Interactive comment on "Plant functional type mapping for earth system models" *by* B. Poulter et al.

Anonymous Referee #1

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Simulation by Dynamic Global Vegetation Model (DGVMs) yielded quite different results when different sources of land cover data were applied. This paper systematically discussed the uncertainties of DGVMs arising from different sources of land cover data as well as different classifications of land cover. The paper was very well organized and I recommend pubication in GMD that is well known to vegetation modellers.

I have only one concern regarding to Table 2 and Table 3. What are the codes in Table 3 mean? An additional column for the full name of these abbreviations will be helpful for the readers to judge your equivalents to PFTs. As listed in Table 2, a 20 years annual mean temperature of 15 degree was adopted to classify C3 and C4 grasses, but you use 22 degree of the warmest month to differentiate C3 and C4 in Table 3. Are there some links between these two temperature criteria? Please add some words to

explain it.

Interactive comment on Geosci. Model Dev. Discuss., 4, 2081, 2011.