

Table 3 Relationships between fecundity and other parameters in *P.altipinnis* in Ogbese River

Fecundity versus	n	a	b	r	r ²	Functional equation (F=ax ^b)	Significance at 1%
Gonad weight	84	706.9	1,769.0	0.901	0.813	F=706.9(GW) ^{1.769.0}	Significant
Body weight	84	35.4	1,096.0	0.219	0.048	F=35.4(BW) ^{1.096.0}	Not Significant
Total length	84	394.8	3,489.0	0.309	0.096	F=394.8(TL) ^{3.489.0}	Not significant
Gonadosomatic index	84	168.8	376.2	0.612	0.375	F=168.8(GSI) ^{376.2}	Significant
Condition factor	84	-939.7	3,881.0	0.105	0.011	F=-939.7(C.F) ^{3.881.0}	Not significant

Note: n = number of fish, a = intercept, b = slope, r² = coefficient of determination, r = correlation coefficient