1. **Does the paper present the selected problem/system/phenomenon clearly and concisely in the Introduction?** There was no official introduction to this paper. The paper begins with a short definition of what hemoglobin is and where it is found, and then begins to discuss the structure. I was not really directed to what the paper would discuss, but I assumed it would be discussing the chemistry involved with the iron sites.

2. **Does the Method section summarize the details of the reviewed/presented/employed experimental techniques and theoretical methods?** There was no specific methods section. However, there was a section that discussed an EPR study that was done, but there was no reference to where the study came from. Also, there was no discussion on the technique itself, so that left the results of the experiment unclear to their meaning. The EPR spectrum was a little confusing, and the discussion of it was unclear.

3. **Were the conclusions clearly presented and supported by the presented Results, Analysis, and Discussion sections?** There was a lot of good information in this paper that I found really interesting. However, I felt the organization of the information was not very smooth and instead the transitions between various topics were a little choppy. I would have liked to have seen a conclusion section where everything was summed up, because that might have pulled it all together for me a little bit better. The last section about electronic states, I felt was a little confusing to follow.

4. **Are the references of the independent study well incorporated in the text and used to support or contrast statements/observations?** There were a couple of studies that were referred to in the text; however they did not have citations to accompany them. This means that I have no idea who the authors were or where the study came from. Also, there were nice figures, but no citations to tell me where the author of the paper got them from. It’s really important to cite the source of the information.

5. **Was the independent study carefully prepared regarding text formatting, figures, and tables?** The figures that were used were appropriate and lent insight to what the author was trying to say. However, only three out of five figures were labeled, and they were not all referred to in the text. I would finish a section and then see the figure, and that would shine some light on what I had just read. If the figures had been referred to in the text, I could have looked at them while I was reading a particular section, and I think some of the sections would have made better sense.