

MEMORANDUM  
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TO: Jeff

I've got the shrub data into this format and maybe you can get it into something useful for your purposes from here. I'm trying to find time to run some tests to see what data set on shrubs is useful to pursue, now that we have five years of it. Will try to track it against the weather and see where the highest correlations are.

We're still not sure of our itinerary this summer. Pat is taking the Spanish class, 8 credits of it, until mid-July. I'm hoping we will get in some time shortly after that. I'll do all the monitoring measurements, including the production on the marked plots on the three benches, when we come in.

I'm trying to get the white horse deal squared around here for you. It seems we need a record that we bought the Skateboard horse and then traded it, and I ransacked your office and couldn't find any bill of sale or requisitions. I've got a call in for you to deliver back a message on this, so we may have it all squared around by the time you get this. Royce has a buyer for the white horse, the reason they need some proof we own the poor beast.

I've sent out reprints to most everyone I could think of that might be interested in them.

Will be meeting with IFG next week about their support for a sheep study. We also have a McIntire Stennis proposal in that Neuenschwander approved and then Bottger and I got in shape for approval at the Washington level. So we may have the sheep work started this winter.

*Will keep you posted.*

*Jim*

communities were included within the sample area. Sites were selected for this analysis did not show current evidence of disturbance, although past disturbance was apparent after examine of species composition was made.

The classification was guided by program <sup>9</sup>TWINSpan (Hill et al. 1975) which classifies stands and species according to affinities and produces an ordered two-way table that expresses species' synecological relationships. An ordination program DECORANA (Hill 1979) was used to further identify relationships between species. Only shrubs and grasses were used in the stand classification. All annual species were omitted in both the classification and ordination. ✓

The problems of determining species relationships using detrended correspondence analysis are discussed by Jackson and Somers (1987) Peet et al. (1988), and others. We used the analyses along with information from other vegetation classification investigations of nearby regions, plus observations of stand conditions to interpret our information. ✓

#### SPECIES RELATIONSHIPS