1002-17-108 **Michael Peretzian Williams*** (`skew1823@yahoo.com`), Michael Peretzian Williams, 11710 Old Georgetown RD, Apartment 529, North Bethesda, MD 20852. *Nilpotent N-Lie Algebras.* Preliminary report.

In 1986, Kasymov introduced the concept of nilpotent n-Lie algebras, proved an analog of Engel's Theorem and later proved an analog of Jacobson's refinement of Engel's Theorem. Despite these achievements, the subject of nilpotency in n-Lie algebras has not been examined in great detail in the literature since. We shall explore the concept of nilpotent n-Lie algebras by examining, and proving where possible, other classical nilpotent group theory and nilpotent Lie algebra results, in the n-Lie algebra setting. (Received September 09, 2004)