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Jonathan Brundan* (brundan@uoregon.edu), Department of Mathematics, University of Oregon, Eugene, OR 97403, and **Alexander Kleshchev** (klesh@uoregon.edu), Department of Mathematics, University of Oregon, Eugene, OR 97403. *Schur-Weyl duality for higher levels.*

We extend Schur-Weyl duality to an arbitrary level, level one recovering the classical duality between the symmetric and general linear groups. In general, the symmetric group is replaced by some degenerate cyclotomic Hecke algebra, and rational representations of $GL_n(\mathbb{C})$ are replaced some parabolic category \mathcal{O} for the Lie algebra $\mathfrak{gl}_n(\mathbb{C})$. The results can be interpreted as a parabolic analog of Soergel's Endomorphismensatz. (Received February 16, 2006)