1151-57-144   **Saul Schleimer*** (`s.schleimer@warwick.ac.uk`), Mathematics Institute, University of Warwick, Coventry, CV8 1EG, United Kingdom, and **Henry Segerman** (`segerman@math.okstate.edu`), Department of Mathematics, Oklahoma State University, Stillwater, OK 74078. *The census of transverse veering triangulations.* Preliminary report.

Introduced by Agol, veering triangulations arise in the study of the mapping classes of surfaces, of flows on three-manifolds, of the Thurston norm ball, and of the Cannon-Thurston map. Using a new decomposition of veering triangulations, we have produced the census of transverse veering triangulations up to 16 tetrahedra. Of course, having data leads to the making (and disproving) of conjectures; I will mention several such. The census is available here: `https://math.okstate.edu/people/segerman/veering.html` (Received August 15, 2019)