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(nathan.f.williams@gmail.com), Nathan Williams, LaCIM, Pavillon Président-Kennedy, 201, Président-Kennedy, 4ème étage, Montréal, Québec H2X 3Y7, Canada. *Why the Fuss?*

We place the program of m -eralizing noncrossing Coxeter-Catalan combinatorics in the context of the corresponding positive Artin monoid. Both noncrossing partitions and cluster complexes have previously been successfully m -eralized, but no m -eralization of c -sortable elements has yet been given. We define m - c -sortable elements as certain elements of the corresponding Artin monoid, and relate these to the existing m -eralized Catalan objects. We define the m -eralized c -Cambrian lattice by naturally extending the construction of the c -Cambrian lattices as a restriction of the weak order to the c -sortable elements. We also construct these lattices using the m -eralized noncrossing partitions—using a construction that is new even for $m=1$ —and the cluster complexes. (Received February 10, 2015)