

# Gabon Field Trip

## July 19-August 28, 2009

Carl Hopkins

Jason Gallant

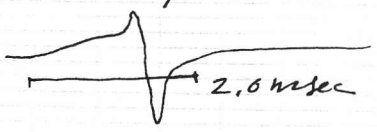
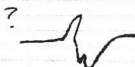

Bruce Carlson

Matthew Arnegard

Jean Daniel MBega

Marie Françoise EVA

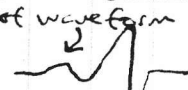
START of 2009-expedition

SPECIMEN NO.	LOCALITY	DATE	SPECIES	SEX	SL	EOD FILE NAME	Electric Organ	MICROSAT	F/INCLIP	RNA Electric Organ	DNA	SPI	PLAYBACK	BRAIN	LONG EOI	COMMENTS
6487	2009-001	25-JUL	Paramormyrops kingsleyae (N)	juv	70.5mm	PKING-N-6487	X	X				X	X	X	X	N-type; dried overnight
6488	2009-001	25 JULY	Para. Kingsleyae (N-type)		84.0mm	PKING-N-6488	X	X				X	X	X	X	AC and DC recording
6489	2009-001	25 July	Para. Kingsleyae (N-type)	Juv.	74 <sup>5</sup> mm	PKING-N-6489	X	X				X	X	X	X	Net is ~ 0.4V/5g/cm
6490	2009-001	25 jul	Paramormyrops kingsleyae (N-type)	juv	72.0	PKING-N-6490	X	X							X	DC recordings
6491	Note locality? 2009-002	25 jul	" (N-type)	juv	68.	PKING-N-6491	X	X				X	X		X	
6492	2009-001	25 jul	" (N-type)	juv	47	PKING-N-6492	X	X							X	
6493	2009-001	25 Jul	" (N-type)	JUV	61.5	PKING-N-6493	X	X							X	
6494	2009-001	26-Jul	" (N-type)	JUV	69.5	PKING-N-6494	X	X							X	
6495	2009-001	26-Jul	" (N-type)	JUV	46.5	PKING-N-6495	X								X	Strange EOD? 
6496	2009-001	26-Jul	" (N-type)	JUV	62.0	PKING-N-6496	X	X							X	
6497	2009-001	26-Jul	" (N-type)	JUV	46	PKING-N-6497	X	X							X	Some EODs are noted as long records accidentally in file! *
6498	2009-001	26 Jul	" (N-type)	JUV	44	PKING-N-6498	X	X							X	
6499	2009-001	26 Jul	" (N-type)	JUV	43	PKING-N-6499	X	X							X	
6500	2009-001	26-Jul	" (N-type)	JUV	44.5	PKING-N-6500	X	X							X	
6501	2009-001	26-Jul	" (N-type)	JUV	55	PKING-N-6501	X	X							X	
6502	2009-001	26-Jul	" (N-type)	JUV	40	PKING-N-6502	X	X							X	
6503	2009-001	26 Jul	" (N-type) (P-type)	JUV	45.5	PKING-P-6503	X	X						X	X	2 sec No see a small P <sub>0</sub> + 2min rest probably a P-type!
Note: the D.C. recording gives a very small + peak before P1  + DC record. 1 sec. AC coupling Re-recorded @ AC coupling																
6504 (P-type)	2009-001	26 Jul	Paramormyrops kingsleyae N	juv	42	PKING-N-6504	X								X	D.C. coupled
6505	2009-001	"	" P-Type	juv	46	PKING-P-6505	X								X	D.C. coupled
6506	09-001	26 jul	" N-Type	juv	44.0	PKING-N-6506	X							X	X	D.C. gain actually 10x not 16x
6507	09-001	"	" P-type	juv	44.0	PKING-P-6507	X							X	X	D.C.

↑ ← all nighttime recordings

PECIMEN#	LOC.#	DATE	SPECIES	SEX	S.L.	EOD FILE NAME	Electric Organ Disc	Microstell	RNA Electric Org	DNA	SPI	Playbacks	BRAIN	LONG EOD	COMMENTS
6508	2009-001	26-Jul	P. Kingsleyae P-type	juv.	37	PKING_P_6508	X							X	D.C.
6509	2009-001	26-Jul	" " <del>N-type</del> N-type	juv	32.0	PKING_N_6509	X								D.C.
6510	2009-001	26-Jul	" " P-type	juv	38	PKING_P_6510	X							X	D.C.
6511	2009-002	26 Jul	" " N-type	juv	51	PKING_N_6511	X								D.C.
6512	2009-002	26 Jul	" " N-type	juv	61	PKING_N_6512	X								D.C.
6513	2009-002	26 Jul	" " N-type	juv	59	PKING_N_6513	X								D.C.
6514	2009-002	26 Jul	" " N-type	juv	58	PKING_N_6514	X								D.C.
6515	2009-002	26 Jul	" " N-type		55	PKING_N_6515	X								D.C.
6516	2009-002	26 Jul	" " N-type		48.0	PKING_N_6516	X								D.C.
6517	2009-002	26 Jul	" " N-type		48.0	PKING_N_6517	X								D.C.
6518	2009-002	26 Jul	" " N-type		51.5	PKING_N_6517	X								D.C.
6519	2009-005	26 Jul	<del>Mormyrops</del> Zandirostrus	Adult Possible	208.5	MEANC_6519	X	Ho		X					D.C. → M. zam: reverse polarity (normal for species) D.C. only on EOD; in back shape! fell silent in tank.
6520	2009-003	26 Jul	Paramormyrops Magnostipes?	F	132 mm	N/A									Dead on Arrival; no EOD Hook and line caught
6521	2009-003	26 Jul	Para. SN? (offouensis)	Juv- Adult	120 mm	PSNX_6521	X				X	X			1.5 ms EOD M.H.A. identifies ✓ D.C. Hook + Line
6522	"	"	Marcusenius moori	Adult		MMOOR_6522	X				X				X large on had and fin reflex M.H.A. identifies ✓ D.C.
6523	"	"	Paramormyrops offouensis <small>(long translation)</small>	Adult	156 mm	POFFO_6523	X				X				X Paramormyrops offouensis weak signal. D.C. secondary 4ms eod.
6524	"	"	Mormyrops nigricans	juv.		MNIGR_6524	X				X				
6525	"	"	Paramorm. offouensis	ad. ♂	148 mm	POFFO_6525	X				X				
6526	2009-003		Mormyrops nigricans			MNIGR_6526	X								
6527	2009-004	27-Jul	Paramormyrops Kingsleyae(?)	♀	84 mm	PKING_X_6527	X	X			X	X	X	X	
6528	2009-004	27-Jul	Paramormyrops Kingsleyae(?)	♀	90 mm		X				X	X	X	X	Photographed by Carl EOD by BAC
6529	2009-004	27-Jul	Paramormyrops Kingsleyae(?)	♂	80 mm		X				X	X	X	X	Photographed by Carl EOD by BAC

SPECIMEN #	LOC#	DATE	SPECIES	SEX	SL	EOD FILE NAME	Electric organ discharges	microsatell	RNA Electric c or	DNA	SPI	Playback	Brain	Long EOP	COMMENTS
6530	2009-004	28-Jul	Paramormyrops Kingsleye (?)	♀	94.0	PKING-X-6530	X	X			X	X	X	X	All fish from 004 taken with rotenone BATHBOTTO creek
6531	2009-004	28-Jul	Paramormyrops Kingsleye. N	♀	98.0	PKING-N-6531	X	X			X	X	X	X	
6532	2009-004	28-Jul	" " ?	♂	107	PKING-X-6532	X	X			X	X	X	X	
6533	2009-004	28-Jul	Paramormyrops Kingsleye ?	♀	110	PKING-X-6533	X	X			X	X	X	X	
6534	2009-004	27-Jul	Paramormyrops Kingsleye P	juv	75.0	PKING-P-6534	X	X			X	X	X	X	Salt added to recording chamber; now 42.2 us/cm
6535	"	27 Jul	" " (N)	adult ♂	143	PKING-N-6535	X	X			X	X	X	X	23.6°C Long rec A.C. coupled rest are D.C.
6536	"	"	" " (N)	ad ♂	136.5	PKING-N-6536	X	X			X	X	X	X	from now on we will make a short EOPs
6537	"	"	" " N	ad. ♀?	97	PKING-N-6537	X	X			X	X	X	X	& then one 1.2 Neg-spike
6538	"	"	" " N	ad ♂	128.0	PKING-N-6538	X	X			X	X	X	X	EOD all at 100 kHz.
6539	"	"	" " N	ad ♀	97.0	PKING-N-6539	X	X			X	X	X	X	for analysis
6540	2009-004	27 July	" " N	juv ♀	76	PKING-N-6540	X	X			X	X	X	X	recording # 2 is <u>DC</u> not <u>AC</u> coupled!
6541	2009-004	27 July	Paramormyrops Kingsleye P	juv. ♀	84	PKING-P-6541	X	X			X	X	X	X	nice PO! - for use in Bruce's Playback expts #
6542	2009-004	27-July	" " N	juv ♂	87.0	PKING-N-6542	X	X			X	X	X	X	PO seems smaller than 6541?
6543	2009-004	27-July	" " P	juv ♀	98.0	PKING-P-6543	X	X			X	X	X	X	
6544	2009-004	27-July	" " N	Juv.	68.5	PKING-N-6544	X	X			X	X	X	X	
6545	2009-004	27-July	" " N	Juv.	89.5	PKING-N-6545	X	X			X	X	X	X	Does this have a tiny PO
6546	"	"	" " (P)	Juv.	61.0	PKING-P-6546	X	X			X	X	X	X	
6547	"	"	" " (N)	Juv. ♂?	79.5	PKING-N-6547	X	X			X	X	X	X	
6548	2009-004	28-July	Paramormyrops Kingsleye P?	Juv ♂	73.0mm	PKING-P-6548	X	X			X	X	X	X	Switched to Bruce's BMA-200; conductivity = 51.1 us/cm
6549	2009-004	"	" " ?	Juv ♀	91.0mm	PKING-X-6549	X	X			X	X	X	X	
6550	"	"	" " mixed?	JUV ♀	70.5mm	PKING-X-6550	X	X			X	X	X	X	EOD has small oscillation near location of PO?
6551	"	"	" " P?	JUV ?	64.5mm	PKING-P-6551	X	X			X	X	X	X	PO is sometimes visible; very small.
6552	"	"	" " mixed?	JUV ♀	76.0mm	PKING-X-6552	X	X			X	X	X	X	weaker oscillation & squiggle of waveform







Specimen No.	Locality	Date	Species Name (signal Type)	Sex	SL (mm)	File name	Elect. Vols. organ	Microsect Fin CLIP	RNA Electric Org.	DNA SAMPLE	SPI	Playback	Brain	Long EOJ	Comments
6599	2009-004	30-Jul	Paramormyrops kingsleyae (?)	JUV	47	PKING-X-6599	X	X						X	
6600	" "	" "	" " (?)	JUV	45.5	PKING-X-6600	X	X						X	
6601	" "	" "	" " (?)	JUV	41.0mm	PKING-X-6601	X	X						X	
6602	" "	" "	" " (?)	JUV	52.0mm	PKING-X-6602	X	X						X	
6603	" "	" "	" " (?)	JUV	47.0	PKING-X-6603	X	X						X	
6604	" "	" "	" " ?	JUV	44.0	PKING-X-6604	X	X						X	
6605	" "	" "	" " (?)	JUV	51.0	PKING-X-6605	X	X						X	Remaining fish from 2009-004 sent to Ithaca, NY w/ CDH.
6606	2009-011	1-Aug	Paramormyrops kingsleyae (?)	JUV	57.0	PKING-X-6606	X	X						X	
6607	" "	" "	" " "	JUV ♀?	65.0	PKING-X- <del>6607</del>	X	X						X	all of these fish have small "ocillation" prior to P <sub>0</sub> also!
6608	" "	" "	" " (?)	JUV	50	PKING-X-6608	X	X						X	
6609	" "	" "	" " (?)	JUV	48	PKING-X-6609	X	X						X	
6610	" "	" "	" " (?)	JUV	59	PKING-X-6610	X	X						X	
6611	" "	" "	" " (?)	♂?	87	PKING-X-6611	X	X						X	
6612	" "	" "	" " "	♀	85	PKING-X-6612	X	X						X	
6613	" "	" "	" " (?)	♀?	73	PKING-X-6613	X	X						X	
6614	" "	" "	" " (?)	JUV	56	PKING-X-6614	X	X						X	
6615	" "	" "	" " (?)	JUV	54	PKING-X-6615	X	X						X	more n-like?
6616	" "	" "	" " (?)	♂?	74.0mm	PKING-X-6616	X	X						X	
6617	2009-012	1-Aug	Paramormyrops kingsleyae (?)	♀	96.0	PKING-X-6617	X	X						X	
6618	" "	1-Aug	" " (?)	♀/JUV?	74	PKING-X-6618	X	X						X	
6619	2009-013	1-Aug	Paramormyrops kingsleyae (?)	JUV	50	PKING-X-6619	X	X						X	more n-like? *
6620	" "	" "	" " (?)	JUV	58	PKING-X-6620	X	X						X	LOCATION # is incorrect * for the files!
6621	" "	" "	" " (?)	JUV	49	PKING-X-6621	X	X						X	listed as 2009-012! *

SPECIMEN #	LOCALITY	DATE	SPECIES NAME (Syncl)	Sex	SL	File name	Electric Organ Tissue	MICROSAT FIN CLIP	RNA Electric Oligo	DNA Sample	SPI	Pluckback	Brain	Long EOD	COMMENTS
6622	2009-013	1-Aug	Paramormyrops kingsleyae	JUV	56mm	PKING-X-6622	X	X						X	
6623	" "	" "	" (?)	JUV	64mm	PKING-X-6623	X	X						X	<del>6622</del> Incorrectly listed in file as 2009-012 * Labeled correctly in file. * As 2009-012
6624	2009-013	" "	Paramormyrops kingsleyae (?)	JUV	60mm	PKING-X-6624	X	X						X	Labeled correctly for Location in file
6625	" "	" "	" (?)	JUV	55mm	PKING-X-6625	X	X						X	
6626	" "	" "	Paramormyrops kingsleyae	JUV	53mm	PKING-X-6626	X	X						X	
6627	" "	" "	" (?)	JUV	53mm	PKING-X-6627	X	X						X	
6628	" "	" "	" (?)	JUV	50mm	PKING-X-6628	X	X						X	
6629	" "	" "	" (?)	JUV	44mm	PKING-X-6629	X	X						X	
6630	N/A														
6631	2009-012		Stomatohinus spp.	♀	55mm	STOM-6631	X			X			X	X	Injured
6632	2009-014	2-Aug	Synodontis spp		44mm	no eod				X					
6633	" "	" "	Paramormyrops offuscatus			POFFO-6633	X							X	
6634	" "	" "	Marcusenius moori								X	X	X		
6635	" "	" "	Marcusenius moori									X	X		
6636	2009-015	" "	Paramormyrops ngoveniensis			PNGON-6636	X			X	X		X	X	
6637	2009-015	2-Aug	Marcusenius moori	♀/juv	110mm	MMOOR-6637	X			X				X	
6638	" "	2-Aug	Marcusenius moori	♀	138mm	MMOOR-6638	X			X				X	
6639	" "	" "	Mormyrops zanchirostris								X		X		
6640	" "	" "	Marcusenius moori	♂	165"	MMOOR-6640	X			X				X	
6641	" "	" "	Stomatohinus spp.								X				Died before recording
6642	" "	" "	Stomatohinus walkeri			SWALK-6642	X				X		X		Strange EOD: rotone effect? MEA says EOD OK for #6642 - within normal variability of stom EODS!
6643	" "	" "	Marcusenius moori	♂	143.5	MMOOR-6643				X				X	
6644	" "	" "	Mormyrops zanchirostris	♀?	196	MZANCH-6044				X					



Specimen No.	Locality	Date	Species Name (sigal type)	Sex	SL	Fibroneme	Electric organ disk	Microst Fin clip	RNA Elect. Org.	DNA Sample	SPI	Platyk	Bain	Long EOD	Comment
6645	2009-05 ZZ Aug	2-Aug	Mormyrops zochlirostrus	♀?	162	MZANCH-6645	X		X					X	
6646	2009-012	3-Aug	Magnostipes complex									X			
6647	2009-012	3-Aug	Magnostipes complex									X			
6648	2009-015	3-Aug	Stomatorhinus welkeri	Adult ♀?	60mm	STOM-6648	X			X				X	
6649	2009-015	3-Aug	Stomatorhinus welkeri	♀	74.5mm	STOM-6649	X			X				X	
6650	" "	" "	Paramormyrops NZO	♀?	97mm	PNDN-6650	X			X				X	Distinctive from other sharp snouts collected @ this site.
6651	" "	" "	Paramormyrops offouensis?	♀?	113mm	POFFO-6651	X			X				X	
6652	" "	" "	" "	♀	119mm	POFFO-6652	X			X				X	
6653	" "	" "	Paramormyrops SN2	♀	134mm	PSN2-6653	X			X				X	
6654	2009-016	3-Aug	Marcuserius moori		171mm	MMOOR-6654	X							X	
6655	2009-016	3-Aug	Paramormyrops bongolensis	♂	154mm	PBONG-6655	X		X	X				X	nice specimen! distinctive EOD, morphology; sharp snout? whoa!! Big EOD!
6656	" "	3-Aug	Mormyrops nigricus	♀?	265mm	MNIGR-6656	X		X						
6657	2009-017	4-Aug	Cichlidae sp. 1	♂?	~87mm	no eod		X							} Arnegard fin clips
6658	Rotempre station in chutes de Bongolo: drizzled a small amount at side in rocks	↓	Cichlidae sp. 1	?	41mm	no eod		X							
6659			Cichlidae sp. 2	?	53mm	no eod		X							
6660			Cichlidae sp. 3	?	72mm	no eod		X							
6661			Hemichromis cf. elongatus	?	47mm	no eod		X							
6662			" "	?	42mm	no eod		X							
6663			Amphilius sp. (Amphiliidae)?	?	47mm	no eod		X							
6664			Catfish sp.		35.5	no eod.		X							
6665			2009-017	4-Aug	Vindomyrus marchei	♀	118.5	IMAR <sup>M</sup> -6665	X	X					
6666	2009-017	" "	Vindomyrus marchei							X	X	X			

Specimen No.	Location	Date	Species Name	Sex	SL (mm)	File name	Electric Organ Digi	Microset Fin Clip	RNA Electric Dige	DNA Sample	STI	Plybeck	Brain	Long EOD
6667	2009-017	4-Aug	<i>Uindomyrus marchei</i>				X				X		X	
6668	2009-017	4-Aug	<i>Uindomyrus marchei</i>				X				X		X	
6669	2009-017	4-Aug	<i>Uindomyrus marchei</i>				X				X		X	
6670	2009-017	4-Aug	<i>Petrocephalus</i> sp. cf. <sup>sullivanii</sup> <del>simus</del>	♀	80mm						X		X	
6671	2009-017	4-Aug	<i>Petrocephalus</i> sp. cf. <sup>sullivanii</sup> <del>simus</del>	"	98mm		X				X		X	
6672	2009-016	5 Aug	<i>Paramormyrops affouensis</i>	♀	153	POFO-6672	X		X					X
6673	200-017	5-Aug	<i>Uindomyrus marchei</i>	♀	111	IMARCH-6673	X			X				X
6674	"	"	"	♀	118	IMARCH-6674	X			X				X
6675	2009-018	5-Aug	<i>Paramormyrops Kinglakei</i> (P)	♂	89	PKING-P-6675	X	X						X
6676	"	"	"	♂?	58	PKING-P-6676	X	X						X
6677	"	"	"	♀	55	PKING-P-6677	X	X						X
6678	"	"	"	♀	61	PKING-P-6678	X	X						X
6679	"	"	"	Juv/f	51	PKING-P-6679	X	X						X
6680	"	"	"	Juv/f	52	PKING-P-6680	X	X						X
6681	"	"	" (?)	Juv/f	50	PKING-X-6681	X	X						X
6682	"	"	" P	? ♂	84	PKING-P-6682	X	X						X
6683	"	"	" P	Juv/f	49	PKING-P-6683	X	X						X
6684	"	"	" "	Juv/f	46	PKING-P-6684	X	X						X
6685	"	"	" "	♀?	69	PKING-P-6685	X	X						X
6686	"	"	" "	♂	82	PKING-P-6686	X	X						X
6687	"	"	" "		51mm	PKING-P-6687	X	X						X
6688	2009-017	6-Aug	<i>Uindomyrus marchei</i>				X				X		X	

Comments.  
 BAC EOD  
 " "  
 " "  
 } Arnegard determined these as *simus* after first thinking they were *sullivanii*. Find lips for both biphasic EOD. very check Krista profile of head.

Difficult for me (MEA) to distinguish these *Petrocephalus* spp. w/o having many examples in front of me. Bruce and I need to verify calls w/ cyt b... although I'm pretty confident these are *simus*

2009-018  
 BAC EOD

Specimen No.	Location	Date	Species Name	Sex	SL (mm)	Filename	FOD	Microsat FIN CLIP	KNA Electric Org	DNA -SAMPLE	SP1	Playback	Brain	LONG EOD	Comments
6689	2009-07	6-Aug	<i>Vindomyrus marchei</i>				X					X	X		BAC EOD
6690	2009-07	6-Aug	<i>Vindomyrus marchei</i>				X					X	X		" "
6691	2009-017	6-Aug	<i>Vindomyrus marchei</i>	♀	124	IMARCH-6691	X		X					X	
6692	" "	" "	"	♀	123	IMARCH-6692	X		X					X	
6693	" "	" "	"	♀	115	IMARCH-6693	X		X					X	
6694	" "	" "	"	♀	130	IMARCH-6694	X		X					X	
6695	2009-16	6-Aug	<i>Paramormyrops affinis</i>	♀	136	POFFO-6695	X		X					X	
6696	<del>2009-019</del>	" "	"	♀	172	POFFO-6696	X		X					X	
6697	" "	" "	"	♀	163	POFFO-6697	X		X					X	Fish may be injured from Traps
6698	2009-019	" "	<i>Paramormyrops bangdaniensis</i>	♀	142	PBONG-6698	X		X					X	
6699	" "	" "	"	♂	164	PBONG-6699	X		X					X	
6700	" "	" "	"	♀	138	PBONG-6700	X		X					X	
6701	2009- <del>017</del>	" "	<i>Mormyrops nigricus</i>	♀	205	MNIGR-6701	X		X					X	One-eyed; lcyson bottom seems suprised when net comes!
6702	2009-019	" "	<i>Mormyrops nigricus</i>	♂	214	MNIGR-6702	X		X					X	
6703	2009-015	6-Aug	<i>Paramormyrops magnostipes</i>												
6704	2009-015	" "	"												
6705	2009-015	" "	"												
6706	2009-015	" "	"												
6707	2009-018	" "	<i>Paramormyrops kingsleyae</i> (P)	♀/juv	50	PKING-P-6707	X	X						X	
6708	" "	" "	" (P)	juv	41	PKING-P-6708	X	X						X	
6709	" "	" "	" (P)	juv	69mm	PKING-P-6709	X	X						X	
6710	" "	" "	" (P)			PKING-P-6710	X	X						X	

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| Specimen No. | SLUG LOCATION | DATE  | SPECIES NAME                 | Sex    | SL (mm) | FILENAME     | EOD | MICROSAT FIN CLIP | RNA Electric Org. | DNA SAMPLE | SPI | Play back | Brain | Long | God | Comments                                                                                                                                          |
|--------------|---------------|-------|------------------------------|--------|---------|--------------|-----|-------------------|-------------------|------------|-----|-----------|-------|------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 6711         | 2009-018      | 6-Aug | Paramormyrops Kingsleyae "P" | Juv    | 51      | PKING-P-6711 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6712         | " "           | " "   | " " P                        | Juv/♀? | 77      | PKING-P-6712 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6713         | " "           | " "   | " " P                        | JUV    | 55      | PKING-P-6713 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6714         | " "           | " "   | " "                          | JUV    | 45      | PKING-P-6714 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6715         | " "           | " "   | " "                          | Juv ♂? | 61      | PKING-P-6715 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6716         | 2009-002      | 7-Aug | Paramormyrops Kingsleyae     | ♀/Juv  | 92.5    | PKING-P-6716 | X   | X                 | X                 |            |     | X         |       | X    | X   | for BAC's experiments fish may have specimen numbers +1 due to accounting error. <u>This</u> is the definitive number for these fish. JRS 8-10-09 |
| 6717         | " "           | " "   | " "                          | ♀/Juv  | 94      | PKING-P-6717 | X   | X                 | X                 |            |     | X         |       | X    | X   |                                                                                                                                                   |
| 6718         | " "           | " "   | " "                          | ♀/Juv  | 91      | PKING-P-6718 | X   | X                 | X                 |            |     | X         |       | X    | X   |                                                                                                                                                   |
| 6719         | " "           | " "   | " "                          | ♀/Juv  | 86.5    | PKING-P-6719 | X   | X                 | X                 |            |     | X         |       | X    | X   |                                                                                                                                                   |
| 6720         | " "           | " "   | " "                          | ♀/Juv  | 102     | PKING-P-6720 | X   | X                 | X                 |            |     | X         |       | X    | X   |                                                                                                                                                   |
| 6721         | " "           | " "   | " "                          | ♀/Juv  | 85      | PKING-P-6721 | X   | X                 | X                 |            | X   | X         |       | X    | X   |                                                                                                                                                   |
| 6722         | " "           | " "   | " "                          | ♀/Juv  | 89      | PKING-P-6722 | X   | X                 | X                 |            |     | X         |       | X    | X   |                                                                                                                                                   |
| 6723         | " "           | " "   | " "                          | ♀/Juv  | 100     | PKING-P-6723 | X   | X                 | X                 |            |     | X         |       | X    | X   |                                                                                                                                                   |
| 6724         | " "           | " "   | " "                          | ♀/Juv  | 100     | PKING-P-6724 | X   | X                 | X                 |            | X   | X         |       | X    | X   |                                                                                                                                                   |
| 6725         | " "           | " "   | " "                          | ♂      | 103     | PKING-P-6725 | X   |                   |                   |            | X   | X         |       | X    | X   |                                                                                                                                                   |
| 6726         | " "           | 8-Aug | Paramormyrops spp?           | ♀/Juv  | 72mm    | PUNK-6726    | X   |                   |                   | X          |     |           |       | X    | X   | Unrecognized paramormyrops elongate body; triploid EOD                                                                                            |
| 6729         | 2009-018      | 8-Aug | Paramormyrops Kingsleyae (P) | ♂/Juv  | 49      | PKING-P-6729 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6730         | " "           | " "   | Paramormyrops Kingsleyae (P) | Juv    | 52      | PKING-P-6730 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6731         | " "           | " "   | " "                          | Juv    | 44      | PKING-P-6731 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6732         | " "           | " "   | " "                          | Juv/♂? | 64      | PKING-P-6732 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6733         | " "           | " "   | " "                          | Juv    | 49      | PKING-P-6733 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6734         | " "           | " "   | " "                          | Juv    | 50      | PKING-P-6734 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |
| 6735         | " "           | " "   | " "                          | ♂      |         | PKING-P-6735 | X   | X                 |                   |            |     |           |       | X    | X   |                                                                                                                                                   |

| Specimen No | Collection site | Date        | SPECIES NAME                       | Sex       | SL     | Filename                | FOID | MicroSAT FIN CUP | RNA Electic Dye | PVA SAMPLE | SPI       | Plyback | Brach | Long Cot | COMMENTS                                                   |
|-------------|-----------------|-------------|------------------------------------|-----------|--------|-------------------------|------|------------------|-----------------|------------|-----------|---------|-------|----------|------------------------------------------------------------|
| 6736        | 2009-018        | 8-Aug       | Paramormyrops Kingsleyae (P)       | JUV       | 33     | <del>PKING-P-6736</del> | X    | X                |                 |            |           |         |       |          | GAW Achell, 50x on record<br>1-74 incorrect in file.       |
| 6737        | " "             | " "         | " "                                | JUV       | 48.5   | PKING-P-6737            | X    | X                |                 |            |           |         | X     |          |                                                            |
| 6738        | 2009-022        | " "         | Paramormyrops SN3                  | ♀/juv     | 80mm   | PSN3-6738               | X    |                  | X               |            | X         |         | X     | X        |                                                            |
| 6739        | " "             | " "         | " "                                | ♀/juv     | 73mm   | PSN3-6739               | X    |                  | X               |            | X         |         | X     | X        |                                                            |
| 6740        | " "             | " "         | " "                                | ♀/juv     | 79mm   | PSN3-6740               | X    |                  | X               |            | X         |         | X     | X        |                                                            |
| 6741        | 2009-022        | 8 Aug. 2009 | Paramormyrops sp. 'SN3'            | JUV       | 48mm   | PSN3-6741               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6742        | "               | "           | "                                  | ♀/juv     | 70mm   | PSN3-6742               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6743        | "               | "           | "                                  | ♀/juv     | 69.5mm | PSN3-6743               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6744        | "               | "           | "                                  | ♀/juv     | 67mm   | PSN3-6744               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6745        | "               | "           | "                                  | ♀/juv     | 65mm   | PSN3-6745               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6746        | "               | "           | "                                  | ♀/juv     | 70mm   | PSN3-6746               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6747        | "               | "           | "                                  | ♀/juv     | 38mm   | PSN3-6747               | X    |                  | X               |            |           |         |       | X        |                                                            |
| 6748        | "               | "           | "                                  | "         | "      | "                       |      |                  |                 |            |           |         |       |          | Died before recording                                      |
| 6749        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 2 | Juv/♀     | 85.5   | PMAG-2-6749             | X    | X                |                 |            | 85.5mm SL |         |       |          | TYPE 2                                                     |
| 6750        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 2 | juv/♀     | 80.5   | PMAG-2-6750             | X    | X                |                 |            |           | X       |       |          | TYPE 2                                                     |
| 6751        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 2 | ♂? juv/♀? | 81.0   | PMAG-2-6751             | X    | X                |                 |            |           | X       |       |          | TYPE 2 } questionable ♂<br>only v. slight anal indentation |
| 6752        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 2 | juv/♀     | 77.0   | PMAG-2-6752             | X    | X                |                 |            |           | X       |       |          | TYPE 2                                                     |
| 6753        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 1 | ♂? juv/♀? | 100.0  | PMAG-1-6753             | X    | X                |                 |            |           | X       |       |          | Set aside for BAC's behavioral experiments                 |
| 6754        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 1 | ♂         | 88.5   | PMAG-1-6754             | X    | X                |                 |            |           | X       |       |          | TYPE 1                                                     |
| 6755        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 1 | ♂         | 117mm  | PMAG-1-6755             | X    | X                |                 |            |           | X       |       |          | TYPE 1 (possible ♂)                                        |
| 6756        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 1 | ♂         | 117mm  | PMAG-1-6756             | X    | X                |                 |            |           | X       |       |          | TYPE 1 (possible ♂)                                        |
| 6757        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 2 | juv/♀     | 86.5mm | PMAG-2-6757             | X    | X                |                 |            |           | X       |       |          | TYPE 2                                                     |
| 6758        | 2009-022        | 8 Aug.      | Paramormyrops "magnostipes" type 1 | juv/♀     | 92mm   | PMAG-1-6758             | X    | X                |                 |            |           | X       |       |          | TYPE 1                                                     |

} questionable ♂ only v. slight anal indent.  
Arnegard Fin Clips

| Specimen No. | Collection Site | Date   | Species Name                                                   | Sex    | SL (in mm) | Filename                    | EOD | Microsat. Fin Clip | RNA Electric Or | DNA Sample | SPI | Playback | Brain | Long Eol | Comments                                                                                                     |
|--------------|-----------------|--------|----------------------------------------------------------------|--------|------------|-----------------------------|-----|--------------------|-----------------|------------|-----|----------|-------|----------|--------------------------------------------------------------------------------------------------------------|
| 6759         | 2009-022        | 8 Aug. | Paramormyrops "magnostipes" type 1                             | juv./♀ | 97.5       | <del>6759</del> PMAG-1-6759 | X   | X                  | Arnegard        |            |     | X        |       |          | TYPE 1<br>TYPE 2<br>TYPE 2<br>Set aside for BAC's behavioral experiments<br>TYPE 1<br><br>Arnegard Fin Clips |
| 6760         | 2009-022        | 8 Aug. | Paramormyrops "magnostipes" type 2                             | juv./♀ | 90.5       | PMAG-2-6760                 | X   | X                  |                 |            |     | X        |       |          |                                                                                                              |
| 6761         | 2009-022        | 8 Aug. | Paramormyrops "magnostipes" type 2                             | juv./♀ | 85.5       | PMAG-2-6761                 | X   | X                  |                 |            |     | X        |       |          |                                                                                                              |
| 6762         | 2009-022        | 8 Aug. | Paramormyrops "magnostipes" type 1                             | juv./♀ | 99.0       | PMAG-1-6762                 | X   | X                  |                 |            |     | X        |       |          |                                                                                                              |
| 6763         | 2009-022        | 8 Aug. | Paramormyrops "magnostipes" type 2                             | juv./♀ | 86.5       | PMAG-2-6763                 | X   | X                  |                 |            |     | X        |       |          |                                                                                                              |
| 6764         | 2009-022        | 8 Aug. | Paramormyrops "magnostipes" type 1                             | juv./♀ | 97         | PMAG-1-6764                 | X   | X                  |                 |            |     | X        |       |          |                                                                                                              |
| 6765         | 2009-022        | 9-Aug  | Paramormyrops kingsleyae                                       |        |            |                             |     |                    |                 |            |     | X        |       |          |                                                                                                              |
| 6766         | "               | "      | "                                                              |        |            |                             |     |                    |                 |            |     | X        |       |          |                                                                                                              |
| 6767         | "               | "      | "                                                              |        |            |                             |     |                    |                 |            |     | X        |       |          |                                                                                                              |
| 6768         | 2009-022        | 9-Aug  | Paramormyrops <del>magnostipes</del> <sup>magnostipes</sup> II | ♂      | 93         | PMAG-2-6768                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6769         | 2009-022        | 9-Aug  | P. magnostipes II                                              | ♂      | 129        | PMAG-2-6769                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6770         | ↓               | ↓      | "                                                              | ♂      | 101        | PMAG-2-6770                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6771         | ↓               | ↓      | "                                                              | ♂      | 91         | PMAG-2-6771                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6772         | ↓               | ↓      | "                                                              | ♂      | 90         | PMAG-2-6772                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6773         | ↓               | ↓      | "                                                              | X      | X          | PMAG-2-6773                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6774         | ↓               | ↓      | "                                                              | ♂      | 104        | PMAG-2-6774                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6775         | ↓               | ↓      | "                                                              | ♀      | 93         | PMAG-2-6775                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6776         | ↓               | ↓      | "                                                              | ♂      | 99         | PMAG-2-6776                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6777         | ↓               | ↓      | "                                                              | ♀      | 83         | PMAG-2-6777                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6778         | 2009-022        | 10-Aug | Paramormyrops magnostipes I                                    | ♂      | 116        | PMAG-1-6778                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6779         | ↓               | ↓      | "                                                              | ♂      | 140        | PMAG-1-6779                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6780         | ↓               | ↓      | "                                                              | ♂      | 107        | PMAG-1-6780                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |
| 6781         | ↓               | ↓      | "                                                              | ♂      | 120        | PMAG-1-6781                 | X   |                    | X               |            |     |          |       | X        |                                                                                                              |

~~A-D range switched to 10~~

| Specimen #           | Location | Date        | Species Name                       | Sex   | SL   | FILENAME     | FOD | MICROSAT<br>FIN CLIP | RNA<br>Electric Dy | DNA Sample | SPI | Phybeck | Brain | Long GOD | Comment                                                                                                          |
|----------------------|----------|-------------|------------------------------------|-------|------|--------------|-----|----------------------|--------------------|------------|-----|---------|-------|----------|------------------------------------------------------------------------------------------------------------------|
| 6782                 | 2009-022 | 10-Aug      | Paramormyrops magnostipes I        | ♂     | 108  | PMAG-1-6782  | X   |                      | X                  |            |     |         |       | X        |                                                                                                                  |
| 6783                 | ↓        | ↓           | ↓                                  | ♂     | 101  | PMAG-1-6783  | X   |                      | X                  |            |     |         |       | X        |                                                                                                                  |
| 6784                 | ↓        | ↓           | ↓                                  | ♂     | 101  | PMAG-1-6784  | X   |                      | X                  |            |     |         |       | X        |                                                                                                                  |
| 6785                 | ↓        | ↓           | ↓                                  | ♂     | 113  | PMAG-1-6785  | X   |                      | X                  |            |     |         |       | X        |                                                                                                                  |
| 6786                 | ↓        | ↓           | ↓                                  | ♂     | 102  | PMAG-1-6786  | X   |                      | X                  |            |     |         |       | X        |                                                                                                                  |
| 6787                 | ↓        | ↓           | ↓                                  | ♀     | 77.5 | PMAG-1-6787  | X   |                      | X                  |            |     |         |       | X        |                                                                                                                  |
| 6788                 | 2009-022 | 10-Aug      | Paramormyrops kingsteyne (P)       |       |      | PKING-P-6788 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6789                 | ↓        | ↓           | ↓                                  |       |      | PKING-P-6789 | X   | X                    |                    |            |     |         |       | X        | Strange specimen → missing<br>Scales symmetrically on both sides!<br>no data on s.c for previous<br>3 → forgot ↓ |
| 6790                 | ↓        | ↓           | ↓                                  | ♀/juv | 79   | PKING-P-6790 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6791                 | 2009-022 | 10-Aug      | ↓                                  | ♀/juv | 79   | PKING-P-6791 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6792                 | ↓        | ↓           | ↓                                  | ♀/juv | 79   | PKING-P-6792 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6793                 | ↓        | ↓           | ↓                                  | ♀/juv | 79   | PKING-P-6793 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6794                 | ↓        | ↓           | ↓                                  | ♀/juv | 71.5 | PKING-P-6794 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6795                 | ↓        | ↓           | ↓                                  | ♀/juv | 71   | PKING-P-6795 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6796                 | ↓        | ↓           | ↓                                  | juv   | 61   | PKING-P-6796 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6797                 | ↓        | ↓           | ↓                                  | juv   | 57.5 | PKING-P-6797 | X   | X                    |                    |            |     |         |       | X        | first GOD is clipped!<br>sorry!                                                                                  |
| 6798                 | ↓        | ↓           | ↓                                  |       |      | PKING-P-6798 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| 6799                 | ↓        | ↓           | ↓                                  |       |      | PKING-P-6799 | X   | X                    |                    |            |     |         |       | X        | Arnegard fin clip                                                                                                |
| 6800                 | 2009-022 | 8 Aug coll. | Paramormyrops "magnostipes" type 1 | ♀/juv | 95   | PMAG-1-6800  | X   | X                    |                    |            |     | X       |       |          | Used in BAC's playback<br>EOD stim experiments                                                                   |
| 6801                 | 2009-022 | 8 Aug coll. | Paramormyrops "magnostipes" type 1 | ♀/juv | 88.5 | PMAG-1-6801  | X   | X                    |                    |            | X   |         |       |          |                                                                                                                  |
| <del>6802</del> 6802 | 2009-022 | 10-Aug      | Paramormyrops kingsteyne (P)       |       |      | PKING-P-6802 | X   | X                    |                    |            |     |         |       | ✓        |                                                                                                                  |
| <del>6803</del> 6803 | ↓        | ↓           | ↓                                  | ♀/juv | 64   | PKING-P-6803 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |
| <del>6804</del> 6804 | ↓        | ↓           | ↓                                  | ♂     | 42   | PKING-P-6804 | X   | X                    |                    |            |     |         |       | X        |                                                                                                                  |

| Specimen No. | LOCATION | DATE   | SPECIES NAME                       | SEX   | S.L.  | FILENAME     | EOD | MICROSAT FIN CLIP | RNA E664 Original | DNA Sample | SPI | Playback | Brain | Long EOD          | COMMENTS                                                                                           |  |
|--------------|----------|--------|------------------------------------|-------|-------|--------------|-----|-------------------|-------------------|------------|-----|----------|-------|-------------------|----------------------------------------------------------------------------------------------------|--|
| 6805         | 2009-022 | 11-Aug | Paramormyrops Kingsleyae (P)       | ♀/juv | 72    | PKING-P-6805 | X   | X                 |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6806         |          |        |                                    | ♀/juv | 77.5  | PKING-P-6806 | X   | X                 |                   |            |     |          |       |                   | X                                                                                                  |  |
| 6807         |          |        |                                    | ♀/juv | 84    | PKING-P-6807 | X   | X                 |                   |            |     |          |       |                   | X                                                                                                  |  |
| 6808         |          |        |                                    | ♀/juv | 82    | PKING-P-6808 | X   | X                 |                   |            |     |          |       |                   | X                                                                                                  |  |
| 6809         |          |        |                                    | ♀/juv | 81    | PKING-P-6809 | X   | X                 |                   |            |     |          |       |                   | X                                                                                                  |  |
| 6810         |          |        |                                    | ♀/juv | 54.5  | PKING-P-6810 | X   | X                 |                   |            |     |          |       |                   | X                                                                                                  |  |
| 6811         |          |        |                                    | ♀/juv | 56.5  | PKING-P-6811 | X   | X                 |                   |            |     |          |       |                   | X                                                                                                  |  |
| 6812         | 2009-022 | 11-Aug | Mormyrops nigricans                | ♀/juv | 191   |              | X   |                   |                   |            | X   | X        |       |                   | CARLSON EOD                                                                                        |  |
| 6813         | 2009-022 | 11-Aug | Paramormyrops "magnostipes" type 1 | ♂     | 123   | PMAG-1-6813  | X   | X                 |                   |            |     | X        |       |                   | } Arnegard Fin clip<br>BAC Brain: no voucher<br>} " " " Arnegard Fin clip<br>BAC Brain: no voucher |  |
| 6814         | 2009-022 | 11-Aug | Paramormyrops "magnostipes" type 2 | ♂     | 116   | PMAG-2-6814  | X   | X                 |                   |            |     | X        |       |                   |                                                                                                    |  |
| 6815         | 2009-022 | 11-Aug | Paramormyrops "magnostipes" type 1 | ♂     | 141.5 | PMAG-1-6815  | X   | X                 |                   |            |     |          |       | Arnegard fin clip |                                                                                                    |  |
| 6816         | 2009-024 | 12-Aug | Paramormyrops ruginervis           | ♀     | n/s   | PNGON-6816   | X   |                   | X                 |            |     |          |       | X                 |                                                                                                    |  |
| 6817         | " "      | " "    | Paramormyrops bongobensis          | ♀     | 140   | PBONG-6817   | X   |                   |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6818         | " "      | " "    | Paramormyrops "SN2"                | ♀     | 126   | PSN2-6818    | X   |                   |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6819         | " "      | " "    | Paramormyrops "SN2"                | ♀     | 130   | PSN2-6819    | X   |                   |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6820         | " "      | " "    | Paramormyrops affinis              | ♀     | 152   | POFFO-6820   | X   |                   |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6821         | 2009-019 | " "    | Paramormyrops "SN2"                | ♂     | 162   | PSN2-6821    | X   |                   |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6822         | 2009-019 | " "    | Paramormyrops bongobensis          | ♀     | 141   | PBONG-6822   | X   |                   |                   |            |     |          |       | X                 |                                                                                                    |  |
| 6823         | 2009-025 | 12-Aug | Paramormyrops Kingsleyae           | ♂     | 92    | PKING-X-6823 | X   | X                 |                   |            |     | X        |       | X                 |                                                                                                    |  |
| 6824         | " "      | " "    | " "                                | ♀/juv | 85    | PKING-X-6824 | X   | X                 |                   |            |     | X        |       | X                 |                                                                                                    |  |
| 6825         | " "      | " "    | " "                                | ♂     | 96.5  | PKING-X-6825 | X   | X                 |                   |            |     | X        |       | X                 |                                                                                                    |  |
| 6826         | " "      | " "    | " "                                | ♀     | 86    | PKING-X-6826 | X   | X                 |                   |            |     | X        |       | X                 |                                                                                                    |  |
| 6827         | " "      | " "    | " "                                | ♀/juv | 58    | PKING-X-6827 | X   | X                 |                   |            |     | X        |       | X                 |                                                                                                    |  |



| Specimen Num | Site (LOCATION) | DATE   | SPECIES NAME                 | Sex   | S.L.  | File name    | EOD | Microsat<br>FIN CLIP | RNA<br>Electric Dy | DNA<br>SAMPLE | SPI | Playback | Brain | Lary<br>GOD | COMMENTS                                                                                                                                                                                                                                                                                                                           |
|--------------|-----------------|--------|------------------------------|-------|-------|--------------|-----|----------------------|--------------------|---------------|-----|----------|-------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6828         | 2009-025        | 12-Aug | Paramormyrus Kingsleyae      | ♀ juv | 88    | PKING-X-6828 | X   | X                    |                    |               |     | X        | X     | X           | To seen by BAC; JRG<br>Agrees.                                                                                                                                                                                                                                                                                                     |
| 6829         | " "             | " "    | " "                          | ♀ juv | 91    | PKING-X-6829 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6830         | " "             | " "    | " "                          | ♀ juv | 93    | PKING-X-6830 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6831         | " "             | " "    | " "                          | ♀     | 97    | PKING-X-6831 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6832         | " "             | " "    | " "                          | ♂     | 98    | PKING-X-6832 | X   | X                    |                    |               |     | X        | X     | X           | * 6833 is incorrectly called 6834 in<br>GOD File                                                                                                                                                                                                                                                                                   |
| 6833         | 2009-025        | 12-Aug | Paramormyrus Kingsleyae "P?" | ♀/juv | 45    | PKING-P-6833 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6834         | " "             | " "    | P. Kingsleyae "P?"           | ♀/juv | 65    | PKING-P-6834 | X   | X                    |                    |               |     | X        | X     | X           | See Site Notes.<br>These 12 fish were<br>collected from a random<br>sample of 139 fish,<br>and using ocelloscope<br>were tentatively ID'd<br>as P-type. Fin clips<br>were taken to increase<br>sample size + check<br>the notion that this<br>is a "discrete" character.<br>Probably "N" type actually!<br>unsure...<br>This also. |
| 6835         | " "             | " "    | " "                          | ♀/juv | 75    | PKING-P-6835 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6836         | " "             | " "    | " "                          | ♂     | 106   | PKING-P-6836 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6837         | " "             | " "    | " "                          | ♀/juv | 51    | PKING-P-6837 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6838         | " "             | " "    | " "                          | ♂?    | 67    | PKING-P-6838 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6839         | " "             | " "    | " "                          | ♀/juv | 50    | PKING-P-6839 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6840         | " "             | " "    | " "                          | ♀/juv | 86    | PKING-P-6840 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6841         | " "             | " "    | P. Kingsleyae "N"?           | ♀/juv | 79    | PKING-X-6841 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6842         | " "             | " "    | P. Kingsleyae "X"            | ♀/juv | 75    | PKING-X-6842 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6843         | " "             | " "    | P. Kingsleyae "P"            | ♀/juv | 70    | PKING-P-6843 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6844         | " "             | " "    | P. Kingsleyae "P"            | ♂     | 80    | PKING-P-6844 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6845         | 2009-025        | 12-Aug | Paramormyrus Kingsleyae "X"  | ♀/juv | 63.5  | PKING-X-6845 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6846         | " "             | " "    | " "                          | ♀/juv | 101   | PKING-X-6846 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6847         | " "             | " "    | " "                          | ♂     | 88.5  | PKING-X-6847 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6848         | " "             | " "    | " "                          | ♀     | 107.5 | PKING-X-6848 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6849         | " "             | " "    | " "                          | ♀     | 107.5 | PKING-X-6849 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |
| 6850         | " "             | " "    | " "                          | ♀     | 69    | PKING-X-6850 | X   | X                    |                    |               |     | X        | X     | X           |                                                                                                                                                                                                                                                                                                                                    |

|      | LOCATION | DATE         | SPECIES NAME               | Sex   | SL            | FILENAME     | EOD | MicroSAT<br>FINCLIP | RNA<br>Electrodir | DNA sample | SPI | Playback | Brain | Log EOD                                                              | COMMENTS                                              |
|------|----------|--------------|----------------------------|-------|---------------|--------------|-----|---------------------|-------------------|------------|-----|----------|-------|----------------------------------------------------------------------|-------------------------------------------------------|
| 6851 | 2009-025 | 12 Aug       | Paramyrrops kingsleyae "X" | Juv/♀ | 485           | PKING-X-6851 | X   | X                   |                   |            |     |          |       | X                                                                    | <p>all randomly selected<br/>from Bensons script.</p> |
| 6852 |          |              |                            | Juv/♀ | 69            | PKING-X-6852 | X   | X                   |                   |            |     |          | X     | X                                                                    |                                                       |
| 6853 |          |              |                            | ♂     | 13            | PKING-X-6853 | X   | X                   |                   |            |     |          | X     | X                                                                    |                                                       |
| 6854 |          |              |                            | ♀/Juv | 61            | PKING-X-6854 | X   | X                   |                   |            |     |          | X     | X                                                                    |                                                       |
| 6855 |          |              |                            | ♀/Juv | 64            | PKING-X-6855 | X   | X                   |                   |            |     |          | X     | X                                                                    |                                                       |
| 6856 |          |              |                            |       |               | PKING-X-6856 | X   | X                   |                   |            |     |          | X     | X                                                                    |                                                       |
| 6857 | 2009-026 |              | P. bangoloensis            | ♀/Juv | 125           |              | X   |                     |                   |            |     | X        | X     |                                                                      | <p>CARLSON<br/>EODS</p>                               |
| 6858 | " "      |              | P. "SN2"                   | ♀/Juv | 107           |              | X   |                     |                   |            | X   | X        |       |                                                                      |                                                       |
| 6859 | " "      |              | P. bangoloensis            | ♂     | 132           |              | X   |                     |                   |            | X   | X        |       |                                                                      |                                                       |
| 6860 | " "      |              | P. bangoloensis            | ♀/Juv | 112           |              | X   |                     |                   |            | X   | X        |       |                                                                      |                                                       |
| 6861 | 2009-026 | 12 Aug, 2009 | Doumea sp.                 |       | ca. 108mm     |              |     | X                   |                   |            |     |          |       |                                                                      | <p>Arnegard<br/>Fin Clips<br/>for Friel</p>           |
| 6862 | 2009-026 |              | Chiloglanis sp.            |       | ca. 130mm     |              |     | X                   |                   |            |     |          |       |                                                                      |                                                       |
| 6863 | 2009-026 |              | Chiloglanis sp.            |       | ca. 108mm     |              |     | X                   |                   |            |     |          |       |                                                                      |                                                       |
| 6864 | 2009-025 | 13 Aug       | Paramyrrops kingsleyae "X" | ✓     | ✓             | PKING-X-6864 | X   | X                   |                   |            |     |          | X     | <p>Random script from<br/>Bensons continues here<br/>See # 6895.</p> |                                                       |
| 6865 |          |              |                            | Juv/♀ | 78            | PKING-X-6865 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6866 |          |              |                            | Juv/♀ | 70            | PKING-X-6866 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6867 |          |              |                            | Juv/♀ | 75            | PKING-X-6867 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6868 |          |              |                            | Juv/♀ | 82            | PKING-X-6868 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6869 |          |              |                            | Juv/♀ | 67            | PKING-X-6869 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6870 |          |              |                            | Juv/♀ | <del>71</del> | PKING-X-6870 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6871 |          |              |                            | Juv/♀ | 74            | PKING-X-6871 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6872 |          |              |                            | Juv/♀ | 72            | PKING-X-6872 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |
| 6873 |          |              |                            | Juv/♀ | 73            | PKING-X-6873 | X   | X                   |                   |            |     |          | X     |                                                                      |                                                       |

6000 AM 10  
11 10

COMMENTS  
all randomly selected  
from Bensons script.

CARLSON  
EODS

Arnegard  
Fin Clips  
for Friel

Random script from  
Bensons continues here  
See # 6895.

2009-026

| Specimen No. # | Location | Date   | Species Name                | Sex                                                                                                        | SL     | Filename     | FOI | Mito Fin C | ANI Elect | DNA | SPI | PGTs | Brci | Long                                                                                                                                     | Comments                           |
|----------------|----------|--------|-----------------------------|------------------------------------------------------------------------------------------------------------|--------|--------------|-----|------------|-----------|-----|-----|------|------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 6874           | 2009-025 | 13-Aug | P. Kingsleyae "x"           | Juv/f                                                                                                      | 80mm   | PKING-X-6874 | X   | X          |           |     |     |      |      | X                                                                                                                                        | random sample<br>↓                 |
| 6875           | 2009-025 | 13-Aug | ↓                           | Juv/f                                                                                                      | 62mm   | PKING-Y-6875 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6876           | 2009-025 | 13-Aug |                             | Juv/f                                                                                                      | 65     | PKING-X-6876 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6877           | 2009-025 | 14-Aug | P. Kingsleyae "x"           | Juv/f                                                                                                      | 89     | PKING-X-6877 | X   | X          |           |     |     |      | X    | random sampling error<br>4 more fish with observable<br>to were found.<br><br>many on second analysis<br>did not have discernible<br>po. |                                    |
| 6878           | ↓        | ↓      | P. Kingsleyae "x"           | ♂                                                                                                          | 74     | PKING-X-6878 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6879           | ↓        | ↓      | P. Kingsleyae "P"           | Juv/f                                                                                                      | 71     | PKING-P-6879 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6880           | ↓        | ↓      | P. Kingsleyae "P"           | ♀                                                                                                          | 100    | PKING-P-6880 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6881           | 2009-028 | 14-Aug | Paromomyrops Kingsleyae "N" | ✓                                                                                                          | ✓      | PKING-N-6881 | X   | X          |           |     |     |      | X    | incorrectly labeled in files as P-type.<br><br><br><br><br><br><br><br><br><br><br><br><br>400th Fish!!!                                 |                                    |
| 6882           | ↓        | ↓      | P. Kingsleyae "N"           | Juv                                                                                                        | 71     | PKING-N-6882 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6883           | ↓        | ↓      | ↓                           | f/Juv                                                                                                      | 71     | PKING-N-6883 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6884           | ↓        | ↓      |                             | Juv                                                                                                        | 68     | PKING-N-6884 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6885           | ↓        | ↓      |                             | Juv                                                                                                        | 49     | PKING-N-6885 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6886           | ↓        | ↓      |                             | Juv                                                                                                        | 41.5   | PKING-N-6886 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6887           | ↓        | ↓      |                             | Juv                                                                                                        | 47     | PKING-N-6887 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6888           | ↓        | ↓      |                             | f/Juv                                                                                                      | 68     | PKING-N-6888 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6889           | ↓        | ↓      |                             | Juv                                                                                                        | 55     | PKING-N-6889 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6890           | ↓        | ↓      |                             | Juv                                                                                                        | 54     | PKING-N-6890 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6891           | ↓        | ↓      |                             | Juv/f                                                                                                      | 68     | PKING-N-6891 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6892           | ↓        | ↓      |                             | ♂                                                                                                          | 78     | PKING-N-6892 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6893           | ↓        | ↓      |                             | Juv                                                                                                        | 36     | PKING-N-6893 | X   | X          |           |     |     |      | X    |                                                                                                                                          |                                    |
| 6894           | 2009-027 | 14-Aug |                             | M. Zandrichotris                                                                                           |        |              |     |            |           |     |     |      |      |                                                                                                                                          | X                                  |
| 6895           | 2009-029 | 14-Aug |                             | Petrocephalus cf. sullivanii                                                                               | f/Juv. | 93mm         |     | X          |           |     | X   | X    | X    |                                                                                                                                          |                                    |
| 6896           | 2009-029 | 14-Aug |                             | ? Strange fish - I'm not familiar w/ this (Arnegard) resembles a Labeo w/ reduced scales; fins like Doumea |        | 111mm        |     | X          | X         |     |     |      |      |                                                                                                                                          | Site 2009-029<br>Arnegard fin clip |

| Specimen No. | Location            | Date   | Species Name                            | Sex           | S.L. Filicane                 | FC | Micro | RNA | DNA | SPI | Pluck | Brain | Long |                                                                                                                |
|--------------|---------------------|--------|-----------------------------------------|---------------|-------------------------------|----|-------|-----|-----|-----|-------|-------|------|----------------------------------------------------------------------------------------------------------------|
| 6897         | 2009-027            | 15-Aug | Stomatorhinus spp.                      | ♀/juv         | 62 STOM-6897                  | X  |       |     |     |     |       |       | X    | unfamiliar spp EOD + morph labels similar to 6592-994.                                                         |
| 6898         | 2009-031            | 15-Aug | Paramormyrops Kingsleyae "N"            | ♂             | 131 PKING-N-6898              | X  | X     | X   |     |     |       |       | X    | Photo with JRB.                                                                                                |
| 6899         | "                   | "      | "                                       | ♂             | <del>142.5</del> PKING-N-6899 | X  | X     | X   |     |     |       |       | X    | incorrectly labeled in file as size 2009-027<br>incorrectly numbered in files as 6700-6705 should be 6900-6905 |
| 6900         | "                   | "      | "                                       | ♂             | <del>145</del> PKING-N-6900   | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6901         | "                   | "      | "                                       | ♂             | 149 PKING-N-6901              | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6902         | "                   | "      | "                                       | ♂             | 130 PKING-N-6902              | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6903         | "                   | "      | "                                       | ♀/juv         | 106 PKING-N-6903              | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6904         | "                   | "      | "                                       | ♂             | 111 PKING-N-6904              | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6905         | "                   | "      | "                                       | ♂             | 116.5 PKING-N-6905            | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6906         | "                   | "      | "                                       | ♂             | 135.5 PKING-N-6906            | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6907         | "                   | "      | "                                       | ♂             | 129 PKING-N-6907              | X  | X     | X   |     |     |       | X     |      |                                                                                                                |
| 6908         | <del>2009-031</del> | 16-Aug | <del>Paramormyrops Kingsleyae "N"</del> | ♀/juv         | 101 PKING-N-6808              | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6909         | "                   | "      | "                                       | ♀/sw          | 76 PKING-N-6909               | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6910         | "                   | "      | "                                       | ♂/juv         | 63 PKING-N-6910               | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6911         | "                   | "      | "                                       | ♂/juv         | 43 PKING-N-6911               | X  | X     |     |     |     |       |       | X    | AC recording                                                                                                   |
| 6912         | "                   | "      | "                                       | ♀/sw          | 91 PKING-N-6912               | X  | X     |     |     |     |       |       | X    | incorrectly listed as AC record; should be DC                                                                  |
| 6913         | "                   | "      | "                                       | <del>ND</del> | <del>64</del> PKING-N-6913    | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6914         | "                   | "      | "                                       | ♂/juv         | 57 PKING-N-6914               | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6915         | "                   | "      | "                                       | ♀/juv         | 69 PKING-N-6915               | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6916         | "                   | "      | "                                       | ND            | ND PKING-N-6916               | X  | X     |     |     |     |       |       | X    |                                                                                                                |
| 6917         | "                   | "      | "                                       | ♀/sw          | 60 PKING-N-6917               | X  | X     |     |     |     |       |       | X    | Temperature probe                                                                                              |
| 6918         | "                   | "      | "                                       | ♀/juv         | 73 PKING-N-6918               | X  | X     |     |     |     |       |       | X    | labeled incorrectly in file as 68XX                                                                            |
| 6919         | "                   | "      | "                                       | ♀/juv         | 68 PKING-N-6919               | X  | X     |     |     |     |       |       | X    | Temperature probe popped out. Actual Temp = 23.6°C                                                             |

| Specimen Num                                                                                                                                                                                                                                          | Location | DATE        | SPECIES NAME                            | Sex   | SL    | Filename     | EOD | Micropst Fin Clip | BNA Elatic D | DNA sample | STI | Phyback | Brain | Long Tail | COMMENTS                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-----------------------------------------|-------|-------|--------------|-----|-------------------|--------------|------------|-----|---------|-------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6920                                                                                                                                                                                                                                                  | 2009-031 | 16-Aug      | <i>Paromormyrops kingsleyae</i> "N"     | ♀/juv | 80    | PKING-N-6920 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6921                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♂     | 115   | PKING-N-6921 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6922                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♂     | 90    | PKING-N-6922 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6923                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♀/juv | 74    | PKING-N-6923 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6924                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♀/juv | 79    | PKING-N-6924 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6925                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♂     | 92    | PKING-N-6925 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6926                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♀/juv | 89    | PKING-N-6926 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| 6927                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     | ♂     | 16.5  | PKING-N-6927 | X   | X                 |              |            |     |         |       | X         |                                                                                                                                                                                                            |
| <hr/>                                                                                                                                                                                                                                                 |          |             |                                         |       |       |              |     |                   |              |            |     |         |       |           |                                                                                                                                                                                                            |
| 6928                                                                                                                                                                                                                                                  | 2009-032 | 16 Aug 2009 | <i>Mormyrops nigricans</i>              | juv.  | 211mm | NO EOD       |     | X                 |              |            |     |         |       |           |                                                                                                                                                                                                            |
| 6929                                                                                                                                                                                                                                                  | 2009-032 | 16 Aug 2009 | <i>Marcusenius rootii</i>               | JUV   | 113   | No EOD       |     | X                 |              |            |     |         | X     |           | No EOD; BAC just quickly took brain for his collect.; Arnegard                                                                                                                                             |
| <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Drive to Lambarene         </div> <div style="text-align: center;">  Drive to Lambarene         </div> <div style="text-align: right;"> </div> </div> |          |             |                                         |       |       |              |     |                   |              |            |     |         |       |           |                                                                                                                                                                                                            |
| 6930                                                                                                                                                                                                                                                  | 2009-033 | 20-Aug      | <i>Petrocephalus cf. microphthalmus</i> | juv/♀ | 79    |              |     | X                 |              |            |     |         |       |           |                                                                                                                                                                                                            |
| 6931                                                                                                                                                                                                                                                  | " "      | " "         | <i>P. cf. microphthalmus</i>            | juv/♀ | 61    |              |     | X                 |              |            |     | X       |       |           | These are too large to be <i>microphthalmus</i> . My thinking (MEAS) is now that all of these are <i>simus</i> and all from Bongolo/Lebamba were <i>sullivani</i> .<br>BAC EOD<br>" "<br>" "<br>" "<br>" " |
| 6932                                                                                                                                                                                                                                                  | " "      | " "         | <i>P. cf. microphthalmus</i>            | juv/♀ | 89    |              |     | X                 |              |            |     | X       |       |           |                                                                                                                                                                                                            |
| 6933                                                                                                                                                                                                                                                  | " "      | " "         | <i>P. cf. microphthalmus</i>            | juv/♀ | 77    |              |     | X                 |              |            |     | X       |       |           |                                                                                                                                                                                                            |
| 6934                                                                                                                                                                                                                                                  | 2009-033 |             | <i>Stomatorhinus walkeri</i>            | juv.  | 55.5  | STOM-6934    | X   | X                 |              | X          | X   | X       |       |           |                                                                                                                                                                                                            |
| 6935                                                                                                                                                                                                                                                  | 2009-034 | 20-Aug      | <i>P. cf. simus</i>                     |       |       |              | X   |                   |              |            |     |         | X     |           |                                                                                                                                                                                                            |
| 6936                                                                                                                                                                                                                                                  | " "      | " "         | <i>P. cf. simus</i>                     |       |       |              | X   |                   |              | X          | X   |         |       |           |                                                                                                                                                                                                            |
| 6937                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     |       |       |              | X   |                   |              | X          | X   |         |       |           |                                                                                                                                                                                                            |
| 6938                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     |       |       |              | X   |                   |              | X          | X   |         |       |           |                                                                                                                                                                                                            |
| 6939                                                                                                                                                                                                                                                  | " "      | " "         | " "                                     |       |       |              | X   |                   |              | X          | X   |         |       |           |                                                                                                                                                                                                            |

| Specimen no.    | Location            | Date              | Species name                  | SEX     | SL (mm)            | Filename         | EOD    | Microsat Fin Clip | RNA EOD | DNA Sample | SPI | Playback | Brain | Long EOD | Comments                                                             |
|-----------------|---------------------|-------------------|-------------------------------|---------|--------------------|------------------|--------|-------------------|---------|------------|-----|----------|-------|----------|----------------------------------------------------------------------|
| <del>6940</del> | <del>2009-034</del> | <del>20-Aug</del> | <del>P. cf simus</del>        |         |                    |                  |        |                   |         |            |     |          |       |          |                                                                      |
| 6940            | 2009-034            | 21-Aug            | P. cf SIMUS                   |         |                    |                  | X      |                   |         |            | X   | X        |       |          | BAC EOD                                                              |
| 6941            | 2009-034            | 22-Aug            | Stomatorhinus walkeri         | ♀/juv.♂ | 81.5 <sub>m</sub>  | STOM-6941        | X      |                   |         | X          |     |          |       | X        | Also: Arnegard Fin Clip (in addition to JRG fin clip)                |
| 6942            | 2009-034            | 22-Aug            | Stomatorhinus walkeri         | ♀/juv.♂ | 87.5 <sub>mm</sub> | STOM-6942        | X      |                   |         | X          |     |          |       | X        | " " "                                                                |
| 6943            | 2009-035            | 22-Aug            | P. curvifrons                 | ♂       | 96                 |                  | X      |                   |         |            | X   | X        | X     |          | BAC EOD                                                              |
| 6944            | "                   | "                 | B. brachyistius LBP           | ♀/♂     | 95                 |                  | X      |                   |         |            | X   | X        | X     |          | BAC EOD                                                              |
| 6945            | "                   | "                 | " " "                         | ♀/♂     | 96                 |                  | X      |                   |         |            | X   | X        | X     |          | BAC EOD                                                              |
| 6946            | "                   | "                 | " " "                         | ♂       | 130                |                  | X      |                   |         |            | X   | X        | X     |          | BAC EOD                                                              |
| 6947            | "                   | "                 | " " "                         |         |                    |                  | X      |                   |         |            | X   | X        |       |          | BAC EOD                                                              |
| 6948            | "                   | "                 | " " "                         | ♀/♂     | 89                 |                  | X      |                   |         |            | X   | X        | X     |          | BAC EOD                                                              |
| 6949            | 2009-037            | 2009-037          | M. moorii but w/ conical head | ♂       | 156                | Dead on arrival  | No     | X                 |         |            |     |          |       |          | ♂ SL=156 mm } Arnegard fin clip<br>♀ SL=144.5 mm } Arnegard fin clip |
| 6950            | 2009-037            | 2009-037          | M. moorii but w/ conical head | ♀       | 144.5              | Dead on arrival  | No     | X                 |         |            |     |          |       |          |                                                                      |
| 6951            | 2009-036            | 2009-036          | Distichodus notospilus        |         | 92.0               | Photo ✓          |        | X                 |         |            |     |          |       |          | Arnegard fin clip                                                    |
| 6952            | 2009-036            | 2009-036          | ↓                             |         | 93.0               | Photo ✓          |        | X                 |         |            |     |          |       |          | Arnegard fin clip                                                    |
| 6953            | 2009-036            | 2009-036          | ↓                             |         | 97.0               | Photo ✓          |        | X                 |         |            |     |          |       |          | Fin clip for Friel/cu                                                |
| 6954            | 2009-036            | 2009-036          | ↓                             |         | 90.9               | Photo ✓          |        | X                 |         |            |     |          |       |          | Fin clip for Friel/cu                                                |
| 6955            | 2009-037            | 23-Aug            | P. cf microphthalmus          | ♂       | 69                 | Dying on Arr.    |        | X                 |         |            |     |          | X     |          |                                                                      |
| 6956            | "                   | "                 | " " "                         | ♂       | 73                 | "                |        | X                 |         |            |     |          | X     |          |                                                                      |
| 6957            | "                   | "                 | " " "                         | ♂       | 70                 | "                |        |                   |         |            |     |          | X     |          |                                                                      |
| 6958            | "                   | "                 | " " "                         | ♂       | 67                 | "                |        |                   |         |            |     |          | X     |          |                                                                      |
| 6959            | "                   | "                 | P. cf microphthalmus          | ♂       | 68                 | Dying on arrival | No EOD | X                 |         |            |     |          |       |          | Photo ✓ } Arnegard fin clip                                          |
| 6960            | "                   | "                 | " "                           | juv.    | 56                 | Dying on arrival | No EOD | X                 |         |            |     |          |       |          | Photo ✓ } Arnegard fin clip                                          |
| 6961            | "                   | "                 | " "                           | ♂       | 66                 | "                |        |                   |         |            |     |          | X     |          |                                                                      |
| 6962            | "                   | "                 | " "                           | ♂       | 67                 | "                |        |                   |         |            |     |          | X     |          |                                                                      |

| Specimen no. | Location<br><del>Date</del> | Date   | Species Name                                                       | SEX    | SLO <sup>cm</sup> | Filename      | EOD | Microsat<br>Fin Clip | RNA<br>EOD | DNA<br>Sample | SPI | Playback     | Brain | Long EOD | Comments                                      |
|--------------|-----------------------------|--------|--------------------------------------------------------------------|--------|-------------------|---------------|-----|----------------------|------------|---------------|-----|--------------|-------|----------|-----------------------------------------------|
| 6963         | 2009-037                    | 23-Aug | P. cf microphthalmus                                               |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6964         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6965         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | <del>X</del> |       |          | BAC EOD                                       |
| 6966         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6967         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6968         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6969         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6970         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6971         | " "                         | 24-Aug | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6972         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6973         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   |              |       |          | BAC EOD                                       |
| 6974         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6975         | " "                         | " "    | " "                                                                |        |                   |               | X   |                      |            |               | X   | X            |       |          | BAC EOD                                       |
| 6976         | 2009-039                    | 25 Aug | <del>P. simus</del> balayi <small>This is a P. SIMUS (MEA)</small> | ♀/S    | 93                |               | X   | X                    |            |               | X   | X            | X     |          | BAC EOD Arnegard Fin Clip Arnegard Photo with |
| 6977         | 2009-039                    | 24-Aug | Petrocephalus balayi                                               | ♀) juv | 125.5             | PBALA-6977    | X   | X                    |            |               |     |              |       |          | Arnegard Fin Clip EOD+voucher                 |
| 6978         | 2009-039                    | 24-Aug | Petrocephalus balayi                                               | ♀) juv | 131.0             | PBALA-6978    | X   | X                    |            |               |     |              |       |          | Arnegard Fin Clip EOD+voucher                 |
| 6979         | 2009-037                    | 24 Aug | Petrocephalus microphthalmus                                       | ♂      | 64.5              | No EOD: dying |     | X                    |            |               |     |              |       |          | cu Arnegard Voucher + Fin Clip                |
| 6980         | 2009-039                    | 25 Aug | P. balayi (Ripe ♀!)                                                | ♀/juv  | 99                |               | X   | X                    |            |               | X   | X            | X     |          | BAC EOD + Arnegard Fin Clip                   |

clear ruler in black wax tray