1077-05-1594 Sibel Ozkan and Erik E Westlund* (ewestlun@kennesaw.edu). Some planar Hall completable graphs. Preliminary report.

If φ is a partial proper *m*-coloring of the vertices $V_0 \subseteq V$ of a graph *G*, we may define an associated list-assignment $L = L_{\varphi}$ in a natural way so that φ has a completion to a proper *m*-coloring of *G* if and only if *G* has a proper L_{φ} -coloring. (*G*, *L*) is said to satisfy *Hall's condition* if, for all subgraphs $H \leq G$, $|V(H)| \leq \sum_{\sigma \in \mathcal{C}} \alpha(H_{\sigma})$, where $\alpha(H_{\sigma})$ is the independence number of the subgraph $H_{\sigma} \leq H$ induced on the vertices having color σ in their lists. Hall's condition is necessary for *G* to have a proper *L*-coloring. *G* is said to be Hall *m*-completable, for some $m \geq \chi(G)$, if every partial proper *m*-coloring φ , such that (G, L_{φ}) satisfies Hall's condition, has a completion. We say *G* is *Hall completable* if *G* is Hall *m*-completable for all $m \geq \chi(G)$. We give a brief survey of results; mainly restricting attention to familiar planar graphs such as prisms and ladders. (Received September 20, 2011)