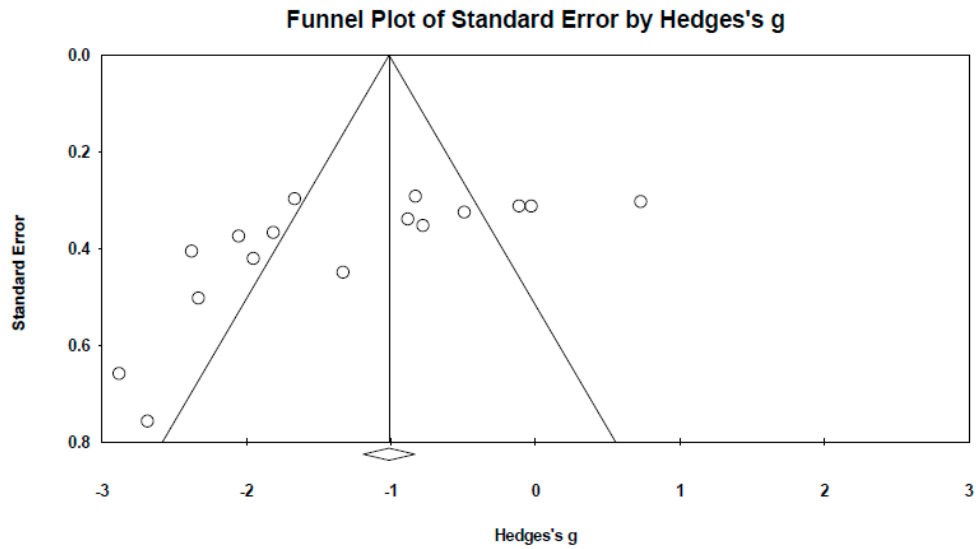
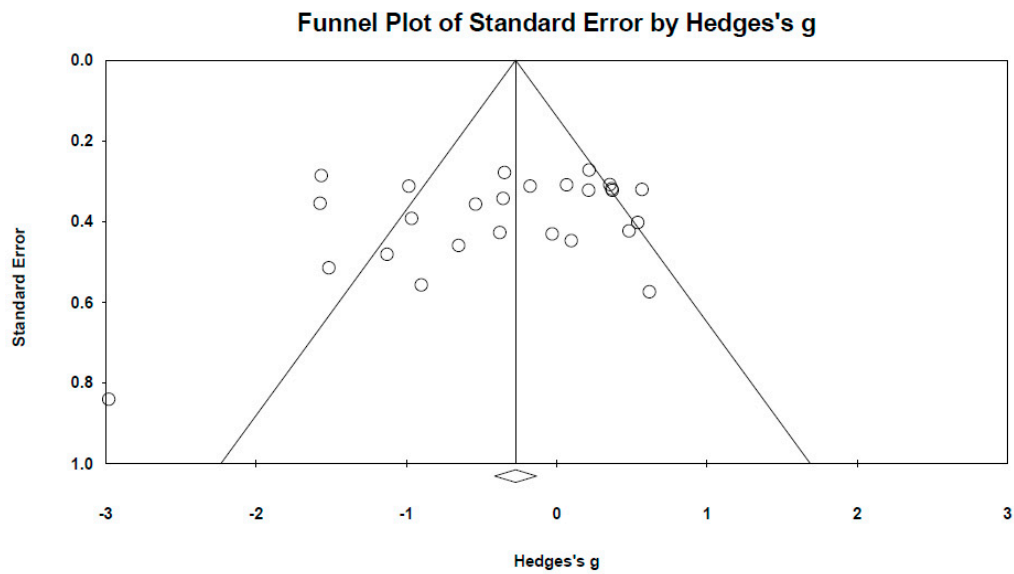


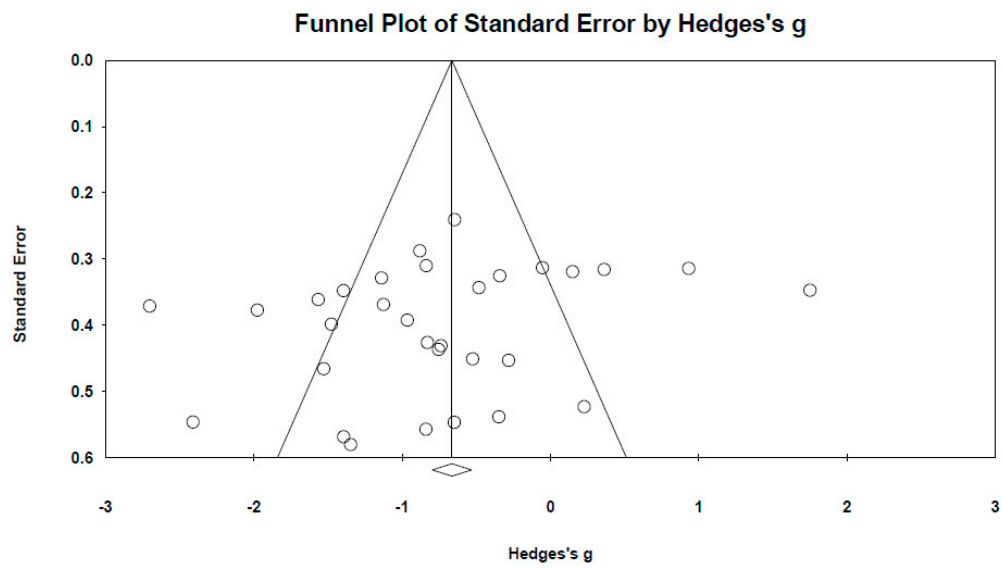
**Figure S1.** Publication bias assessment for the three data sets.



**Figure S1.1.** Funnel plot of the meta-analyses conducted for allelic richness (Ar) data



**Figure S1.2.** Funnel plot of the meta-analyses conducted for inbreeding coefficient ( $F_{IS}$ ) data.



**Figure S1.3.** Funnel plot of the meta-analyses conducted for genetic diversity ( $H_E$ ) data.

**Table S3.1.** Observed and adjusted overall effect size values after Duval & Tweedie's trim and fill procedure on inbreeding ( $F_{IS}$ ) data.

Effects on inbreeding coefficient ( $F_{IS}$ )				
	Studies trimmed	Effect estimate	Lower limit	Upper limit
Observed values		-0.328	-0.615	-0.041
Adjusted values	1	-0.276	-0.572	0.019

**Table S3.2.** Observed and adjusted overall effect size values after Duval & Tweedie's trim and fill procedure on genetic diversity ( $H_E$ ) data.

Effects on genetic diversity ( $H_E$ )				
	Studies trimmed	Effect estimate	Lower limit	Upper limit
Observed values		-0.663	-0.747	-0.531
Adjusted values	9	-0.331	-0.450	-0.211