

Figure 1. Stream flow discharge pattern of the Ottawa River (October 1, 1995 to September 30, 1996). Data from USGS gauging station 04177000, University of Toledo, Ohio, ca 5 km downstream from study site.

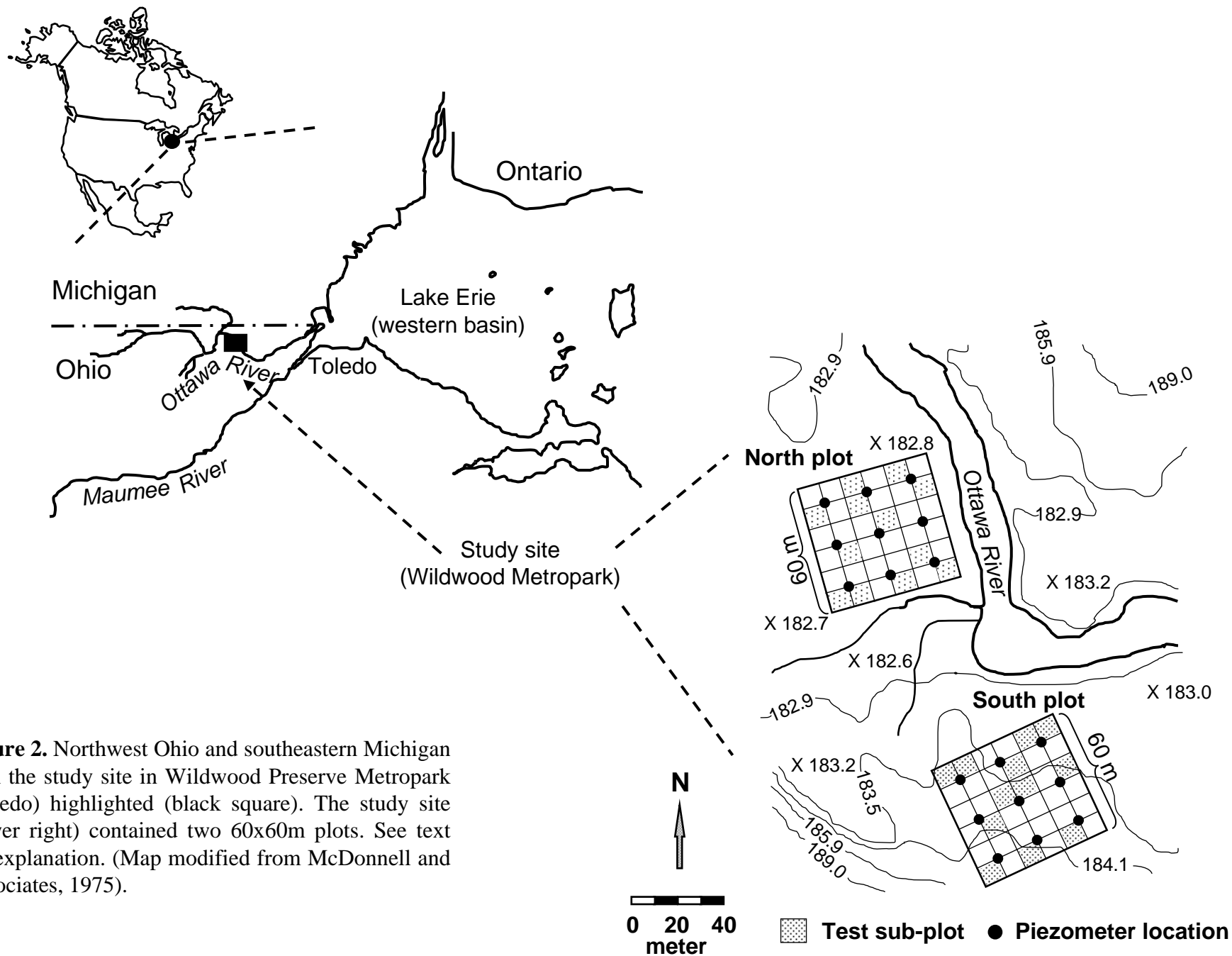


Figure 2. Northwest Ohio and southeastern Michigan with the study site in Wildwood Preserve Metropark (Toledo) highlighted (black square). The study site (lower right) contained two 60x60m plots. See text for explanation. (Map modified from McDonnell and Associates, 1975).

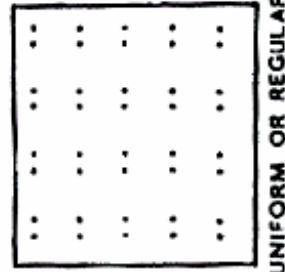
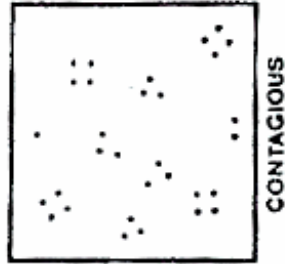
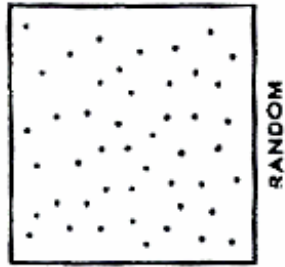


Figure 3

Figure 11.1. Random, contagious, and uniform distributions of individuals in populations of aquatic ecosystems.

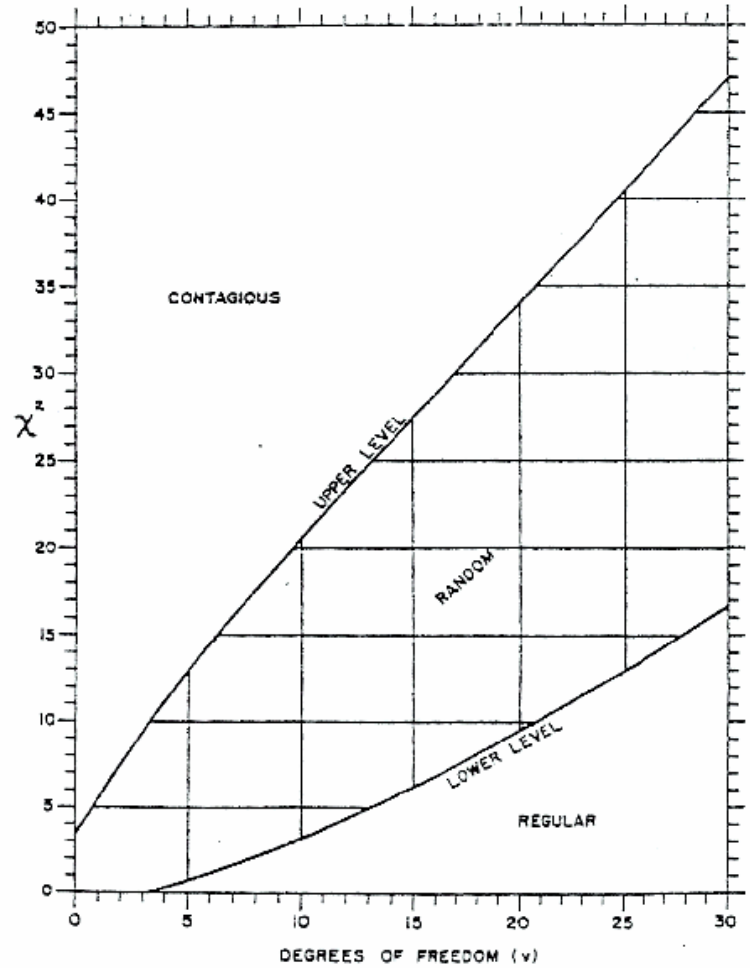


Figure A.2.2. The 5% significance levels of χ^2 . When the χ^2 value lies between significance levels, agreement with Poisson series is accepted at 95% probability level ($P > 0.05$). χ^2 below the lower level indicates regular distribution; χ^2 above the upper level indicates contagious distribution. [Reproduced from Elliott (1977) by permission of the Freshwater Biological Association.]

Figure 4