

## Revision of the Windsor Group paleontology: implications for stratigraphic correlation in the Maritimes Basin of Atlantic Canada

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The Windsor Group is an economically important unit in the Maritimes Basin. The macrofaunal zonation of the Windsor Group is a significant aid in understanding the stratigraphy of this unit. A re-evaluation of the paleontology establishes a three part biozone subdivision of the Windsor Group. Based on the paleontological distribution of taxa, the Windsor Group can be divided into: a lower macrofaunal Zone (A subzone/Major Cycle 1); a middle macrofaunal zone (B subzone/Major Cycle 2); and an upper macrofaunal zone (subzones C, D, and E). These biozones also correspond to a stratigraphic division of the Windsor Group into: the Lower Windsor; Middle Windsor; and the Upper Windsor. The Windsor Group lithostratigraphy is complicated due to the plethora of formation and member names applied throughout the Maritimes Basin. The tripartite subdivision of the Windsor Group based on stratigraphy and paleontology simplifies correlation throughout the Maritimes Basin.