The brachiopods of the Upper Ordovician *Hirnantia* fauna from the Holy Cross Mountains of Poland (Góry Świętokrzyskie) are described. The fauna, which includes one new genus (*Plectothyrella*) and four new species (*Philhedra? stawyensis, Hirnantia? kielanae, Platymena? polonica, Plectothyrella platystrophoides*), is compared with occurrences from North Wales and the English Lake District.