1163-05-751   **Thomas J. Savitsky** and **Steven Schluchter*** (`steven.schluchter@gmail.com`), Department of Mathematical Sciences, George Mason University, 4400 University Drive, MS: 3F2, Fairfax, VA 22030. *Some excluded minors of the spindle surface.*

We will discuss how we identified, via a computer search, 143 excluded minors of the spindle surface, the space formed by the identification of two points of the sphere. We also identified 847 topological obstructions. We give evidence to support our conjecture that our list is complete: Per our search, any additional excluded minors or topological obstructions must have at least 12 vertices and 28 edges. (Received September 12, 2020)