

Estimating the Genetic Diversity of Ethiopian Noug (*Guizotia abyssinica* (L.f.) Cass.) Genotypes using SSR Markers

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Parameters	Populations								
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Na Freq. 5%	3.86	4.57	4.57	2.36	5.14	1.5	5.5	4.64	2.29
No. Private Alleles	0.21	0.36	0.36	0	1.14	0	0.43	0	0.14
No. LComm Alleles (25%)	0.29	0.5	0.5	0.14	0.57	0	0.79	0.14	0.07
No. LComm Alleles (50%)	0.71	1.71	1.57	0.57	1.79	0.21	1.93	1.14	0.21
Shannon's Information Index (I)	1.16	1.54	1.46	0.78	1.64	0.31	1.54	1.4	0.75

Na=No. of Different Alleles; Na (Freq. 5%)=No. of Different Alleles with a Frequency 5%; Ne=No. of Effective Alleles; I=Shannon's Information Index; No. LComm Alleles (25%)=No. of Locally Common Alleles (Freq. 5%) Found in 25% or Fewer Populations; No. LComm Alleles (50%)=No. of Locally Common Alleles (Freq. 5%) Found in 50% or Fewer Populations.3

