59. ON 'NEW' COMETS AND THE SIZE OF THE COMETARY CLOUD

G. T. YANOVITSKAYA

Main Astronomical Observatory, Ukrainian Academy of Sciences, Kiev, U.S.S.R.

Abstract. By means of the Oort-Schmidt definition of 'new' comets, Sekanina's catalogue of original and future orbits, and the 2σ and 3σ rules, we have compiled a list of 33 'new' comets. We draw some conclusions concerning the size of the cometary cloud.

Chebotarev et al. (eds.), The Motion, Evolution of Orbits, and Origin of Comets, 346. All Rights Reserved. Copyright © 1972 by the IAU.