## 1023-01-749 Glen R Van Brummelen\* (glen.vanbrummelen@questu.ca), Quest University, P.O. Box 760, Garibaldi Highlands, BC V0N 1T0, Canada. *The Other Book Nobody Read: Georg Rheticus and the* Opus Palatinum.

Georg Rheticus is known to most of us as the man who encouraged his mentor Nicolaus Copernicus to publish his heliocentric planetary theory. A strong mathematician himself, Rheticus's tumultuous life included several important contributions, especially to trigonometry. His *Opus Palatinum*, published in 1596 long after his death, is a massive 1300-page tome, half of it comprising an unprecedentedly massive set of tables of all six trigonometric functions. His description of how he assembled the tables sheds light on his meeting with Gerolamo Cardano, which he had hoped would help his mathematical research. (Received September 21, 2006)