1127-05-127 **Daniel Cranston*** (dcranston@vcu.edu) and Landon Rabern. List-coloring Claw-free Graphs with $\Delta - 1$ Colors.

For a graph G, let Δ , ω , χ , and χ_{ℓ} denote the maximum degree, clique number, chromatic number, and list chromatic number. In 1977, Borodin and Kostochka conjectured that if $\Delta \geq 9$ and $\omega \leq \Delta - 1$, then $\chi \leq \Delta - 1$. This is best possible in two ways. They also conjectured (unpublished) the same bound for the list-chromatic number, χ_{ℓ} . For claw-free graphs with $\Delta \geq 69$, we prove this list-coloring version of their conjecture. Our proof relies on both the Alon–Tarsi Theorem and the Kernel Method, as well as a Claw-free Structure Theorem, of Chudnovsky and Seymour. This is joint work with Landon Rabern (Franklin & Marshall). (Received January 30, 2017)