1014-06-1629   **Eric J Martin*** (`martine@unbc.ca`), Department of Mathematics, 3333 University Way, Prince George, BC V2N 4Z9, Canada, and **John W. Snow**. *Semilattices and Congruence Heredity.* Preliminary report.

The notions of congruence heredity were recently introduced by Pálfy and Hegedűs. A congruence lattice $\mathbf{L}$ of a finite algebra $\mathbf{A}$ is *hereditary* if every $0 - 1$ sublattice of $\mathbf{L}$ is the congruence lattice of an algebra with the same universe as $\mathbf{A}$. $\mathbf{L}$ is *power-hereditary* if every $0 - 1$ sublattice of $\mathbf{L}^{\mathbf{n}}$ is the congruence lattice of an algebra on the universe of $\mathbf{A}^{\mathbf{n}}$ for all n.

We will survey some recent results on algebras with semilattice operations and congruence heredity. (Received September 28, 2005)