



Badger State Chapter

Meriwether Lewis



The Lewis and Clark Trail Heritage Foundation, Inc.



William Clark

July 2005

Wisconsin's Chapter ~ Interested & Involved

Number 15

During this time in history:
Excerpts from the journals of Lewis & Clark, taken from Jim Rosenberger's "Daily Calendar"

June 13, 1805, Lewis: "...my ears were saluted with the agreeable sound of a fall of water and advancing a little further, I saw the spray arise above the plain, like a column of smoke...which soon began to make a roaring to tremendous to be mistaken for any cause short of the Great Falls of the Missouri..."

July 1, 1805, Clark: "...the day warm and party much fatigued... The hail which fell at Capt. Lewis's camp...was 7 inches in circumference and weighed 3 ounces..."

July 4, 1805, Lewis: "...we gave the men a drink of spirits, it being the last of our stock, and some of them appeared a little sensible of its effects. The fiddle was plied and they danced very merrily until 9 in the evening..."

July 9, 1805, Clark: "...This failure of our favorite boat (the iron boat) was a great disappointment, we having more baggage than our canoes would carry, concluded to build canoes..."

July 15, 1805, Lewis: "...We arose very early this morning, assigned the canoes their loads... At 10 AM we once more saw ourselves fairly under way, much to my joy and, I believe, that of every individual who compose the party..."

2004 & 2005 calendars still available in limited supply. Contact Jim Rosenberger for your copy of the 2006 edition.

A Place of Discovery

Historic Fort Charrette, Missouri Trading Post

By: Bob McEowen, Managing Editor of "Rural Missouri"



Crosby Brown sits by the fire in the living quarters of his restored 18th-century trading post, Fort Charrette, located near Washington, Missouri.

"A Place of Discovery" was originally published in *Rural Missouri* and is reprinted here with their permission. *Rural Missouri* is the statewide publication of the Association of Missouri Electric Cooperatives, and can be found on the web at: <http://www.ruralmissouri.org/index.html>

Nearly 200 years ago Meriwether Lewis and William Clark set forth on their historic Corps of Discovery exploration of the Missouri River. Not far into the journey they stopped at a small outpost near present-day Washington, Mo. In their diaries the explorers recalled La Charrette as the last white settlement they encountered.

Established in 1762 by French fur trader Joseph Chadron, the fortified village is long gone, abandoned in the floods of 1842-43. But a sense of La Charrette — which literally translates as "little wagon" — lives on thanks to the efforts of architectural historian Crosby Brown.

Brown, who has restored historic buildings throughout the United States, discovered the remains of the old trading post in a farm field in the late 1960s and painstakingly relocated it to a site east of Washington. Today, the restored trading post houses an impressive collection of

Fort Charrette-Continued on page 2

Trivia Question of the Month
(The answer is somewhere in this issue.)
Who was assigned the responsibility of returning Shahaka (the Mandan Chief) back to his people after the chief had met with President Jefferson in Washington.

Don't miss
"Seaman says..."
on page 6



Fort Charrette-Continued from page 1

18th- and 19th-century artifacts and period furnishings.

Divided into 3 rooms, the post features a trade room, a blacksmith's shop & a recreation of frontier living quarters.

The Fort Charrette trading post is open for tours by groups and individuals only by appointment. While admission is not charged, donations are encouraged.

For information phone Crosby Brown at (636) 239-4202.

What's Happening?

By: Jim Rosenberger

This years Bicentennial Events are out west and require some travel time. But there are also Lewis & Clark events that are taking place much closer to home.

Pilot and photographer Ron Lowery and co-author and pilot, Mary Walker flew an open cockpit experimental plane 14,000 miles retracing the journey of Lewis and Clark. They shot breathtaking photographs and met fascinating characters as they traveled the epic route. Their adventure and photography story is available in the book and DVD, "Chasing Lewis & Clark Across America".



Ron Lowery will be at the Oshkosh Air Venture (Experimental Aircraft Show) July 25-31, 2005. He will have a booth in Hanger C, # 3065 and will be doing a forum at 7 PM, July 26th and 28th at the Honda Generator Pavilion. Further details can be obtained at his website, www.chasinglewisandclark.com.

This might be an opportunity for a one day Chapter field trip to Oshkosh to hear and see Ron Lowery. Contact Jim Rosenberger if you are interested.

The Lewis and Clark Trail Heritage Foundation annual meeting is August 6-10 in Portland, Oregon. I am told some tours are filling up so if you haven't registered already, do so soon.

Interested in a Chapter Field Trip? If so, the thinking is to visit Sioux City, Iowa in September and visit sites such as the Lewis & Clark Interpretive Center, Floyd Monument, Ponca State Park, Lewis & Clark State Park. Let Jim Rosenberger know if you would like to see a field trip this year.

Chapter member Chuck Hatfield advises that things are pretty much in place to have Jim Holmberg, editor of

"Exploring with Lewis and Clark, The 1804 Journal of Charles Floyd" as well as "Dear Brother, letters of William Clark to Jonathan Clark", attend the Wisconsin Book Festival in Madison, WI, October 14th and 15th. Plans are developing for a reservation only banquet on Friday evening, October 14, open to members of the Wisconsin Historical Society, Friends of the Wisconsin Historical Society and Badger Chapter members. On Saturday, October 15th, a 2 hour event for Book Festival attendees would feature a talk by Jim Holmberg and a panel discussion on Lewis and Clark research. While the event is in the planning stages, be sure to put the dates on your calendar. It is a great opportunity to get your "Floyd" book signed or purchase it if you haven't already done so. Details will follow as soon as plans are finalized.

The Minnesota Chapter of the LCTHF will have a Chapter meeting on October 22nd at the Minnesota State Historical Society in St. Paul, Minnesota. Patrick Coleman, curator of the Society will be talking about and showing the Lewis and Clark materials of the Minnesota Historical Society. The Badger Chapter has been invited to attend this meeting and this may be another opportunity for a day or weekend field trip as well as a chance to network with another Chapter. Let Jim Rosenberger know if you are inclined to attend this meeting.

Contact Jim Rosenberger to let him know of your interest in these activities by writing him at 803 Arbor Vitae Place, Verona, WI 53593; phone him at 608-845-6365 or email him at punkinz@att.net. Based on the response, every effort will be made to organize an outing.

A Note from Dave and Tanya:

For those who care to know (and for those that don't, sorry) here is our current address and future one.

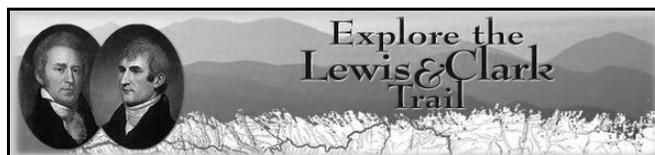
We will be at 1601 SW 27th Ave. Apt. 906, Ocala, FL 34474 until July 15. After 7/15 our new address will be 8 Redwood Track Course, Ocala, FL 34472.

Same phone number for now - 352-873-0820, but it may change after 7/15.

Note our new e-mail address: dbubier@earthlink.net

**Dave & Tanya Bubier
1601 SW 27th Ave.
Apt. 906
Ocala, FL 34474**

**as of 7/15/05
8 Redwood Track Course
Ocala, FL 34472**





Jim Rosenberger

President's Message

As a follow-up to my last message to you, I am pleased to report that the issue of requiring Chapter members to be Foundation members has been settled for now. The Board of Directors of the Lewis and Clark Trail Heritage Foundation, at their March 2005 Board meeting, voted down the requirement proposal. While it was a close vote,

and the issue may come up again, the issue is settled for now.

In the meantime, the Trail is again becoming a busy place. In April, Mary and I attended the Foundation's Regional Meeting held in Jefferson City, Missouri hosted by the Manitou Bluffs Chapter and in May we attended the Regional Meeting in Omaha, Nebraska, hosted by the Mouth of the Platte Chapter.

This is the first year for Regional Meetings and they are intended to be local extensions of the Foundation's Annual Meeting so those unable to attend annual meetings may still get the benefit of Foundation news and programs. The Foundation and Chapters did an excellent job of putting the meetings together and my feeling is they were very successful.

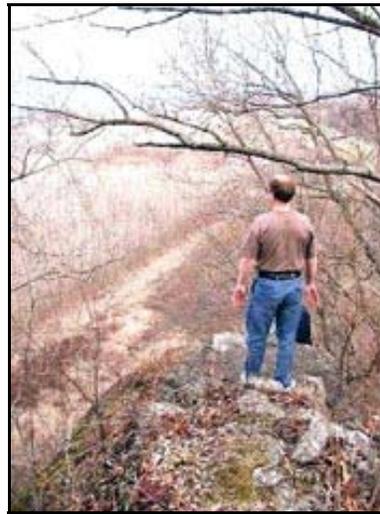
Our own Chuck Hatfield was a keynote speaker at both meetings and gave a very interesting and informative presentation on the development of the "Charles Floyd Book". In addition, area chapter and the National Park Service gave presentations on their current activities.

After the Jefferson City meeting we toured Clark's Hill at the confluence of the Missouri and Osage Rivers, a site recently developed by the State of Missouri. We also toured the confluence of the Platte and Missouri rivers after the Omaha meeting. Our host chapters arranged these tours and did a wonderful job of guiding us.

(Insert)

From the website of Jefferson City, Missouri Parks and Recreation Department:

"Many good things happened in 2002, however the VERY BEST NEWS came in June, when it was announced that the Norton family of Osage City donated to the State of Missouri Clark's Hill. The site, which will become known as Clark's Hill/Norton State Historic Site, is within 10 miles of Jefferson City. On this hill, explorer William Clark stood to



make surveying measurements at what was then the mouth of the Osage River - June 2, 1804.

On February 2, 2003 a few Task Force members were invited to explore Clark's Hill. Our host and guide was William Norton, who showed us the planned trail for the Clark's Hill/Norton State Historic Site that is under development this spring.

The view was spectacular. We took pictures, but they don't capture the high drama of standing on the limestone bluff top point where William Clark stood in June of 1804--- or the elevation above the river floodplain." (End insert)

The Regionals are, of course, smaller meetings, with somewhere between 50 and 100 people at each meeting, and because of this, it is a much more personal format. They are great places to obtain and exchange information and offer an excellent opportunity to network with other chapters and meet new people who share our passion for Lewis and Clark. I give the meetings a "thumbs up" and I encourage all of you to attend them next year.

Jim Rosenberger

On The Lewis & Clark Trail by Keith Swartz (page 4)

Keith is a member of the Badger Chapter, and lives in Madison with his wife Sherri and children Nathan (5) and Heather (3). He has lived in Madison for more than six years, and is a native of Des Moines, Iowa. Professionally, Keith is a mechanical engineer at Mead & Hunt, an architectural-engineering firm, specializing in the design of heating and cooling systems in non-residential buildings. Recently, he has been involved in the expansion and remodeling at the Dane County Regional Airport.



Keith Swartz

Keith notes that his interest in Lewis and Clark began with Ken Burn's documentary on PBS, and his interest grew when he read Undaunted Courage. This is his first contribution to our Newsletter, and the Badger Chapter is grateful that he has taken the time to share his experiences with us.

On The Lewis & Clark Trail

By: Keith Swartz

With two young children in my family, we don't get out very often. But last year we were able to attend two Lewis and Clark bicentennial signature events: the Expedition's departure from Camp River Du Bois on May 14th near present-day St. Louis and the first Indian council near present-day Omaha. We combined these adventure trips with family visits. My parents, who live in Arkansas, joined us in St. Louis, and we visited my grandfather in Omaha.

The Illinois Lewis and Clark Festival



The Illinois Lewis and Clark Festival was at the relatively new Interpretive Center at Lewis and Clark State Historic Site, northeast of downtown St. Louis. The main event, of

course, was the reenactment of the departure at 4 o'clock sharp on May 14th, complete with costumed soldiers in the replica boats. Dignitaries from the present and the past (Thomas Jefferson) were there. To assure we didn't miss it, we arrived at the festival grounds more than an hour in advance. But rain wreaked havoc with the festival weekend. The fireworks show the night before was rained out. The grounds were mostly flooded, including the field planned for parking. Official event parking was moved to a vacant parking lot in a nearby town. Buses shuttled people back and forth to the festival grounds. We stepped off the shuttle bus at 3:58. We missed the politicians speaking before the launch, but that may not have been such a bad thing to miss. We watched the keelboat and the two pirogues leave the shore, cross the mighty Mississippi, and disappear around the bend up the Missouri. They progressed much more quickly under motor power than they did two centuries ago by rowing or poling the boats.

Afterward we visited with Thomas Jefferson, discussing travel and human ingenuity. He was not willing to write me a letter of credit for my trip home like he gave to Lewis for their trip. I think he is more of a tightwad Federalist than modern historians acknowledge.

The next day was a full day of festivities. Costumed soldiers described camp life and led tours of the replica of the fort where they spent the winter. The blacksmith and cooks showed their talents. Actors portrayed various people asso-

ciated with the Corps of Discovery. Clark displayed his composite map of the route, and later gave a report describing many of their findings and adventures. Lewis gave orders for the men to cooperate, because the success of their arduous journey depended on it. Jefferson and Lewis discussed the planning of the trip. Sacagawea defended her husband, claiming that storytellers often like to have a buffalo in their stories and her husband was the closest they could find.

Music filled the air, too. Cruzatte played his fiddle and a fife and drum corps marched around the grounds (through the mud).

Early risers (and those who don't have small children and a diaper bag to get ready) had the opportunity to eat breakfast with Jefferson, Drouillard, or York.

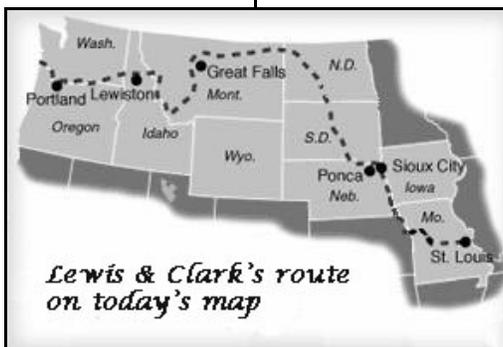
Many vendors were selling Lewis and Clark related items, including Jim Rosenberger's calendars. (I had already bought mine earlier.) The postal service was selling their three new stamps commemorating the expedition--a portrait of Lewis, a portrait of Clark, and a picture of both together. Being a stamp collector, I couldn't resist getting first day covers of each.

Despite the mud and the parking inconveniences, the festival was well worth the trip.

The National Bicentennial Exhibition

Artifacts from the expedition have been scattered in various museums throughout the country, until now. Many items

have been brought together for a traveling exhibition that will tour the country during the bicentennial. The first stop was St. Louis. Original artifacts from the expedition included Lewis's telescope, Clark's compass, Floyd's journal (on loan from the Wisconsin Historical Society), an elk skin journal of Clark's, and numerous maps and letters. Other artifacts from the period helped complete the story.



Groups were allowed to enter every 30 minutes. While waiting for our tour time we browsed around the displays in the waiting area, which included a short film, a stuffed bison, the front of a Clatsop building, and, of course, a gift shop. Visitors were given an audio player with headphones to hear more in-depth information about the displays. Simply enter the "audio stop" number on the display into the player and listen to the story. We were at the exhibit about 90 minutes, but I felt like I was somewhat rushing through and I listened to only a fraction of the audio stops. Unfortunately visitors were not allowed to take any pictures.

On The Lewis & Clark Trail-Continued on page 5

On The Lewis & Clark Trail-Continued from page 4

As I write this, the exhibition is now in Philadelphia and will go to Denver during the summer of 2005, to Portland the following winter, then to the Smithsonian Institution in Washington D.C. through September 11, 2006. You can learn more about the exhibit at www.LewisAndClarkExhibit.org.

Omaha

Lewis and Clark's first tribal council with Indians occurred on August 3, 1804 just north of present-day Omaha, Nebraska. The bicentennial commemoration celebration included a play in Omaha and the "Corps of Discovery Festival" at Ft. Atkinson State Historical State Park.

Ink and Elkskin

The outdoor play "Ink and Elkskin" was performed at Elmwood Park. Fortunately the weather cooperated. Several events preceded the actual play. The Fife and Drum Corps from St. Charles, Missouri (the same group we saw in St. Louis) played. Speakers included TV personalities, local politicians, and tribal leaders of the Otoe-Missouria Tribe. National anthems for both the U.S. and the Otoe-Missouria nation were sung. Pianist Paul Barns and Flutist R. Carlos Nakai played the second movement "Sacagawea" of Philip Glass's Piano Concerto No. 2 "After Lewis and Clark." The University of Nebraska's Gary Moulton, who is well known for his modern edition of the Lewis and Clark journals, spoke briefly about Jefferson's vision, which was the driving force behind the expedition, and read excerpts from one of Jefferson's letters to Lewis.

Then, finally, the play started. The play depicts the expedition arriving in the Omaha area and telling the Indians about their "new Great Father from the direction of the rising sun." Although Sacagawea did not join the expedition until several months after the Corps passed the Omaha area, it seems that you can't have a story about Lewis and Clark without including this famous Native American woman, somehow. The main action down on the lower stage was often interrupted by Sacagawea up on a high stage telling her own story. Part of the back-and-forth included some insightful words from both York and Sacagawea about their understanding of "freedom."

Corps of Discovery Festival

The Corps of Discovery Festival at Ft. Atkinson State Historical State Park north of Omaha featured living history encampments with people in period costumes. Gibson played his fiddle, York played folk songs, and many other musical groups performed. St. Charles Fife and Drum Corps appeared again. My kids were fascinated with the Indian dances. Many Lewis and Clark experts, such as James Ronda, Dayton Duncan, and Gary Moulton, spoke in a

crowded air-conditioned tent. Vendors sold period-type crafts as well as modern books. At other tents people demonstrated skills used the early 1800s. In a children's area kids made ropes, Indian jewelry, and other crafts.

A short bus ride took us out to see the boats on the river. A tent there for the Nebraska DNR included live animals and other exhibits. The pirogues were near the bus drop-off, but due to low water the keelboat was kept in deeper water, about a half-mile walk from the bus drop-off. The prairie flowers along the path brightened the walk to the keelboat. A replica of the keelboat was also on display on a trailer at the main festival grounds.

Several local towns offered festive events: meals with period food, pie and ice cream socials, street dances, antique shows, craft shows, flea markets, a cowboy church worship service, and a birthday party for William Clark on August 1.

For those of you who are interested in more details, ask me about our photos, home videos, and newspaper articles from the events. If anyone would like a copy of a video of the play, simply give me a blank tape and I will be happy to copy it for you.

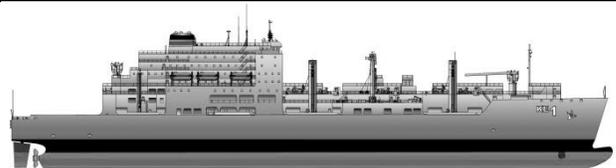
Hopefully some members of the Badger Chapter can attend upcoming bicentennial events and share their experiences and photos. They are well worth the trip.

Newsletter articles



Do you have an interesting thought about the Lewis and Clark Expedition, or know someone who shares our interest in "The Journey?" Would you like to share it with others through this newsletter? Then write to either Jim Rosenberger at punkinz@att.net or Bill Holman at wghmch@chorus.net. If you don't have e-mail, call Bill at (608) 249-2233. If you include a picture with your article, we will be happy to return it upon request.

Wouldn't Lewis & Clark have been amazed...?



USNS LEWIS AND CLARK (T-AKE 1) Dry Cargo/Ammunition Ship

USNS Lewis And Clark is Military Sealift Command's only Dry Cargo/Ammunition Ship and is the first ship in a new class acquisition program.

Seaman Says...May 29, 1805



"Last night a large buffalo bull swam across the river from the opposite shore, charged into camp and alarmed everyone. I attempted to reason with the fellow but he was so confused and in such a state as to pay little attention to me at first. This Bull nearly trampled some of the men, broke

York's rifle and shattered the stock of a blunderbuss on the white pirogue. Having had quite enough, I exerted myself upon this Buffalo menace, caused him to change his direction and guided him out of camp. My feeling is that the entire party is much appreciative of my efforts.



Nathaniel Pryor (1772{?} -1831)

(Author Unknown)

Nathaniel Pryor was Sergeant of the First Squad of the Corps of Discovery. He was the first sergeant to enter the area of what is now Liberty County, Montana on the Marias River in June, 1805 with Meriwether Lewis and five others. These five others included George Drouillard (Drewer), Civilian Scout/ Interpreter/Hunter and Privates John Shields, Richard Windsor, Pierre Cruzatte and Fracois Labiche. These were the first Americans to visit our area.

Pryor was born in Virginia but moved to Kentucky with his parents in 1783. In 1798 he married Margaret Patton but was probably widowed as one of the stipulations for being a member of the Corps of Discovery was that all the men be unmarried. He was one of the "nine young men from Kentucky" selected by William Clark. Pryor & his cousin Chas. Floyd were chosen as sergeants. Floyd would be the only member of the Corps who would die during the mission. Upon Floyd's death his personal effects were given to Pryor.

He was considered "a man of character and ability." However, later in his life aspects of his personal character might have come into question. After the expedition, according to one side of family tradition, Nathaniel married Nancy Melton in Georgia. They lived some six miles south of Atlanta. This union brought a son into the world. But, if the story is true, Nathaniel deserted his family and set up a trading business west of the Mississippi. Nancy never heard of Nathaniel again and perhaps thinking he was killed by Indians, obtained a divorce and later remarried. Nathaniel eventually married again to an Osage Indian woman and they had three children together.

Some of Nathaniel's business practices have also come into question as there are at least two lawsuits recorded against him. One is of special significance in that it was the first

legal notice in the first issue of the Arkansas Gazette, the first newspaper published in the Arkansas Territory. Apparently, misfortune did seem to attend Pryor's business ventures throughout his life. On more than one occasion his business and property were lost to Indian raids.

Nevertheless, Pryor was a man of character and ability when it came to his responsibilities as a member of the Corps of Discovery, later in the War of 1812 and as a "Sub-Agent" to the Indians under the direction of William Clark. His Corps duties included not only being the Sergeant of the First Squad, but serving as the "Presiding" authority during such things as the court marshal of Privates Collins and Hall being charged with getting drunk while on duty.

Two of Pryor's important missions, however resulted in failure. In July, 1806 while on the Yellowstone River, Clark assigned Pryor the responsibility of bringing seventeen horses across country to the Mandan Village in North Dakota, a distance of at least 500 miles. Pryor chose Shannon and Windsor to accompany him. Hall was also assigned by Clark after the first day out when Pryor realized he would need more help because some of the horses they were trailing were very difficult to handle in a bunch. Eventually the horses were stolen by the Crow Indians and Pryor returned to Clark empty handed.

On another occasion when the Corps had returned, Pryor was assigned the responsibility of returning Shahaka (the Mandan Chief Big White) back to his people after the chief had met with President Jefferson in Washington. Pryor, still in the Army now having an officer's rank of Ensign, with a party of fur traders, a dozen soldiers and Chief Big White headed up the Missouri in a keelboat. However the Arikaras were at war with the Mandans at the time and stopped the keelboat demanding that Shahaka be turned over to them. The demand was refused and a fight broke out killing several fur trappers and wounding three soldiers. Pryor ordered a retreat back to St. Louis. It was another two years before Chief Big White would be reunited with his people.

Pryor served as a Captain during the War of 1812 and distinguished himself highly in the Battle for New Orleans. After his discharge from the Army in June of 1815 he engaged in trade with Indians in the Arkansas Territory and served as interpreter and guide for many that came into the area including one of America's noted naturalists, Thomas Nuttall.

Nathaniel Pryor was written and spoken of highly by William Clark, Andrew Jackson, Sam Houston and many others. Montana remembers the name with the town of Pryor, Pryor Creek and the Pryor Mountains south of Billings. His historic expeditions and explorations, dealings with Presidents, Governors and notable personages of his time enshrines Nathaniel Pryor a place in American history.

On June 1, 1831 at his trading post near the present day city of Pryor Creek, Oklahoma, Nathaniel Pryor died.

Lewis & Clark
on-line
Message Board

<http://groups.yahoo.com/group/LewisandClark-BadgerChapter/>



=We're On The Web=

This is the 8th issue of the Badger Chapter Newsletter to be available on the Internet.

If you are not on the mailing list to receive the link, drop an e-mail to Bill Holman at: wghmch@chorus.net ...we'll send you a link where you can find it and share it with your friends.

Letters from my cousin, Patrick Gass, with the Corps of Discovery

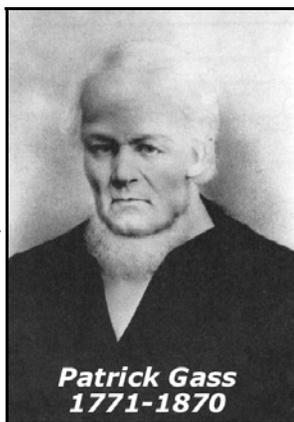
Dear Bill,

From time to time I'll try to write you a letter about what we have been doing during this period. This letter is about a day when we were dealing with the Great Falls of the Missouri River. (I will also use many of these thoughts in my Journal.)

On the morning of July 16, all hands were engaged in taking the canoes over the rapid about a mile in length, which having accomplished they returned and took up the perioque, where we halted to examine another great rapid close ahead. One man had been sent on last night to Captain Lewis, to find out what discoveries he had made. We remained here some time, and a few of the men went out to hunt. About noon Captain Lewis and the party with him joined us, and the hunters came in. Captain Lewis had been up the falls 15 miles above the first shoot or pitch, and found the falls continue all that distance, in which there were 5 different shoots 40 or 50 feet perpendicular each, and very rapid water between them. As we found the south side the best to carry our canoes up, we crossed over and unloaded our craft. We then had to take the empty canoes to the side we had left, and to tow them up by a line about a mile, in order to get them up to the mouth of a small river on the south side, as a more convenient place to take them up the bank. This business was attended with great difficulty as well as danger, but we succeeded in getting them all over safe.

Your cuzzin,
Patrick Gass

(Note: Bill Holman, a Badger Chapter member and the editor of this journal, is the second cousin four times removed, of Patrick Gass. He has offered these "letters from the trail", which must have been held up in the mail.)



Treasurer's Report

As of July 1, 2005 we have \$1,519.82 in the Treasury, and 59 Chapter members.



Badger State Chapter Officers:

Jim Rosenberger.....President
Phone: (608)845-6365 E-mail: punkinz@att.net

Vacant.....Vice-President

Mary Butts.....Secretary
Phone: (920)458-4518 E-mail: tbutts@excel.net

Marcia Holman.....Treasurer
Phone: (608)249-2233 E-mail: wghmch@chorus.net

Board of Directors:

1-Jerry Anderson
Phone: (262)797-9324 E-mail: j-a@operamail.com

2-David Sorgel
P:(608)795-9915 E-mail: davidcollette@centrytel.net

3-Dave Bubier
Phone: (352)873-0820 E-mail: dbubier@earthlink.net

Newsletter Editor:

Bill Holman
Phone: (608)249-2233 E-mail: wghmch@chorus.net