Distribution of the Mean Phylogenetic distances of DILUCIDA OMUS under the null Hypothesis 100 120 Mean = 37.14N units = 35CI 2.5% = 33.967N pairs = 595CI 97.5% = 40.13880 Frequency 9 MPD obs = 37.864 p = 0.3344 20 32 36 38 40 42 34 Mean Phylogenetic Distance [My]