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Laura G DeMarco* (demarco@northwestern.edu), Department of Mathematics, Northwestern University, 2033 Sheridan Road, Evanston, IL 60208, and **Sarah Koch**. *Postcritical configurations*.

We study the set of elements in the moduli space $\mathcal{M}_{0,n}$ that arise as the postcritical set for a postcritically finite rational map. For a given configuration $X \in \mathcal{M}_{0,n}$, we also address the question of which combinatorics can be realized as the restriction $f : X \rightarrow X$ for a postcritically finite f with $P(f) = X$. (Received February 01, 2016)