

Supplementary table 1: Details of the *Labeobarbus kimberleyensis* (LKIM) and *L. aeneus* (LAEN) individuals tagged in the radio telemetry study including transmitter (tag) information, capture and last monitored dates, general information of each individual and number of observations obtained

Fish ID	Tag frequency	Date tagged	Last date monitored	Frequency of observations (days)	Mass (g)	Fork length (mm)	Transmitter model	Observations (fixes)	% Contribution
LKIM1	142.036	9-Nov-06	7-Jul-07	5.7	4381	670	ATS-2030	42 (168)	16.8%
LKIM2	142.064	9-Nov-06	1-Jul-07	9.8	2215	540	ATS-2030	24 (96)	9.6%
LKIM3	142.074	9-Nov-06	20-Jun-07	8.9	5047	700	ATS-2030	25 (100)	10.0%
LKIM4	142.234	15-Apr-07	3-Nov-07	7.3	2215	540	ATS-2030	19 (76)	7.6%
LKIM5	142.262	2-Jun-07	26-Feb-08	9.3	6200	770	ATS-2030	29 (116)	11.6%
LKIM6	142.351	14-May-07	20-May-07	12.0	3400	620	ATS-2030	2 (12)	1.2%
LKIM7	142.373	14-May-07	3-Nov-07	20.1	1700	520	ATS-2030	7 (28)	2.8%
LKIM8	142.383	30-Aug-07	30-Jan-08	15.3	5000	680	ATS-2030	10 (40)	4.0%
LKIM9	142.402	7-Jul-07	31-Aug-07	5.5	4900	690	ATS-2030	10 (40)	4.0%
LKIM10	142.424	14-May-07	3-Nov-07	12.2	3000	570	ATS-2030	14 (56)	5.6%
LKIM11	142.442	7-Jul-07	3-Nov-07	10.8	2900	600	ATS-2030	11 (44)	4.4%
LKIM12	142.213	27-Jun-09	12-Jul-09	15.0	3300	630	ATS-2120	1 (4)	0.4%
LKIM13	142.242	20-Jul-09	7-May-10	16.2	3500	630	ATS-2120	18 (72)	7.2%
LKIM14	142.253	26-Jul-09	2-Feb-10	9.1	3000	580	ATS-2120	21 (84)	8.4%
LKIM15	142.261	24-Aug-10	7-Oct-10	5.4	3000	550	ATS-2120	8 (32)	3.2%
LKIM16	142.272	22-Jul-09	7-May-10	289.0	3500	590	ATS-2120	1 (4)	0.4%
LKIM17	142.281	22-Jul-09	8-Dec-09	19.9	3700	640	ATS-2120	7 (28)	2.8%
LKIM18	142.283	21-May-09	22-Sep-09	62.0	2000	530	ATS-2120	2 (8)	0.8%
LKIM19	142.302	22-May-09	7-May-10	175.0	4200	610	ATS-2120	2 (8)	0.8%
LKIM20	142.322	26-May-09	16-Nov-09	29.0	5800	710	ATS-2120	6 (24)	2.4%
LKIM21	142.331	26-Jul-09	7-May-10	71.3	4100	610	ATS-2120	4 (16)	1.6%
LKIM22	142.422	29-Jun-09	22-Sep-09	42.5	4500	630	ATS-2120	2 (8)	0.8%
LAEN1	142.017	23-Sep-06	24-May-07	4.1	3200	550	ATS-2030	60 (240)	15.2%
LAEN2	142.026	9-Nov-06	29-Jun-07	7.3	3881	640	ATS-2030	32 (128)	8.1%
LAEN3	142.045	4-Nov-06	11-Jan-07	13.6	1715	500	ATS-2030	5 (20)	1.3%
LAEN4	142.056	5-Nov-06	22-Feb-07	6.1	1050	310	ATS-2030	18 (20)	4.6%
LAEN5	142.083	2-Sep-06	21-Sep-06	4.5	3300	520	ATS-2030	11 (44)	2.8%
LAEN6	142.203	19-Sep-07	17-Oct-07	5.6	2100	550	ATS-2030	5 (20)	1.3%
LAEN7	142.322	9-Aug-06	11-Dec-06	2.5	3381	610	ATS-2030	49 (196)	12.4%
LAEN8	142.333	7-Apr-07	26-Oct-07	4.8	2215	550	ATS-2030	42 (168)	10.7%
LAEN9	142.363	30-Aug-07	3-Nov-07	21.7	3000	625	ATS-2030	3 (12)	0.8%
LAEN10	142.435	12-Sep-07	8-Mar-08	12.6	2000	515	ATS-2030	14 (56)	3.6%
LAEN11	142.456	14-May-07	3-Nov-07	43.3	4100	645	ATS-2030	4 (16)	1.0%
LAEN12	142.466	2-Sep-07	20-Jan-08	9.3	1600	490	ATS-2030	15 (60)	3.8%
LAEN13	142.402	3-Apr-09	16-May-10	3.0	2700	573	ATS-2120	136 (544)	34.5%