1070-57-118 **Shawn Rafalski*** (srafalski@fairfield.edu), Fairfield University, Fairfield, CT. *Small hyperbolic polyhedra.*

The existence (or non-existence) of an embedded essential surface provides important information about a 3–manifold. We will discuss an orbifold analogue of this notion, by analyzing the hyperbolic polyhedral 3–orbifolds that contain no embedded essential 2–suborbifolds (up to a canonical decomposition). We will also address the related question of the classification of triangle subgroups of 3–dimensional hyperbolic polyhedral reflection groups. (Received February 04, 2011)