



FIG. 1. Relationship between average gene diversity H and Ng . Dots represent observed values. The number of dots is less than 72, because some observed values overlap. Solid line: expected relationship for neutral alleles with a mutation rate of $\nu = 10^{-7}$. Dotted line: expected relationship for overdominant alleles with $\nu = 10^{-7}$ and $s = 0.001$. Dot-dashed line: expected relationship for slightly deleterious alleles with $\nu = 10^{-7}$ and $s = 0.002$. This relationship was obtained by using Kimura's (1979) formulas (23) and (24) with $\beta = 0.5$.