

# Arizona Section Newsletter



November 2011



## Inside this issue:

President's Message	2
Rangeland CPR	2
Auction Items Needed	3
Arizona Section Website	3
Director Reports	4 - 5
AZ Section in the "Nifty Fifties"	5
Ipads for Old Farts	6, 11, 12
UA Range Club	7
Nominations for AZ Section Awards	7
NRCWAY a Success	8
Capital Campaign	9
AZ 4-H Pledge	10
2012 Director Candidates	13
Field Follies	14
SRM Annual Meeting	15

## *President's message:*

Greetings,

There is a real need to improve forest and rangeland health here in Arizona. Your participation is welcomed and appreciated. The challenges already presenting themselves are climate change and the economy. Are there niche markets out there that we can be made aware of?

I recently read an interesting article by Dennis Moroney published in Arizona Wildlife. Very insightful, informative, engaging and challenging. If you have observations and ideas, we welcome them.

The monsoons came and went. Some areas of the State received good rainfall and got warm-season forage production while other areas didn't get normal amounts. In my area, overall forage production has been lower than last year when we had good snowfall and spring rain, in addition to the monsoons. As I write this though, we are drying out and the fire danger is rising again.

The Winter Planning efforts are moving forward. The meeting will take place Jan 18-20 2012 at the Sheraton 4 Points in Tucson. The working theme is: Rangeland CPR: Common sense, Practical applications and management Relevant research.

Possible sessions include: "with wildfire", and "applied grazing as a restoration tool." Doug has been seeking out topics and assistance. Please give him a hand.

The winter meeting has many facets that need mentors and helpers.

I especially look forward to a session by the Ranchers Committee and the Native Range Programs. The National SRM will be in Spokane and will be expanding the numbers of days dedicated to Native Ranges.

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## **Rangeland CPR:**

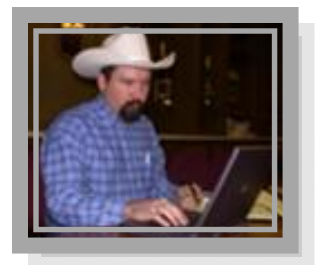
The Arizona Section Winter Meeting will be held in Tucson at the Sheraton 4 Points near the U of A campus on Speedway and Campbell.

Dates are Wednesday, January 18 to Friday, January 20, 2012. the theme for this years' meeting is:

Rangeland CPR: Common sense, Practical solutions, and management Relevant research.

We will start off Wednesday evening with our annual business meeting. The winter meeting committee is currently confirming speakers for two technical sessions on Thursday of the meeting. the first will deal with rangeland

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*President's Message....continued*

Once again I repeat the call for reenlisting members. Some people may not realize the value of the Society in their professional careers. The National organization has supported us by providing Continuing Education credits. The Section is where peer review occurs as we exchange information on what we're involved in. This is where we grow as good stewards of the land.

*Don L*

*Rangeland CPR.... continued*

management before, during and after wildfire. Second will be a session aimed at using livestock grazing as an ecological restoration tool.

These sessions will start with a keynote speaker to set up the topic followed by specific presentations, and then a panel discussion/Q&A period with all the speakers in that session. Plans for Friday morning are currently to take a field trip to a nearby place of interest. Suggested sites include the Santa Rita Experimental Range, Biosphere II, the Sonoran Desert Museum, or possibly one of the wildfires in SE Arizona.

One of the highlights each year at the winter meeting is Thursday night with the auction and the banquet. This year will be no exception as rumor has it that our auctioneer extraordinaire is already gearing up to be in rare form. He will have his work cut out for him to try and get bids for one item in particular: a 1 hour acoustic guitar concert anywhere in Arizona during the year 2012, by yours truly. For an example performance, go to:[http://cals.arizona.edu/aes/vbarv/video\\_ThingsAint.html](http://cals.arizona.edu/aes/vbarv/video_ThingsAint.html) We have also confirmed that Shane Burgess, Dean of the College of Agriculture and Life Sciences at the U of A will be our banquet speaker. Dr Burgess is an excellent speaker and I am sure you be interested to hear his thoughts on agriculture and natural resource education in the future.

We will send out email announcements as speakers and sessions are firmed up over the next couple weeks. We will also post websites and instructions to register for the meeting (~\$125) and make room reservations (\$90, which meets federal per diem for Tucson in January). And did I mention that registration for the meeting (except the banquet) is FREE to high school and undergraduate students?

Hope to see ya there,

Doug Tolleson  
President Elect

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## Auction Items Wanted!



Wanted: new or gently used items for the Annual Auction at the Winter Meeting. The auction is a fundraiser to provide scholarships for college and NRCWAY youth camp.

We will accept gifts/trinkets/art/music/ etc. from local shops or nonmember artisans. provide scholarships for college and NRCWAY youth camp. All items are tax deductible and we can provide a vendor with a TAX ID number if needed. For more info, contact Clare Hydock 928-635-5623 office 928-606-1265 cell, or [chydock@fs.fed.us](mailto:chydock@fs.fed.us).

## Check out our Arizona Section Website!

Have you ever wondered what the board of Directors has been up to between our general meeting?

Have you ever wondered how to get in contact with a member of the board, but don't have their contact information?

Well our section website has the answer!  
Visit <http://azrangelands.org/>

Our website has copies of the recent meeting minutes from our Board of Director meetings, a contact list of all of the members of the board, copies of our recent newsletters, and much, much more!  
Check it out!



We need photos for our newsletter banner! Each issue will feature a picture from a section member capturing our wonderful Arizona rangelands. This issue's photo was submitted by the V Bar V Range Program. Submit your photo to [AZSRMnewsletter@gmail.com](mailto:AZSRMnewsletter@gmail.com)

## Directors Reports

### Newest importer of US Water supply

I read an article the other day from Associated Press, "Mexico May Soon Be Sending the U.S. Water". Increased curiosity sent me on a search for more information. Four US Water districts are in communication with Mexico to potentially build desalination plants South of San Diego. The proposal would supply water for 300,000 homes on both sides of the border at a tune of 150 million gallons a day. Drought stricken Colorado River, with allocations between US and Mexico that exceed its capacity, has caused problems providing water throughout the southwest. US approved small scale desalination plants throughout the country, none of which will be as large as this proposed project. US has a complex relationship with Mexico, if this plan proceeds, our relationship will become much more interesting. Stay tuned.

Jamie Wages, Director North

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### Supplementing in the South

Thanks to Rachel Thomas and her excellent updates, I am aware that the Hereford RC&D board is finally making some progress in efforts to continue Coordination with the US Fish and Wildlife Service on amended designation of critical habitat for several federally listed species, including native fish and Chiricahua leopard frog.

Several Arizona SRM members have been tasked with trying to contact, either by e-mail or phone, persons whose Society membership has expired. Thanks to Clare and Jaime for making excellent progress along those lines, and I expect to be in that mix soon.

It's a little dry in southern Arizona right now, though expected this time of year. If there is good news about dry conditions across our rangelands, it is that forage nutrition will remain stable and consistent for some time. Unfortunately, the bad news is that while many areas produced average herbaceous and woody production, the availability of vital earth tank water is very limited, making dependable permanent water sources more critical as we move into the winter months. Predictions for a dryer than normal winter do not bode well for additional seasonal water sources.

Anticipating the nutritional cumulative effects to the cow herd from a dry winter and late summer forage growth period, I tried the advice offered from Cargill at the Summer SRM meeting. After discussing my situation and concerns about cumulative protein and mineral deficiencies in the cow herd with Cargill staff, I began using Nutrena ARP Mineral block as both an attractant and supplement on excellent condition, actively growing rangelands. My partner and I both felt that the response by the lactating cows with smaller calves was excellent, with obvious changes in both milk production and fleshiness of the cow. Calves appear to be the big winners, and in the last 30 days have visually increased in weight gain. Consumption of the trace mineral supplement, in block form, was consistent across the pasture. Continuing to provide excellent, clean water and distributing blocks to encourage optimum range distribution and forage use was also essential.

With forage curing, and with a planned pasture move into more browse forage, we have shifted to the Cargill Fortified Range Block with 20% Crude Protein, again using this supplement as a distribution tool along with a means of maintaining crude protein levels as cattle are moved into fresh pasture. Calf condition and apparent weight gain, along with cow condition, tell us this was a sound choice both



economically as well as nutritionally for the cow. The real test will be the actual numbers on calf weights and how the cows respond this winter and spring.

Looking forward to attending the 10th Annual Quivira Coalition conference in Albuquerque, NM the second week of November. I am aware there are scholarships for attendance to the conference offered to either University of Arizona or Arizona State University range students, either undergraduates or graduates. An interested student needs to simply apply on-line at the Quivira website, and request assistance.

Frank  
Director South

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### **Arizona Section in the 'Nifty Fifties'**

I thought I would take this opportunity to share what was learned after reviewing the historical files of the 1950s. I should also note that some research in the Journal of Range Management (JRM) online was very useful. The early editions of the JRM had a part called 'With the Sections' that reported on activities and meetings. What led me to the JRM was a 1958 Arizona Section newsletter stating there would be a write-up on the National Meeting held in Phoenix.

#### **National Meeting:**

In terms of the 1950s, I believe the most significant event was hosting the 1958 National Meeting in Phoenix. At this time, the Arizona Section was the largest in the country, with 290 members. The meeting has held at the Westward Ho located downtown - the tallest building in Arizona until 1960. This building is something of a landmark for downtown Phoenix; when it opened in 1928 it was visited by celebrities and politicians alike. The most noteworthy of visitors was President John F. Kennedy.

There is a rather comical description of the national meeting in the section newsletter, it states, "just about everything went off in great shape, and nearly everyone went home happy. We did have a little mix-up as to who was to pay for the "free" beverages at the "Bull-session" just before the annual banquet. We were supposed to go "Dutch-treat" but the tenders refused our money, telling us that "it had been taken care of." We were somewhat embarrassed later to be presented with a billing in the amount of \$600. It has all been settled since without blood-shed". As I understand it from the context of the newsletter, the Westward Ho paid the bill.

#### **Leadership:**

The first president of the Arizona Section was Robert R. Humphrey. Dr. Humphrey accepted a position as Associate Professor of Botany and Range Ecology at the University of Arizona in 1948 and after retirement remained at the University on a part-time basis. In 1974, his book titled 'The Boojum and Its Home' was published on the Boojum tree (*Fouquieria columnaris*).

#### **Awards:**

In 1956 the range management student scholarship was activated at the University of Arizona. The first recipient of the award was John Tixier, who went on to become President of the SRM in 1991. It wasn't until 1959 that the awards committee set up the Range Management Man of the Year Award, which is now the Range Manager of the Year Award.

Willie Sommers, Arizona Section Historian

## iPADs for OLD FARTS

Frank Hayes and Larry Humphrey

No, this article is not about a new type of Depends product for older gentlemen and ladies, but it is about a new product that can help us older folks. Anyone who has to be reminded how to delete calls and messages off your cell phone probably can be considered an “old fart”, and generally age is not the sole criteria for this classification. Dyslexia related to the use of all electronic gadgets is generally a pretty good criterion to consider. However, there is hope for some of us, especially those who can remember when the newest calculator cost \$80 and took D batteries!



I, meaning the Frank part of this article, was first introduced to iPad technology when Russell Hardy, part owner and technical wizard of Ponderosa Aviation and Avionics, handed me this thin black case while flying to a fire in southern Arizona last spring. Miraculously on this light 6”X 9” screen was a GPS tracking designator moving real time over a superb topographic map. Suddenly real time GPS availability provided instant locations (no more wondering if we really were in Mexico!) on a screen that was visible and practical for use.



A trip to Florida with the Incident Team using this same technology for FAA flight following, and realizing the basic capabilities of the iPad 2, 3G with Wi-Fi as a tool for Air Tactical operations was just the beginning. Knowing that Ponderosa planned to install iPad technology into their Air Tactical aircraft meant it was time to get with this program. While the learning curve was steep for this old dog, having capable help from Ponderosa specialists and intuitive support quickly began to open doors for the use of this tool to accomplish a number of known and unknown applications. Apple provides a diverse number of basic applications with the initial purchase, but also has many additional applications for low cost. My initial use was relatively simple, accurate fire locations and size (using a relatively inexpensive ESRI Arc GIS application, weather tracking and airport locations, to more complicated site-specific retardant mapping using a variety of functions in the GAIA GPS topographic mapping application. Though active with either cell coverage or Wi-Fi coverage, cached maps make this function efficient and accurate any place in the USA. Suddenly for Frank the ease of use of this tool made the basic and often complex jobs of an Air Attack much simpler and more effective.

Then enters Humphrey, who believe it or not, really is a techno-wizard. Of course Larry shows up at a meeting we jointly attended, really proud of his iPhone with almost all the same applications as I had on my iPad, except not good GPS, and you have to carry an 8” magnifying lens to read it (you do if you classify as an “old fart!). But he of course Larry sees more value in the iPad 2 than I do (that’s because his fabulous wife has had an iPad basic for ever). So..... in no time Hump has purchased one, and has downloaded about every application you can find to help with monitoring range and soils related field work.

So Larry and Frank palaver on this creation and download actual field forms and even field test this tool. Wonders never cease. Not only can we actually record on standard forms in PDF format (and erase mistakes too!), we can even take a great digital photo, label it right on the spot, and even e-mail it back home if we need to. And it has not ended there.

Now, I carry just the iPad.

*Continued on Page 11*

## **UA Range Club: Recap and Outlook for the School Year**

By Kelsey Hawkes

Since the AZ Section summer meeting in August, Tierra Seca has been on its toes with activities. Starting out the new school semester with great energy, the club spent an evening playing kickball against The Wildlife Society/American Fisheries Society club, and though we did not keep score nor limit the number of innings, it was clear that the range students dominated the game. On October 29th, 2011, Tierra Seca found itself in yet another competition at the RISE (Research Insights of Semi-Arid Ecosystems) Symposium, but on this occasion our opponent was "time" itself, as we raced to secure the attendees with coffee on-time (a similar obstacle the club encountered at the AZ Section summer meeting as many may remember). However, the group managed to pull it together and deliver enough caffeine to keep smiles on everyone's faces throughout the event.

Nine of Tierra Seca's students have also been working hard week by week to prepare for the 65th annual Society for Range Management meeting and Undergraduate Range Management Exam (URME) in January-February 2012. The group encompasses seven students from the range program, one from the wildlife program, and one from the watershed program of the School of Natural Resources and the Environment (SNRE). We hope to give the University of Arizona team a good name this year and send some of our graduating students off with connections to the professional world to help them in their future careers. The club hopes to finish off the school year with a trip back to the V Bar V Ranch, and fill in the remaining time with activities that are both fun and advantageous to our experience with rangeland ecology and management.

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### **Nominations for 2011 Arizona Section Awards are due November 21, 2011**

It's time again to start submit your nominations for the 2011 Arizona Section Awards. There are four award categories:

- ◆ Range Manager of the Year
- ◆ Professional and Technical Guidance Award
- ◆ Outstanding Service
- ◆ Outstanding Young Range Professional.

Award nomination forms can be found on the Arizona Section Society for Range Management website at <http://azrangelands.org/>

Please contact me James Hetiholt with questions regarding awards nomination or if you need additional time to prepare your nomination. Please send your nominations to:

James Heitholt, Awards Committee Chairperson  
5990 S. Hwy 92  
Sierra Vista, AZ 85615  
520-803-2830

## NRCWAY A SUCCESS!

The 2011 Natural Resource Conservation Workshop (NRCWAY) was a success with 21 students and many staff members enjoying the outdoors while learning about Arizona's natural resources at Mingus Springs Camp. The theme this year was water and watersheds. Students learned the importance of water quality and quantity, the physical properties of water, and how watersheds function. The students worked in groups throughout the week studying, measuring, and photographing their area of a wetland. They developed a presentation on the health of their wetland and some had recommendations to improve the state of the wetland. These posters developed by the students were on display at the Summer Meeting of the Arizona Section, Society for Range Management.

The students did a great job on their service projects this year. First year students assisted in measuring sediment build up in a retention dam and cleaned out the sports equipment shed. Returning students built three rock dams, photo monitored projects from previous years, and measured channel cross sections in the creek. Swimming and fishing in the pond were popular free time activities, along with geocaching, birdwatching, and photography.



The 2012 workshop will be held June 25-29.  
If you are interested in helping out during the week, please  
contact Kim McReynolds, 520-766-3602,  
[kimm@cals.arizona.edu](mailto:kimm@cals.arizona.edu).



## MINGUS SPRINGS CAMP & OUTDOOR LEARNING CENTER CAPITAL CAMPAIGN

The University of Arizona Cooperative Extension and Arizona 4-H have a unique opportunity to purchase the Mingus Springs Camp facility located on Mingus Mountain adjacent to the Prescott National Forest. The camp facility would be available for use by all Extension groups and other organizations. The facility is currently valued at \$1,000,000 and the Dahlberg Foundation is willing to gift Arizona 4-H \$575,000 toward the purchase, should it happen before the end of 2011.

Arizona 4-H has identified the camp purchase as a priority, not only because we may not again have the opportunity, but because 4-H Camping programs address national No Child (and Adult) Left Inside initiatives and expand Natural Resources and Environmental Education curricular areas. Camping programs have consistently demonstrated a significant impact on children's skills and development.

To achieve the goal of purchasing the camp, the Arizona 4-H Program & the Arizona 4-H Youth Foundation kicked off a capital campaign in September to raise \$425,000. In just over one month we have contributions and pledges totaling \$188,000. The 4-H Camp will provide an environment where a new generation of 4-H'ers can connect with nature and engage their minds through hands-on learning. Attached is a pledge/donation form to help make the camp a reality. We hope you will join us and be an important and lasting part in securing our 4-H camping future.



Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Kirk A. Astroth, Interim Director, Cooperative Extension, College of Agriculture Life Sciences, The University of Arizona. The University of Arizona is an equal opportunity, affirmative action institution. The University does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, veteran status, or sexual orientation in its programs and activities.



The University of Arizona  
Mingus Springs - Arizona 4-H Camp & Outdoor Learning Facility  
PLEDGE/DONATION FORM

4-H has a unique opportunity to purchase the Mingus Springs Camp facility located on Mingus Mountain adjacent to the Prescott National Forest. The 4-H Camp will provide an environment where a new generation of 4-H'ers can connect with nature and engage their minds through hands-on learning. We hope you will join us and be an important and lasting part in securing our 4-H camping future.

Yes, I am interested in learning more about the options available. Contact me at: \_\_\_\_\_

### Named Gift Opportunities

Yes, I am interested in reserving one or more of the following options (check all that apply). Items will be reserved upon receipt of pledge form and approval from the University of Arizona Foundation.

Amount	Item	Available
• \$50,000	Kitchen/Dining Hall	1
• \$25,000	Recreation Hall	1
• \$15,000	Pond and Ramada	1
• \$15,000	Cabins	12
• \$10,000	Fire Circle	1
• \$10,000	Baseball Field	1
• \$5,000	Challenge Course	1
• \$5,000	Orienteering Course	1
• \$5,000	Folf (Frisbee Golf) Course	1

**Clover Club Patch** (Name on a metal clover displayed in the Clover Patch)

Yes, I would like to support the Arizona 4-H Camp. I am enclosing a one-time tax-deductible gift of:  
 \$100  \$250  \$500  \$1,000  \$5,000  \$10,000  Other \_\_\_\_\_

Yes, I would like to pledge a total of \$ \_\_\_\_\_ to be paid:  
 Monthly for \_\_\_ months  Quarterly for \_\_\_ quarters  Yearly for \_\_\_ years  
 Other \_\_\_\_\_

### Donor Information

Name		Please charge my account	
Address		Credit Card Type	
City/State/Zip		Credit Card Number	
Telephone		Expiration Date	
Email		Authorized Signature	
<input type="radio"/> I have enclosed a check made out to UAF/4H Camp.			

You can make a secure gift online at: <http://www.uafoundation.org/give/fund/4HCamp>

Your gift is fully tax-deductible as a charitable contribution.

For more information or to mail pledge form or donation to:

PO Box 210036 Rm. 325

Tucson, AZ 85721

Scott Koenig 520-626-2013 [skoenig@cals.arizona.edu](mailto:skoenig@cals.arizona.edu)

Ann Stevens 520-621-7883 [astevens@cals.arizona.edu](mailto:astevens@cals.arizona.edu)

## **Ipads for Old Farts....Continued from Page 6**

After Frank came over and showed me all the neat applications he used for forage use monitoring and air attack work, I bit the bullet and bought one too. I got the iPad 2 with 32 GB of memory (16GB would probably be plenty) with Wi-Fi and 3G. It cost almost \$800 with tax. The 3G coverage through Verizon wireless costs a minimum of \$20 per month. The minimum seems to cover all we do in a month (1GB), but there's no contract and if you need more service, you can sign up online and instantly get more GBs.



Currently I am, meaning Larry, working writing Coordinated Resource Management Plans and Prescribed fire plans. Before having the iPad and all it's capabilities and storage capacity, I would have been carrying several boxes of "stuff", including multiple three ring binders, laptop, forms, clip board, etc with me everywhere I go. Now, I carry just the iPad.

As Frank mentioned, I had already been using my iPhone for some information, but the iPad really opens up new vistas. For example, if you have cell phone coverage standing on a field location, you can open up the application Soilweb (one of many free apps) and almost instantly know which soil was mapped in your location. From a cached topo map, you can instantly pin point your location with coordinates (either Lat/long or UTM), and type in notes about that location. The iPad has the capability of taking great digital images or having images available in several areas in various applications.

Interestingly, the NRCS has all this information available through Soilweb for any soil survey that's been published. For those of you that don't know, the NRCS FOTG (Field Office Technical Guide) is on the Web and has tons of stuff you can download and use from your iPad. I've downloaded the Ecological Site Keys for the areas I expect to be working in, as well as the Ecological Site Descriptions. These are instantly available because they've been saved on the iPad, even if I don't have cell coverage. I have also downloaded the Soil Survey Manuscript for the areas I work in. All the forms used in range inventory and monitoring that NRCS has on their FOTG can be downloaded and filled out on the iPad and emailed to your home computer. Or, you can use any other forms that have been saved in pdf format, such as the the Wildfire Hazard Severity Checklist (Univ. of AZ) that Frank is using to do Firewise Assessments. Some forms and documents are not in pdf. format so they have to be converted from html. This is easy, just time consuming. The NRCS and the University of Arizona need to be commended for making all their information available to the public, it's extremely useful.



I must point out that you have to use your finger or a stylus to fill out the forms (that's because the iPad uses a capacitive touch screen and the area touched has to be a certain size) and since I'm left handed, they're pretty messy, but I'm learning. The best stylus I've found to date is made by Adonit (Adonit.net) and it's pricy, \$30 for the magnetic model. It is great to use for filling out draft forms as well as using applications for making notes.

The principal application to fill out the forms and take notes is Upad. The lite version is free, but the expanded version (which Humphrey uses), costs about \$5. Upad has preloaded notepaper so you can take and save notes using your finger, a stylus, or the keyboard. I also bought Pages (\$9.99), the Apple version of Word (yes, it is compatible) and store some documents on it.

*Continued on Page 12*



## Ipads for Old Farts....Continued from Page 11

For Topographical maps, Frank and I use principally the application GAIA, which has topo maps of the entire nation. It costs \$25, is updated automatically, as compared to other GPS or PC compatible topographic options, which cost from \$150-\$300 for one regional area. ARCGIS is a free application that also has topographic maps, relief maps, ownership maps and maps I've never seen before. GAIA is so useful because you can record your location and altitude, drop a location pin and record notes about that location and draw freehand on it. You can then copy and save the map in Upad. Google Earth can also be used at the same time, so you can switch from GAIA and look at a photograph from Google Earth to get a different perspective. It is important to get the 3G version of the iPad because the GPS locations are much more accurate. If you are going to a place where you don't have cell coverage, maps can be preloaded from GAIA and cached so you can work on them without coverage.

To move data from your iPad to your computer and back, Dropbox is fantastic and free. You just install it on both devices and you can move all kinds of stuff from one device to another. Dragon Dictation is another useful application. You talk to your iPad and it converts speech to writing through the magic of witchcraft, I think. It does make some mistakes, but it's really useful for notes in the field.

"Just be sure that if you're playing Angry Birds in a meeting, turn the sound off!"

Currently, I take all my field pictures with my iPad 2, move them into Upad, annotate any pertinent information and save them using several ways. I'm also building a photo library of plants that I don't know or plants to have good reference photos of (like invasives). You can take a picture of an unknown plant, save the image, and when they are identified, add a label and place them in Pages for future reference, so you have a travelling herbarium. This project is in its infancy because sometimes Larry (and Frank) forgets that you can take pictures with my iPad.

I don't know when the Federal or State agencies will move forward and start using these devices. The main reason for their reluctance is said to be security concerns but I think it's because the IT people will feel that they are losing power over the users.

One of the best uses for the iPad is to download games and books (Frank has a million that Larry gave him!) that you can read while you're in boring meetings waiting for an agency administrator to make a point, or stuck in traffic somewhere. Just be sure that if you're playing Angry Birds in a meeting, turn the sound off!



In conclusion, the iPad is quickly becoming a useful tool for a variety of uses, and for us "old farts" revolutionary for managing and handling lots of information. There are some disadvantages and glitches, such as hard to see the screen in direct sunlight and the use of a stylus for filling out forms, but it's sure better than recording information on clipboards and having your papers blow away or your pen quit working, or lose your notes. I've been using the iPad for only about three months and Frank has been using it longer but we're still learning new uses and there's new applications developed everyday that have direct application to natural resource management. Eventually the agencies will discover the time savings and efficiencies of using it and will come onboard.

And, neither Frank nor Larry have any financial interest in Apple products, including the iPad. The tool has simply become invaluable in its applications and ease of use for even people who really need assistance at this time in their lives!





## 2012 Director Candidates

### Candidate for Director South

James Heitholt, Rangeland Management Specialist

I currently work as a Rangeland Management Specialist on the Sierra Vista Ranger District in southeastern Arizona. I am a graduate of the University of Arizona, and lived in southern Arizona for the past 19 years. I have been on the Coronado National Forest since 2004 and have worked on three Ranger Districts. I've gained an appreciation of skills that aid in bridging the science gaps between the producers and the land management agencies. SRM is an appropriate organization to bring together people with common interests in range and wildlife management. As an agency person, I work closely with producers. This experience can help the Arizona Section of SRM address issues of common importance the two players and for all to be more successful. I'm honored to be considered for the position of Director South. I enjoy attending the SRM meetings and workshops, and embrace the opportunity to further my involvement with the Section.

### Candidate for Director North

Alvin Whitehair, Natural Resource Manager  
Navajo Region-Central/Chinle Navajo Agency

I currently work as a Natural Resource Manager for the Bureau of Indian Affairs, in Chinle Agency, on the Navajo Reservation in northeastern Arizona. The work involves overseeing and working with approximately 1500 Grazing Permittees and over 2000 Agricultural Land Use Permittees in a complex collaboration with the Navajo Tribe and other Federal government entities.

My Education consists of a Rangeland Management and a Psychology Degree from Utah State University, with Fire Management and Incident Management certifications from Reedley College near Fresno, CA

My experience consists of lots of "kicking the dirt" with permittees in Wyoming, Utah, New Mexico, California, Arizona in the Forest Service and BIA. As a lot of you who have met me know I love botany and plant behavior analysis wherever I am working because it is something they don't teach in college and is fun to decipher. I feel people in the natural resources community should know their plants in their ecological communities or where they work.

As Director North, I seek to accomplish many things with regard to networking with Tribes, other Federal Agencies, Ranchers (overall-not just Tribes) and educators. My dream is to seek understanding from each other and hope to someday work together, a pool of diverse collective talent of many backgrounds, help each other and learn together. I feel that input from all the tribes is important for their rangelands well being and continuously improving it. I feel that I still have the energy to accomplish these and much more if I am elected.

## NEW MEMBERS

Lenora Hawkins, Kingman, AZ



## Field Follies

By Andrew Brischke



Ever have one of those days where you know you should either wrap yourself in bubble wrap in the interest of self-preservation or for the safety of others around you? This was one of those.

It all started early in the morning when I locked my keys INSIDE my house. Don't Ask. To retrieve them I had to jump through a window that was a good 6 feet off the ground. Imagine one of those small dogs trying to jump on a bed that is slightly too tall and then wriggling through a small square hole with a large round body, that was me. The blinds never saw it coming and had very little chance of surviving. For revenge the window popped a button off my favorite shirt. It was then that I knew I should've brought out the roll of bubble wrap for the safety of myself and the general public.

Arriving late to meet my co-worker, I let her know we have one more 'event' ahead of us-again counting on the rule of threes, and the premonition of a flat tire. The rule of threes threw us a curveball and decided to give us a double dose on this particular day. This is the chain of incidents that followed.

After about an hour and a half of searching in well over 100 degree weather we couldn't find the access road to the key area we needed to get to in the morning, so we decided to move on to the next. We decided to pull the trailer with the ATVs a little further up the road then we probably should've. We crossed a small dip in the road that, according to past experience, would offer little resistance. However, this particular dip popped the trailer off the ball and we were dragging it with the chains. We didn't know this until we heard a funny sound about 25 feet down the road.

I looked back and relayed to my co-worker the bad news from what I could see in my mirror. A flat tire on the trailer - my premonition had materialized. As I sat there in disgust and expressing a chain of words that should not be repeated, she got out and delivered the REAL bad news-our trailer had popped off. Oh, and the tire on her side of the trailer was low on air - I had no more words. After teetering the ATVs off the trailer and changing one of the tires, I decided that I had had enough for the day and reading the key area would be done another day. We limped the trailer back to the yard with its broken foot and low tire, turned the keys in, shook my head and walked away. It was a bad day. In retrospect, the bubble wrap would be of little use in the long run; I always pop the air bubbles.

Society for Range Management 65th Annual Meeting  
“Winter Dance - 2012”  
January 29 - February 3, 2012  
Spokane, Washington



You WILL want to be at the 65th Annual Meeting of the Society for Range Management in Spokane! Training, networking, learning and fun will be virtually non-stop.

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For more information and to register, visit <http://www.rangelands.org/>

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