

TABLE S15 | Number of migrants per generation and effective population size for *Piaractus orinoquensis* with microsatellite data. Nm ($4Nm$) above and below the diagonal and N_e ($\Theta/4\mu$) on the diagonal from the maximum value of the confidence interval. μ =mutation taxa for microsatellites 10^{-4} .

Location\Gene flow	$Nm1 \leftarrow X$	$Nm2 \leftarrow X$	$Nm3 \leftarrow X$	$Nm4 \leftarrow X$	$Nm5 \leftarrow X$
1. Meta	1208	4.73	2.48	4.35	4.75
2. Puerto Carreño (Middle Orinoco)	3.63	1458	7.22	3.08	4.75
3. Apure	4.63	4.64	1625	5.70	2.03
4. Guaviare	3.05	3.94	5.27	2500	4.31
5. San Felix (Lower Orinoco)	2.61	4.38	6.63	4.95	1583



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