**Supplementary Table**

**Table S2.** Details of population and basic genetic diversity measures in four populations from 1993 and 2008. Population: whitefish morphs (LSR: large sparsely rakered, DR: densely rakered, Pure individuals (q<0.2 and q>0.8) and hybrids (q between 0.2-0.8)), year of sampling (Year), sample size (N), observed heterozygosity (Ho), expected heterozygosity (He), rarefacted allelic richness (AR) , *p*-values of exact tests for deviations from expected Hardy-Weinberg proportions (H.-W.) of the studied populations.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Population  | Year | N | Ho | He | AR | H-W test |
| Sb93DR\_Pure | 1993 | 28 | 0.634 | 0.623 | 5.56 | 0.443 |
| Sb93LSR\_Pure | 1993 | 33 | 0.619 | 0.640 | 7.52 | 0.104 |
| Sb93\_Hybrids | 1993 | 32 | 0.613 | 0.630 | 7.55 | 0.525 |
| Sb08\_Hybrids | 2008 | 96 | 0.630 | 0.656 | 7.55 | 0.123 |