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Euclid's Elements is the most influential book in the history of the teaching of mathematics. Even today, and perhaps inadvertently, most textbooks follow its synthetic approach of presenting some basic principles and, from them, logically deduce the rest of the subject matter. Furthermore, this work has enormously impacted the foundations and instruction of other disciplines (e.g., chemistry and ethics, among others). In fact, it has been repeatedly affirmed that, in the Western hemisphere, no other mathematical book has ran through more different editions or reprints. But very few critics have ever exposed some of its negative consequences. The goal of this talk is to discuss some factors of its detrimental influence, especially concerning the history of the teaching of mathematics. (Received September 17, 2009)