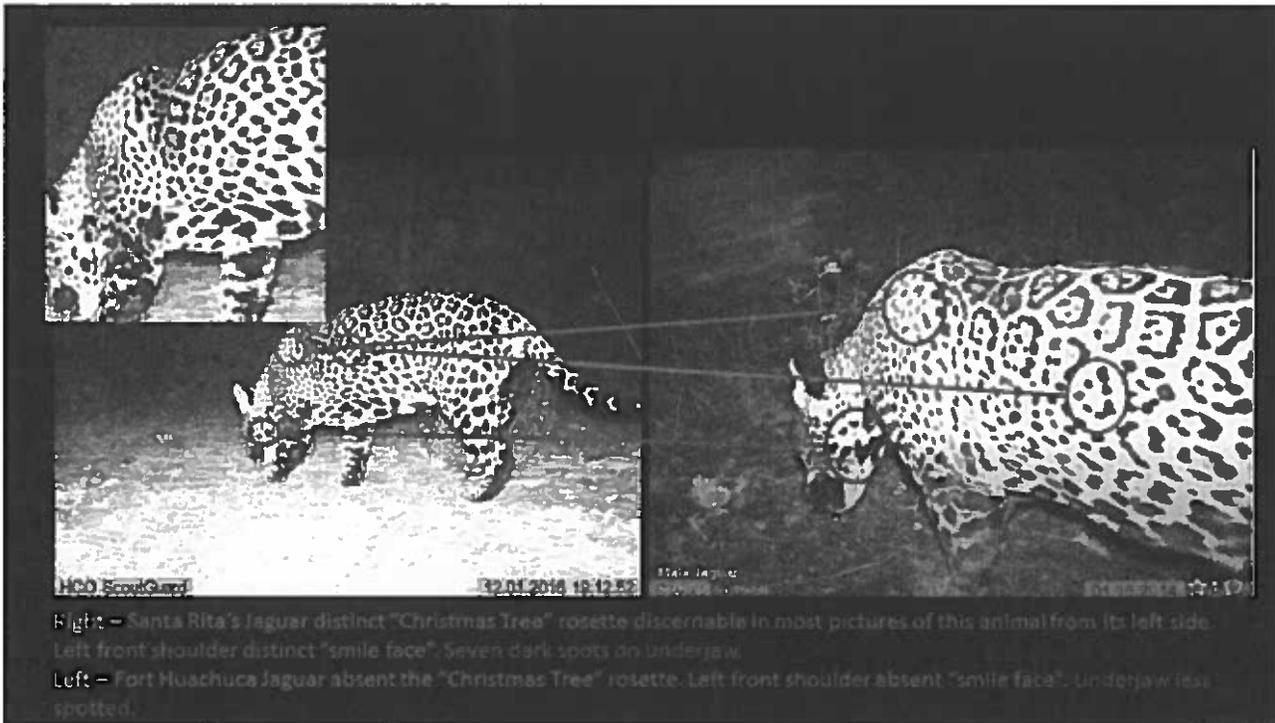


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---

**From:** James Driscoll  
**Sent:** Thursday, December 08, 2016 12:32 PM  
**To:** Bill Vanpelt  
**Subject:**



Right – Santa Rita’s Jaguar distinct “Christmas Tree” rosette discernable in most pictures of this animal from its left side. Left front shoulder distinct “smile face”. Seven dark spots on underjaw.  
Left – Fort Huachuca Jaguar absent the “Christmas Tree” rosette. Left front shoulder absent “smile face”. Underjaw less spotted.

Thanks,

Jamey Driscoll

Nongame Birds and Mammals Program Manager

Arizona Game and Fish Department

5000 West Carefree Highway

Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581

Cell: 602-541-8812

Fax: 623-236-7926

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--

----

Dr. Carlos A. Lopez Gonzalez  
Profesor-Investigador  
Universidad Autonoma de Queretaro  
Cerro de las Campanas S/N,  
Col. Las Campanas  
Queretaro, Qro. C. P. 76010  
Tel. 442-192-1200 ext 5341



"Conservation without money is just conversation!" (Former IUCN President)

"If you want the job done right, hire a mammalogist." (Jim Findley)

"There's no such thing as a free lunch." (Milton Friedman)

## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Thursday, December 08, 2016 2:30 PM  
**To:** 'Christine Goodfriend'  
**Subject:** RE: News Release: Jaguar photograph taken by Fort Huachuca trail camera

Sorry, Christine. There is no video.

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978

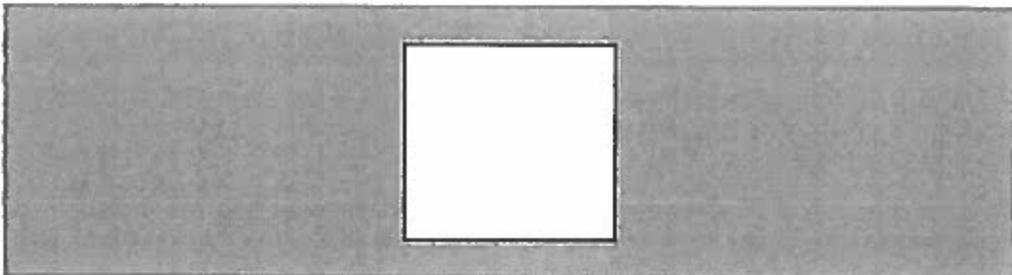


**From:** Christine Goodfriend [mailto:Christine.Goodfriend@FOXTV.COM]  
**Sent:** Thursday, December 08, 2016 2:26 PM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** FW: News Release: Jaguar photograph taken by Fort Huachuca trail camera

Hi Mark Hart, do you have video of this jaguar?  
Thank you very much,  
Christine Goodfriend  
Fox 10  
KSAZ TV  
602-262-5109

---

**From:** AZGFD [mailto:e-news@azgfd.gov]  
**Sent:** Wednesday, December 07, 2016 10:28 AM  
**To:** Christine Goodfriend  
**Subject:** News Release: Jaguar photograph taken by Fort Huachuca trail camera



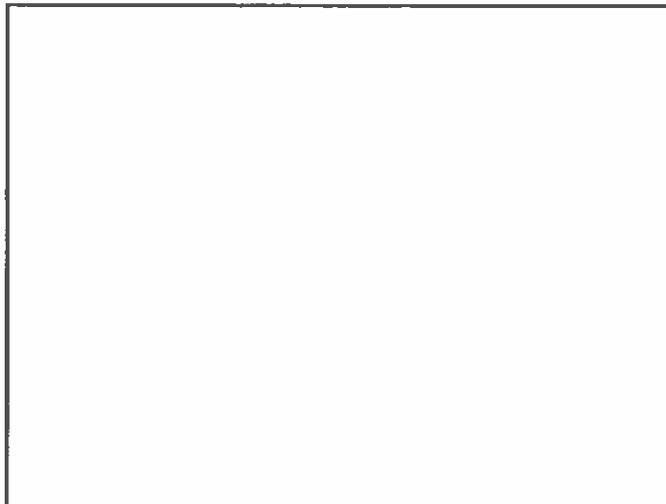
# GAME AND FISH NEWS

For immediate release, Dec. 7, 2016  
Arizona Game and Fish Department

Contact:  
Mark Hart  
Arizona Game and Fish Department  
Information and Education Program Manager  
(520) 388-4445, [mhart@azgfd.gov](mailto:mhart@azgfd.gov)

Lesli Gray  
U.S. Fish and Wildlife Service  
Public Affairs Specialist  
(972) 439-4542, [lesli\\_gray@fws.gov](mailto:lesli_gray@fws.gov)

## Jaguar photograph taken by Fort Huachuca trail camera



PHOENIX — The Arizona Game and Fish Department and the U.S. Fish and Wildlife Service recently received a photograph of a jaguar taken by a Fort Huachuca trail camera in the Huachuca Mountains. Fort Huachuca is a U.S. Army installation near Sierra Vista in southeastern Arizona.

“Preliminary indications are that the cat is a male jaguar and, potentially, an individual not previously seen in Arizona,” said Dr. Benjamin Tuggle, regional director for the Southwest Region of the U.S. Fish and Wildlife Service. “We are working with the Arizona Game and Fish Department to determine if this sighting represents a new individual jaguar.”

“While this is exciting news, we are examining photographic evidence to determine if we’re seeing a new cat here, or if this is an animal that has been

seen in Arizona before," said Jim DeVos, assistant director of the department's Wildlife Management Division. "We look forward to partnering with the U.S. Fish and Wildlife Service and thoroughly vetting the evidence."

AZGFD, USFWS and Fort Huachuca personnel will notify the public when the final determination is made.



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Arizona Game & Fish Dept. · 5000 W. Carefree Hwy, Phoenix, AZ 85086  
(602) 942-3000 · [www.azgfd.gov](http://www.azgfd.gov)





## Brittany Oleson

---

**From:** Brittany Oleson  
**Sent:** Thursday, December 08, 2016 8:18 PM  
**To:** James Driscoll  
**Subject:** RE: Comparative Analysis  
**Attachments:** OlesonJaguarAnalysis 12-8-16.pptx

Hello,

On 12-5-16, the day the Fort Huachuca photo was submitted, Tim Snow and I pulled up several photographs of the Santa Ritas jaguar and compared them to the new photos from the Huachucas jaguar. I have created a quick powerpoint slide highlighting the major spot groups that I used to identify the Santa Ritas jaguar over the past few years, and demonstrating the absence of those spot groups on the Huachucas cat. Let me know if you need anything else; I can certainly produce something more rigorous if desired, however the differences were so striking it seemed that pointing out just a few was sufficient. This cat is obviously a male, and appears to be of a larger build than the Santa Ritas jaguar we have been documenting over the past few years.

Brit

*Officer Brittany Oleson*  
Wildlife Manager I, GMU 35A/35B  
Arizona Game and Fish Department  
Region V - Tucson  
555 N. Greasewood Rd.  
Tucson, AZ 85745  
480-216-4488 (cell)  
[boleson@azgfd.gov](mailto:boleson@azgfd.gov)

---

**From:** James Driscoll  
**Sent:** Wednesday, December 07, 2016 10:24 AM  
**To:** Brittany Oleson; Tom Jones; Tim Snow; Josh Avey  
**Cc:** Jim deVos  
**Subject:** Comparative Analysis

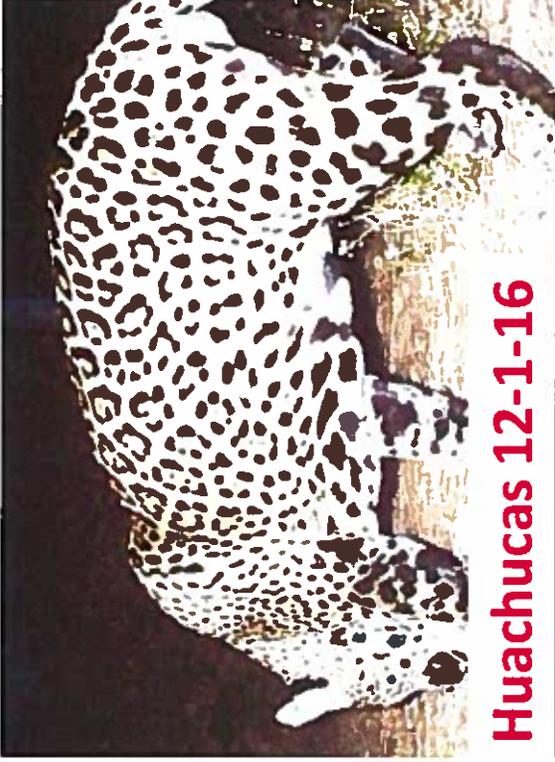
When each of you complete your comparative analysis, please send them to me for submission to Jim deVos.

Thanks,

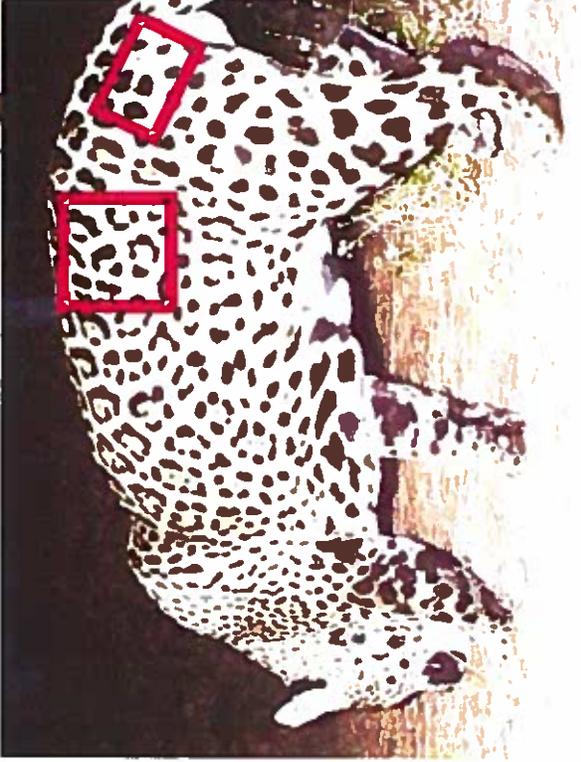
Jamey Driscoll  
Nongame Birds and Mammals Program Manager  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, Arizona 85086

*I apologize for the typos. I am a dyslexic typist.*

Office: 623-236-7581  
Cell: 602-541-8812  
Fax: 623-236-7926



**Huachucas 12-1-16**



**Santa Ritas 6-4-15**



## Brittany Oleson

---

**From:** Brittany Oleson  
**Sent:** Thursday, December 08, 2016 8:29 PM  
**To:** Mark A. Hart  
**Subject:** RE: Links to social media posts about jaguar  
**Attachments:** OlesonJaguarAnalysis 12-8-16.pptx

Hi Mark!

Sorry for the delay; I have been on Davis Monthan for the past few days for some pretty intensive active shooter training and I just have not been able to get on my computer much. Are you following the comments now?

Here is the quick analysis I just put together for James Driscoll if you're interested. We are getting ridiculed pretty heavily on social media for a) being so behind the ball on this press release, and b) for not immediately confirming that it's a new cat. I saw several people talking about how incompetent we must be if we cannot look at that photo and immediately tell it's a different cat, and many folks are posting their own analyses.

Brit

---

**From:** Mark A. Hart  
**Sent:** Wednesday, December 07, 2016 10:13 AM  
**To:** Brittany Oleson  
**Subject:** Links to social media posts about jaguar

If you have a moment, please send me some so I can see what they say. Slammed here at the moment with news release and liaison to Ft. Huachuca.

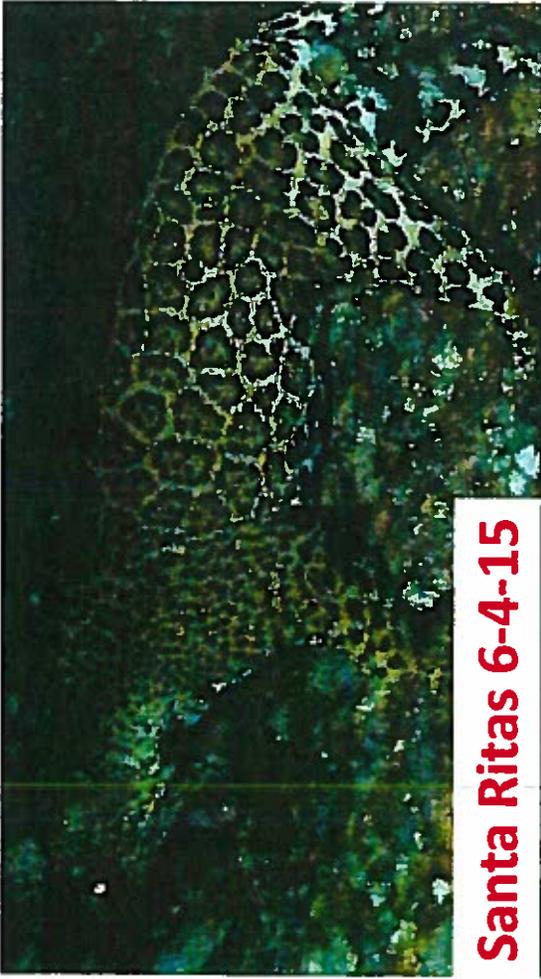
Thanks,

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978

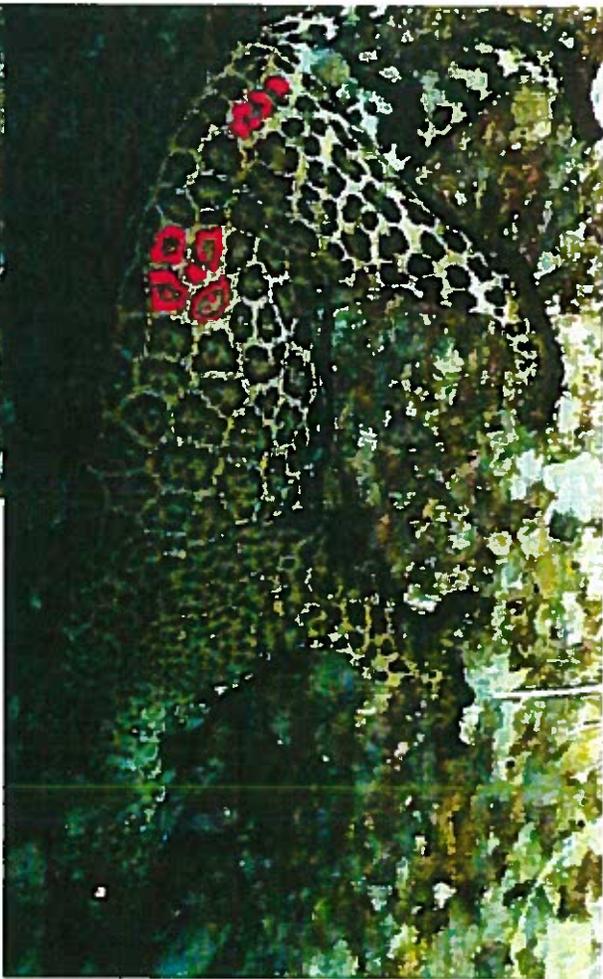




**Huachucas 12-1-16**



**Santa Ritas 6-4-15**



## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Friday, December 09, 2016 8:48 AM  
**To:** Raul Vega; Tim Snow  
**Subject:** FW: Links to social media posts about jaguar  
**Attachments:** OlesonJaguarAnalysis 12-8-16.pptx

Tim, this just confirms what we discussed yesterday. MH

---

**From:** Brittany Oleson  
**Sent:** Thursday, December 08, 2016 8:33 PM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** RE: Links to social media posts about jaguar

Hi Mark!

Sorry for the delay; I have been on Davis Monthan for the past few days for some pretty intensive active shooter training and I just have not been able to get on my computer much. Are you following the comments now?

Here is the quick analysis I just put together for James Driscoll if you're interested. We are getting ridiculed pretty heavily on social media for a) being so behind the ball on this press release, and b) for not immediately confirming that it's a new cat. I saw several people talking about how incompetent we must be if we cannot look at that photo and immediately tell it's a different cat, and many folks are posting their own analyses.

Brit

---

**From:** Mark A. Hart  
**Sent:** Wednesday, December 07, 2016 10:13 AM  
**To:** Brittany Oleson  
**Subject:** Links to social media posts about jaguar

If you have a moment, please send me some so I can see what they say. Slammed here at the moment with news release and liaison to Ft. Huachuca.

Thanks,

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978

## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Friday, December 09, 2016 8:51 AM  
**To:** Brittany Oleson  
**Subject:** RE: Links to social media posts about jaguar

I'm sure you're right. Please do continue to keep me in the loop about what you are seeing and hearing, as we can adjust media relations accordingly.

Mark

---

**From:** Brittany Oleson  
**Sent:** Thursday, December 08, 2016 8:33 PM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** RE: Links to social media posts about jaguar

Hi Mark!

Sorry for the delay; I have been on Davis Monthan for the past few days for some pretty intensive active shooter training and I just have not been able to get on my computer much. Are you following the comments now?

Here is the quick analysis I just put together for James Driscoll if you're interested. We are getting ridiculed pretty heavily on social media for a) being so behind the ball on this press release, and b) for not immediately confirming that it's a new cat. I saw several people talking about how incompetent we must be if we cannot look at that photo and immediately tell it's a different cat, and many folks are posting their own analyses.

Brit

---

**From:** Mark A. Hart  
**Sent:** Wednesday, December 07, 2016 10:13 AM  
**To:** Brittany Oleson  
**Subject:** Links to social media posts about jaguar

If you have a moment, please send me some so I can see what they say. Slammed here at the moment with news release and liaison to Ft. Huachuca.

Thanks,

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978

**Tim Snow**

---

**From:** Tim Snow  
**Sent:** Friday, December 09, 2016 9:22 AM  
**To:** [REDACTED]  
**Subject:** RE: ocelot

Thanks [REDACTED] I appreciate all your help. If any more show up, please let me know.

-- Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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**From:** [REDACTED]  
**Sent:** Thursday, December 08, 2016 4:40 PM  
**To:** Tim Snow  
**Subject:** RE: ocelot

Sir,

Sorry for the delay with these pictures.

Have a good one.

[REDACTED]

---

**From:** Tim Snow  
**Sent:** Monday, December 05, 2016 10:54:56 AM  
**To:** [REDACTED]  
**Subject:** RE: ocelot

Sorry [REDACTED] was out deer hunting all last week. This is definitely a jaguar. We have 5 photos from you (file names: 441.jpeg, 453.jpeg, 2131.jpeg, p\_000710.jpeg, and p\_004985.jpeg). I believe this is a new individual, but I am trying to

compare with previous photos. If you have any additional photos from those cameras that I can compare, please forward those to me. I will let you know what I can figure out.

Thanks a bunch,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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**From:** [REDACTED]  
**Sent:** Thursday, December 01, 2016 2:29 PM  
**To:** Tim Snow  
**Subject:** RE: ocelot

Here is one more.

**From:** [REDACTED]  
**Sent:** Thursday, December 01, 2016 11:35 AM  
**To:** 'Tim Snow'  
**Subject:** RE: ocelot

Sir,

I attached another picture that was taken this morning. Not sure if it is Ocelot #4 or something else. The location is roughly 1.5 miles north of the previous confirmed photos. Thank you for your assessment and please let me know if I can help.

Thank you,

Justin

**From:** Tim Snow [<mailto:TSnow@azgfd.gov>]  
**Sent:** Friday, November 04, 2016 10:43 AM  
**To:** [REDACTED]  
**Subject:** ocelot

[REDACTED] - I look forward to seeing the pictures. As I mentioned on the phone, there has currently been 1 individual that we are following (Ocelot #4). He has a boot-shaped rosette on his right side and a large chain of rosettes with a heart-

shaped rosette on his left side. After I receive your pictures, I should be able to determine if this the same individual. Also, Ocelot 4 was first photographed in 2012 and the most recent photo was October 10, 2016.

Thanks a bunch,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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## Mark A. Hart

---

**From:** Mark A. Hart  
**Sent:** Friday, December 09, 2016 10:51 AM  
**To:** 'Packwood, Hayden'  
**Subject:** RE: Jaguar story correction

Hayden, apology accepted and we are good. Jaguars in SE AZ is a great story, and I'm happy to get it told.

The only thing I would add is this: "In 1972, the jaguar was listed as endangered under the Endangered Species Conservation Act, a precursor to today's Endangered Species Act" or something to that effect.

BTW, violations of the Endangered Species Act are punishable by up to one year in prison and a \$100,000 fine.

Mark A. Hart  
Public Information Officer  
Arizona Game and Fish Department  
555 N. Greasewood Road  
Tucson, AZ 85745  
Office: (520) 388-4445  
Cell: (520) 282-0978



**From:** Packwood, Hayden [mailto:hpackwood@12NEWS.COM]  
**Sent:** Friday, December 09, 2016 10:31 AM  
**To:** Mark A. Hart <MHart@azgfd.gov>  
**Subject:** Jaguar story correction

Hi Mark,

Again, I want to sincerely apologize for not being upfront with you and thank you for giving me a call.

I changed the line - which if anyone shared our link on social media it'll be corrected there too.

Here's the corrected line:

"As the population in the state increased, the jaguar habitat shrunk more and more.

Hart said jaguars were a prized quarry and legally hunted until 1969 when it was banned by the Arizona Game and Fish Commission.

The big cat was protected and listed as an endangered species."

Does that sound OK?

Let me know of anything else you feel should be corrected and I can do that.

Thanks so much!

Hayden Packwood

*Digital Producer*



A **TEGNA** Company | 200 E. Van Buren, Phoenix, AZ 85004

[hpackwood@12news.com](mailto:hpackwood@12news.com) | C. 480.341.2574 | [@hi\\_imhayden](https://twitter.com/hi_imhayden) | [12news.com](http://12news.com)

## Tim Snow

---

**From:** Tim Snow  
**Sent:** Friday, December 09, 2016 11:50 AM  
**To:** 'Fernandez, Erin'; Carrillo, Christopher D - APHIS  
**Cc:** Bergman, David L - APHIS; [marit\\_alanen@fws.gov](mailto:marit_alanen@fws.gov); [scott\\_richardson@fws.gov](mailto:scott_richardson@fws.gov); [Steve\\_Spangle@fws.gov](mailto:Steve_Spangle@fws.gov); Burton, Valerie M - APHIS; James Driscoll  
**Subject:** RE: jaguar sightings - meeting Wed, Jan 18 at 10:00 at AESO-Tucson

Wednesday, Jan 18 works for me. I've also added Jamey Driscoll, in case he wishes to attend.

Thanks,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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**From:** Fernandez, Erin [[mailto:erin\\_fernandez@fws.gov](mailto:erin_fernandez@fws.gov)]  
**Sent:** Friday, December 09, 2016 11:43 AM  
**To:** Carrillo, Christopher D - APHIS  
**Cc:** Bergman, David L - APHIS; [marit\\_alanen@fws.gov](mailto:marit_alanen@fws.gov); [scott\\_richardson@fws.gov](mailto:scott_richardson@fws.gov); Tim Snow; [Steve\\_Spangle@fws.gov](mailto:Steve_Spangle@fws.gov); Burton, Valerie M - APHIS  
**Subject:** Re: jaguar sightings - meeting Wed, Jan 18 at 10:00 at AESO-Tucson

Oh yes, thank you (I was looking at a 2016 calendar).....Wed, **Jan 18** from 10-12.

-----  
Erin Fernandez  
Fish and Wildlife Biologist/Mexico Program Coordinator  
U.S. Fish and Wildlife Service  
Arizona Ecological Services Office  
201 North Bonita Avenue, Suite 141  
Tucson, Arizona 85745  
(520) 670-6150, extension 238  
(520) 670-6155 (fax)  
<http://www.fws.gov/southwest/es/arizona/>

On Fri, Dec 9, 2016 at 11:38 AM, Carrillo, Christopher D - APHIS <[Chris.D.Carrillo@aphis.usda.gov](mailto:Chris.D.Carrillo@aphis.usda.gov)> wrote:

Hello Erin,

January 20, 2016 is a Friday. Did you mean Wednesday, January 18, 2016?

Thank You,

Christopher D. Carrillo

District Supervisor

USDA/APHIS/WS

8836 N. 23rd Avenue, Suite 2

Phoenix, AZ 85021

(602)870-2081

[Chris.D.Carrillo@aphis.usda.gov](mailto:Chris.D.Carrillo@aphis.usda.gov)

**From:** Fernandez, Erin [mailto:[erin\\_fernandez@fws.gov](mailto:erin_fernandez@fws.gov)]

**Sent:** Friday, December 09, 2016 11:24 AM

**To:** Bergman, David L - APHIS <[David.L.Bergman@aphis.usda.gov](mailto:David.L.Bergman@aphis.usda.gov)>; [marit\\_alanen@fws.gov](mailto:marit_alanen@fws.gov); [scott\\_richardson@fws.gov](mailto:scott_richardson@fws.gov); Tim Snow <[TSnow@azgfd.gov](mailto:TSnow@azgfd.gov)>

**Cc:** [Steve\\_Spangle@fws.gov](mailto:Steve_Spangle@fws.gov); Carrillo, Christopher D - APHIS <[Chris.D.Carrillo@aphis.usda.gov](mailto:Chris.D.Carrillo@aphis.usda.gov)>; Burton, Valerie M - APHIS <[Valerie.M.Burton@aphis.usda.gov](mailto:Valerie.M.Burton@aphis.usda.gov)>

**Subject:** Re: jaguar sightings - meeting Wed, Jan 20 at 10:00 at AESO-Tucson

Hi all,

We propose to meet at our office in Tucson on Wednesday, January 20 from 10:00 to 12:00ish.

I believe this works for FWS and WS, but Tim, could you please let us know if this works for you. Dave will provide an agenda, but in general, this will be a meeting to coordinate on jaguar and ocelot detections, the WS annual report, etc.

Thank you,

Erin

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Erin Fernandez

Fish and Wildlife Biologist/Mexico Program Coordinator

U.S. Fish and Wildlife Service  
Arizona Ecological Services Office  
201 North Bonita Avenue, Suite 141  
Tucson, Arizona 85745  
(520) 670-6150, extension 238  
(520) 670-6155 (fax)  
<http://www.fws.gov/southwest/es/arizona/>

On Tue, Dec 6, 2016 at 4:14 PM, Bergman, David L - APHIS <[David.L.Bergman@aphis.usda.gov](mailto:David.L.Bergman@aphis.usda.gov)> wrote:

Hello,

I would like to request a meeting to discuss jaguars, based on the recent sightings in the Huachuca Mountains. Please let me know when we can set up a meeting.

Regards,

Dave

**David L. Bergman**

State Director

USDA APHIS Wildlife Services

8836 N 23 Avenue, Suite 2

Phoenix, Arizona 85021

(o) 602 870-2081

(f) 602 870-2951

[David.L.Bergman@aphis.usda.gov](mailto:David.L.Bergman@aphis.usda.gov)

[www.aphis.usda.gov](http://www.aphis.usda.gov)

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**Mark A. Hart**

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**From:** Mark A. Hart  
**Sent:** Friday, December 09, 2016 12:58 PM  
**To:** Raul Vega  
**Subject:** FW: More recent Jaguar photos

Does this say below "Mark Hart is the person to contact about photos of the jaguar in this area."

Mark

**From:** [REDACTED]  
**Sent:** Friday, December 09, 2016 12:46 PM  
**To:** [REDACTED] Mark A. Hart <MHart@azgfd.gov>  
**Subject:** More recent Jaguar photos

[REDACTED]

Mark Heart esta el hombre que puede ayudarle con mas photos de este jaguar nuevo en nuestro area.

[REDACTED]

[mhart@azgfd.gov](mailto:mhart@azgfd.gov)

Mark A. Hart

Public Information Officer

Arizona Game and Fish Department

555 N. Greasewood Road

Tucson, AZ 85745

Office: [\(520\) 388-4445](tel:(520)388-4445)

Cell: [\(520\) 282-0978](tel:(520)282-0978)



## Tim Snow

---

**From:** Tim Snow  
**Sent:** Friday, December 09, 2016 1:01 PM  
**To:** [REDACTED]  
**Cc:** Send Comments  
**Subject:** RE: Mexican jaguar sighting  
**Attachments:** OCELOTvsBOBCATvsSERVAL.pdf

[REDACTED] Thank you for taking the time to report your neighbor's observation. If you or your neighbor happen to see the cat again, please give me a call. In the meantime, I have attached a brochure showing the differences between all of the spotted cats. Please feel free to share this with your neighbor.

Keep in mind that jaguars are typically larger than mountain lions and three times the size of a bobcat. Those that have occurred in Arizona, such as the one recently seen in the Huachuca Mountains, typically weigh between 150-250 lbs (bobcats roughly 35 lbs). While it is not inconceivable for a jaguar to be in the foothills of the Catalinas, the likelihood of such an event this close to the rural area would be extremely rare. Most reported observations turn out to be mountain lions, bobcats, or even large housecats. This is not to say that what was observed in this case was not a jaguar. I am merely pointing out the rarity of such an occurrence.

Thanks again and let me know if you have any questions,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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**From:** [REDACTED]  
**Sent:** Tuesday, November 22, 2016 10:37 PM  
**To:** Send Comments  
**Subject:** Mexican jaguar sighting

**Name:** [REDACTED]  
**City:** Tucson

State: AZ

Zip: 85718

Area: Tucson

Email: [REDACTED]

Subject: Mexican jaguar sighting

Comment: We live near [REDACTED] - SW of corner and a neighbor sighted a Mexican jaguar in our wash. It is the wash that crosses [REDACTED]  
This was November 8. We thought you would like to know!!

Type: Other

Regarding: Other

Phone: [REDACTED]

## Tim Snow

---

**From:** Tim Snow  
**Sent:** Friday, December 09, 2016 1:39 PM  
**To:** 'Fernandez, Erin'  
**Cc:** Brewer, Debbie A CIV (US); Jason Douglas (Jason\_Douglas@fws.gov); Scott Richardson (scott\_richardson@fws.gov); Rohr, Dawn R CIV (US); James Driscoll; Marit Alanen  
**Subject:** RE: Detection (UNCLASSIFIED)

I was wrong on that one. He was observed on 11/29 @ 2131, then on 12/1 1.5 miles north @ 0441 and 0453, and then the Fort on 12/1 @ 1912.

-- Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449



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**From:** Fernandez, Erin [[mailto:erin\\_fernandez@fws.gov](mailto:erin_fernandez@fws.gov)]  
**Sent:** Friday, December 09, 2016 1:30 PM  
**To:** Tim Snow  
**Cc:** Brewer, Debbie A CIV (US); Jason Douglas ([Jason\\_Douglas@fws.gov](mailto:Jason_Douglas@fws.gov)); Scott Richardson ([scott\\_richardson@fws.gov](mailto:scott_richardson@fws.gov)); Rohr, Dawn R CIV (US); James Driscoll; Marit Alanen  
**Subject:** Re: Detection (UNCLASSIFIED)

Hi Tim,

You mention that the jaguar moved back to south, so Debbie and I were wondering what time he was detected to the south. Was he picked up by a BP camera on the CNF again? We can call if you prefer to discuss over the phone.

Thank you!

Erin

Erin Fernandez  
Fish and Wildlife Biologist/Mexico Program Coordinator  
U.S. Fish and Wildlife Service  
Arizona Ecological Services Office  
201 North Bonita Avenue, Suite 141  
Tucson, Arizona 85745  
(520) 670-6150, extension 238  
(520) 670-6155 (fax)  
<http://www.fws.gov/southwest/es/arizona/>

On Mon, Dec 5, 2016 at 5:26 PM, Tim Snow <[TSnow@azgfd.gov](mailto:TSnow@azgfd.gov)> wrote:  
Awesome Debbie. This is much clearer and easier to see that this guy is a different/new individual. First detection was 11/29 to the south, then your photo, and then back to the south.

I will give you a call, most likely tomorrow.

Per our protocols, USFWS, USFS, and Wildlife Services have all received notification of this animal in the area.

Thanks again,

Tim

Tim K. Snow  
Region V Terrestrial Wildlife Specialist  
555 N. Greasewood Road  
Tucson, AZ 85745  
(520) 388-4449