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**Mark Pedigo\*** (mark.pedigo@gmail.com), 10110 Sakura Drive, St. Louis, MO 63128. *Lower Central Series and Derived Series of the Free Nilpotent Groups of Finite Rank*. Preliminary report.

In their article, “On the derived subgroup of the free nilpotent groups of finite rank,” Russell D. Blyth, Primož Moravec, and Robert F. Morse discuss the structure of the derived subgroups of the free nilpotent groups of finite rank. Specifically, they construct an isomorphism for such a derived subgroup in terms of a direct product of a nonabelian group and a free abelian group. In this preliminary report, we discuss generalizations of this research to members of the lower central series and derived series.

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