



APPENDIX

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Suggestions to be included in Pack Manual
By Rene J. Duykaerts Eastern Sierra Unit

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|---|-------------------------------|
| 1. Objective of Course | 6. Loading Procedure |
| 2. History of Packing | A. at Pack Station |
| 3. Selection of the Traditional Pack Animal | B. at Trailhead |
| A. Mule | C. in the Backcountry |
| B. Horse | 7. Unloading Procedure |
| 4. Packing Equipment | 8. Tarps and Hitches |
| A. Pack Saddles | A. Diamond (single / double) |
| Sawbuck | B. Box |
| Decker | 9. Stringing Up a Pack String |
| Specialty Saddles | 10. Loading a Pack String |
| B. Containers | 11. On the Trail |
| Boxes | A. Flat trail |
| Panniers | B. Up-hill |
| Slings | C. Down hill |
| Specialty Frames and | D. Narrow Trails |
| Cradles | E. Switchbacks |
| C. Accessories | F. Creek crossings Obstacles |
| Tarps / Manties | 12. Knots and Splices |
| Ropes, Strings, Cinches | 13. Equipment Lists |
| Halter, Lead Rope, | A. Camp |
| Hobbles | B. Kitchen |
| 5. Load Preparation | C. Food |
| | D. Horses |
| | E. Personal |



I. PLANNING A PACK TRIP

AGENDA

10:00 Registration

10:30 Introductions

11:30 Explanation of Series

12:00 Lunch

1:00 Trip Expectations

1:30 Knowledge of the Area

2:00 Time of Year / Expected Weather

2:30 Type of Equipment | Clothing Needs

3:30 Meal Planning and Food Preparation

4:00 Temperament and Experience of Stock Number of Stock

4:30 Lining Out a Pack Trip

5:00 Head Home



PRESENTATION - REGISTRATION

1. As students enter collect tuition. (We charged \$25.00 per session or \$90.00 for all four sessions)
2. Hand out binder which includes material for first session. You will receive the additional three sessions for the binder as I get mine put together.
3. The additional material I gave to the students are in the front pocket of the binder.
4. Signed up new members.
5. Explained the purpose of this course.

INTRODUCTIONS

1. I introduced myself and told of my experience then asked the same of the students plus asked what they wished to get out of this course.
2. Gave a brief history of packstock.
3. The Backcountry Horsemen Slide Tape Program was shown.

EXPLANATION OF SERIES

1. I went over each session and explained what they should get out of them.

PRESENTATION - TRIP EXPECTATIONS

In this portion of the session I discussed each point on the outline, referring to examples and personal experiences which people might relate to. I emphasized leaving enough time at the end of the day to set up a proper camp.

The Trip Worksheet included in the package is used to aid them in the beginning phases of planning a pack trip, which they would take the following summer with the help of the instructor and other experienced packers.

LUNCH (Depends on how much interaction you have with the students to determine when you break for lunch. We were here by 11:45.)



PRESENTATION - KNOWLEDGE OF THE AREA

1. Maps: We began with looking at the map provided. I explained to them to go over their possible route and look to see what obstacles they might encounter. Explain to them that their horse should be ready to accept these challenges.
2. Asked them to consider the location of the trailhead in reference to emergencies situations. (Snowstorms!!!)
3. Call Land Management Agencies.
4. We discussed the paragraphs below the title. Again, share your experiences and ask the students for theirs. After checking the map out questions may arise which can be asked of Rangers or others with knowledge of the area (i.e. commercial packers).
5. We discussed each Wilderness Regulation and explained the reasoning behind them. I emphasized that the better we treat the backcountry the less need there will be for further regulations.
6. We discussed Agency Regulations. Good information. Under wilderness permits-not all Forests and Parks require them. It is generally in areas when use is high and they wish to get a handle of the overall use. An example is the trail to Mt. Whitney. Many people wish to hike to the highest point in the contiguous United States. As a result this trail was "mashed" by people. The Forest Service had to require wilderness permit to collect data on the number of people using the trail and then create a quota to attempt to protect the resources being impacted.
7. Wilderness permits are also very handy in the event that you don't show up at home when you are expected too. The permit gives the Search and Rescue personnel somewhere to begin looking.
8. The Fire Permit information is good. We need to emphasize finding an area which is naturally void of vegetation to have a fire and not clearing a ten foot circle as the permit suggests. I discussed using the fire rings, which are in place instead of building new ones. Suggest other alternatives besides rock rings. (i.e. pit fires, fire pans, fire blankets)
9. We discussed habituating wild animals to human food, particularly bears.



PRESENTATION - TYPE OF EQUIPMENT/CLOTHING NEEDS

Set up two camps.

1. First Camp: A complete camp but not extravagant.
 - Dome tents
 - Sleeping bags & pads
 - Roll-up tables
 - Propane stove
 - Lantern
 - Pot & Pans
 - Dutch oven
 - Chairs
 - Kitchen fly
 - Rake, Shovel, and Saw or Axe
 - Ice Chests and examples of food to take
 - Portable Toilet plus discussed cat hole option
 - Solar shower
 - Highline
 - Water filter
 - Misc. equipment

2. Second Camp: Very small, lightweight camp.
 - -Roll-up table
 - -Backpacker stove
 - -Small pot and plan kit (the kind that packs inside one another)
 - -Small propane lantern (Primus)
 - -Fold-up stools
 - -Freeze dried food packages
 - -Small Dome tent
 - -Small down sleeping bag and pad
 - -Water filter

I set these camps up in front and to either side of the students as I explained both set-ups piece by piece. I told them this was just two examples of doing things and that they could or may have already developed their own system.

I gathered up all which is on the "What to Take" list and discussed each piece.

CLOTHING

1. Gathered up each item on the "Clothing list" and discussed them.



TRIP WORKSHEET

Trip Expectations:

1. What do you wish to do?
Relax, Fish, Explore, Etc.

2. Where and when do you wish to go?
Time of year dictates weather and the resource conditions.

3. How many people?
How reasonable is the number your taking, their ability, area's limit, etc.

4. How many animals are you taking?
This will depend on how long you are going for, whether or not your packing feed, how extravagant you camp will be, and you ability.

5. How far will you go?
Per day and for entire trip.

6. Who do you contact to find out about the regulations, quotas, and restrictions?



II. PACK EQUIPMENT

AGENDA

9:00 Registration for New Students

9:30 Safety with Stock

11:30 Knots

12:00 Lunch

1:00 Care of Saddles and Pads

1:45 Use of Hitches

5:00 Head Home!



PRESENTATION - SAFETY WITH STOCK

Discuss pages three to seventeen in detail, paragraph by paragraph throwing in personal experiences in order to make things a bit more interesting. Giving plenty of coffee breaks worked well to help the span of attention. Safety is an important topic. This will be the first discussion; others will follow during the March session with live animals.

Pages 44-48 were left to the students to read at a later date.

PRESENTATION - USE OF KNOTS

I cut 1/2 " cotton rope into three foot sections, applying electrical tape eight inches from each end. The end of each strand on each end is then taped to keep the rope from fraying.

Instruct the students to tie a rosebud on one end and braid back the other end.

This is the first phase to knot tying. I felt it no use to attempt to instruct students on other knots in a lecture mode. Other knots were tied on portable hitch racks I built. I had one hitch rack per two dummy mules. The students who were not tying hitches on the dummy mules would be instructed on tying various knots on the hitch racks.

There are several knots displayed in the binder. Instructors can use their own discretion as to the knot they wish to teach. We chose the bowline, robbers get away, chain and the slipknot for our class. We discussed the various rope halters as seen in the binder.

PRESENTATION - USE OF HITCHES

In this session we utilized "dummy pack mules". This session was in February and held indoors. The dummy mules were built by welding 24" steel legs on 55-gallon drums. Hitch racks were built using 4" treated wooden posts. These were six feet long, three and one half feet tall with a sixteen inch piece mounted at an angle at one end of the rail to simulate a horse head and an unbraided rope at the other end which simulated a tail. The head was used to tie rope halters on and bowlines around the neck. The tail was used for students to practice tying lead ropes to tails when leading animals in a string without the aid of a saddle.

The room was set up in a series of circles, the outside being the eight dummy mules. The next circles towards the center consisted of students (one row so each student had a good view of the center ring). The inside of the circle consisted of the four hitch racks, which simulated horses or mules, tied together as a string, demonstrating different techniques used in hitching a string up. I used two saddle racks in front with actual saddles. One demonstrated the breakaway tie and the other use the ring on the breeching to keep the lead rope from being stepped over by the pack animal.

I had the class count off by eight. Each mule had a number so the students knew which mule they had. We designated one hitch rack per two mules. This worked well in that students who weren't tying hitches could practice their knots. We had one instructor for two mule and a hitch rack. In this particular class we had three to four students per mule. The instructor would demonstrate a hitch to all the students in his or her group, then let them practice on their perspective mule.



III. PACKING WITH ANIMALS

AGENDA

- 8:00 Packing Refresher
- 9:00 Registration for New Students
- 9:30 Backcountry Vet Care
- 11:30 Backcountry Manners
- 12:00 Lunch
- 1:00 Shoeing Livestock
- 4:00 Packing Refresher
- 5:00 Head Home!



IV & V KITCHEN & CAMP SET-UPS

AGENDA

SATURDAY

- 9:00 Registration
- 9:30 Saddling Stock
- 10:30 Building Loads / Packing Up
- 11:30 Set Up Camp
- 12:30 Lunch
- 1:30 Toilet Set-Up / Electric Fence Highline
- 3:30 Cooking Dutch oven Campfire Propane (lightweight food options)
- 6:00 Dinner
- 7:30 Campfire Discussion

SUNDAY

- 8:00 Breakfast
- 10:00 Camp Breakdown / Cleanup
- 11:00 Saddle / Build Loads / Load Up
- 12:30 Lunch
- 1:30 Review for those Who Wish



Reference Literature

Back Country Horsemen Guide Book,
BCHA
P.O. Box 597, Columbia Falls, Montana
59912

BCHA National Newsletter
P. O. Box 597
Columbia Falls, Montana 59912

Horse Sense on National Forest Pack
Trips Pamphlet
USDA Forest Service Northern Region
P. O. Box 7669
Missoula, Montana 59807

"Leave No Trace" - Program - US FS
Intermountain Region Recreation Lands
Federal Office Building
234 25th Street
Ogden, Utah 84401

Low-Impact Horse Camping - Video
Idaho Back Country Horsemen
HC 66, Box 248
Kooskia, Idaho 83536

Packing and Outfitting Field Manual
by O. Hill
University of Wyoming Bulletin Room
P. O. Box 3313
Laramie Wyoming 82071

Packing In on Mules and Horses By
Smoke Elser and Bill Brown - Book
(Smoke is a Back Country Horsemen
well versed on low-impact camping) The
Mountain Press Publishing Co. 2016
Strand Avenue Missoula, Montana
59801

Mountain Manners -Booklet
Montana Back Country Horsemen
P. O. Box 5431 Helena Montana 59604

Mountain Manners - Video
Idaho Backcountry Horsemen
HC 66, Box 248
Kooskia, Idaho 83536

Techniques and Equipment for
Wilderness Horse Travel - Booklet and
Video
USFS - Regional Offices

Tread Lightly Crew - Pamphlet
Back Country Horsemen of Washington
P. O. Box 653
Leavenworth, Washington 98826

Veterinary Medicine for Back Country
Horsemen Booklet

Kern Sierra Unit of the Backcountry
Horsemen of California
P O Box 11095
Bakersfield California 93389-1095

"Gentle User" Pocket Guide Pamphlet
Backcountry Horsemen of California
P. O. Box 520
Springville, California 93265

What Do I Do With My In a Horse, Flood
and/or Earthquake? - a booklet by Joe
Goodman and Stephanie Abronson
Pone Cross Farm 543
Cold Canyon Road
Monte Nido, CA 91302

THE FOLLOWING REFERENCES ARE HIGHLY RECOMMENDED

Horses, Hitches, and Rocky Trails
By Joe Back
Johnson Publishing Company
18110 South 57th Court
Boulder, Colorado 80301

Horse Packing in Pictures
By Francis W. Davis
Charles Scribner's Sons New York, NY

**List of Equipment Suppliers**

Butte Creek Outfitters
1583 Highway 99
Gridley CA 95948
(916) 846-0947

Cabela's
812 13th Ave
Sidney NE 69160
1-800-237-4444
(ask for camping catalog)

Bill De Carteret
30547 Mehrten Dr
Exeter CA 93221
(209) 592-2878
"Mule Tested - Time Proven"

Jax Leather Company
PO Box 937
Madera, CA 93639
(209) 675-1230

Ray Holes Saddle Company
213 W Main
Grangeville ID 83530
(208) 983-1460

Riley Stove Company
PO Box 817

Townsend MT 59644
(406) 266-5525

Wyoming Outdoor Industries, Inc
1231 13th St
Cody WY 82414
(307) 527-6449
Fax (307) 527-7508

Forest Service Publications:

Techniques and Equipment for
Wilderness Horse Travel
2300 - Recreation
October 1993
9323-2839-MTDC

Lightweight Camping and Stock
Equipment
2300 - Recreation
September 1993
9323-2835-MTDC

Above Publications are available for
free from:

USDA Forest Service
Missoula Technology and
Development Center
Building #1, Fort Missoula
Missoula, Montana 59804
(406) 329-3900