

附录 1 怒江流域实地调查样点及鱼类资源信息

Appendix 1 Field survey samples and fish resource information in the Nujiang River Basin

序号 ID	河流 River	所属河段 Reach	亚流域名称 Sub-basin	采样点 Sampling sites	纬度 Latitude (N)	经度 Longitude (E)	物种名 Chinese species	拉丁名 Latin name
1	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	美国匙吻鲟	<i>Polyodon spathula</i> *
2	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	上江镇 Shangjiang Township	25.64	98.90	云纹鳗鲡	<i>Anguilla nebulosa</i>
3	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒宽乡 Mangkuan Township	25.44	98.90	云纹鳗鲡	<i>Anguilla nebulosa</i>
4	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	云纹鳗鲡	<i>Anguilla nebulosa</i>
5	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	红岩脚 Hongyanjiao	24.89	98.90	云纹鳗鲡	<i>Anguilla nebulosa</i>
6	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	红旗桥 Hongqi Bridge	24.74	98.98	云纹鳗鲡	<i>Anguilla nebulosa</i>
7	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	施甸县甘蔗地 Ganzhedi in Shidian County	24.48	99.03	云纹鳗鲡	<i>Anguilla nebulosa</i>
8	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县三江口 Sanjiangkou, Longling County	24.42	98.98	云纹鳗鲡	<i>Anguilla nebulosa</i>
9	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县龙镇大桥 Longzhen Bridge, Longling County	24.24	99.08	云纹鳗鲡	<i>Anguilla nebulosa</i>
10	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县芒丙山脚 Foot of Mount Mangbing, Longling County	24.09	98.62	云纹鳗鲡	<i>Anguilla nebulosa</i>
11	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县旧城乡 Jiucheng Township, Shidian County	24.43	99.26	云纹鳗鲡	<i>Anguilla nebulosa</i>

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12	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.54	98.97	云纹鳗鲡	<i>Anguilla nebulosa</i>
13	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	云纹鳗鲡	<i>Anguilla nebulosa</i>
14	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒棒村 Mangbang village	25.06	98.85	伊洛瓦底沙鳅	<i>Botia histrionica</i>
15	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	伊洛瓦底沙鳅	<i>Botia histrionica</i>
16	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	泥鳅	<i>Misgurnus anguillicaudatus</i>
17	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒棒村 Mangbang village	25.06	98.85	泥鳅	<i>Misgurnus anguillicaudatus</i>
18	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝老桥队 The Old Bridge Team of Lujiang Dam	25.00	98.87	泥鳅	<i>Misgurnus anguillicaudatus</i>
19	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	泥鳅	<i>Misgurnus anguillicaudatus</i>
20	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	泥鳅	<i>Misgurnus anguillicaudatus</i>
21	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇城镇附近 Near the Liuku Township	25.85	98.86	怒江间吸鳅	<i>Hemimyzon nujiangensis</i>
22	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	老窝河河口 Estuary of Laowo River	25.84	98.86	怒江间吸鳅	<i>Hemimyzon nujiangensis</i>

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23	老窝河 Laowo River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	泸水市老窝河 Laowo River, Lushui City	25.84	98.92	怒江间吸鳅	<i>Hemimyzon nujiangensis</i>
24	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇怕秋 Paqiu, Mengding Town, Gengma County	23.56	99.04	怒江间吸鳅	<i>Hemimyzon nujiangensis</i>
25	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	南方翘条鳅	<i>Pteronemacheilus meridionalis</i>
26	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝老桥队 The Old Bridge Team of Lujiang Dam	25.00	98.87	宽带南鳅	<i>Schistura prolixifasciata</i>
27	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	宽带南鳅	<i>Schistura prolixifasciata</i>
28	老窝河 Laowo River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	泸水市老窝河 Laowo River, Lushui City	25.84	98.92	宽带南鳅	<i>Schistura prolixifasciata</i>
29	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	宽带南鳅	<i>Schistura prolixifasciata</i>
30	怕咱河 Paza River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县三江口(支流) Sanjiangkou, Longling County (tributary)	24.40	98.96	宽带南鳅	<i>Schistura prolixifasciata</i>
31	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝老桥队 The Old Bridge Team of Lujiang Dam	25.00	98.87	湄南南鳅	<i>Schistura kengtungensis</i>
32	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	密带南鳅	<i>Schistura poculi</i>
33	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	桃花岛 Taohua Island	28.03	98.62	长南鳅	<i>Schistura longa</i>
34	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	双拉 Shuangla	27.94	98.65	长南鳅	<i>Schistura longa</i>

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35	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	捧当 Pengdang	27.89	98.68	长南鳅	<i>Schistura longa</i>
36	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	左洛底村 Zuoluodi village	27.20	98.89	长南鳅	<i>Schistura longa</i>
37	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	克胜底 Keshengdi	27.04	98.88	长南鳅	<i>Schistura longa</i>
38	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	福贡县城附近 Near the Fugong County	26.89	98.88	长南鳅	<i>Schistura longa</i>
39	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	称杆乡 Chenggan Township	26.25	98.87	长南鳅	<i>Schistura longa</i>
40	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	漫海桥 Manhai Bridge	24.84	98.92	长南鳅	<i>Schistura longa</i>
41	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	长南鳅	<i>Schistura longa</i>
42	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	长南鳅	<i>Schistura longa</i>
43	桑曲 Sang River	桑曲 Sang River	SQ	安多县桑曲下游 Lower Sang River in Anduo County	32.14	91.58	东方高原鳅	<i>Triplophysa orientalis</i>
44	那曲 Na River	那曲 Na River	NQ	安多县那曲 Na River, Anduo County	31.84	91.53	东方高原鳅	<i>Triplophysa orientalis</i>
45	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡多嘎村 Duoga Village, Guoqing Township, Basu County	30.89	96.60	东方高原鳅	<i>Triplophysa orientalis</i>
46	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡苏嘎村 Suga Village, Guoqing Township, Basu County	30.74	96.80	东方高原鳅	<i>Triplophysa orientalis</i>

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47	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖北 North of Cuona Lake, Anduo County	32.11	91.51	东方高原鳅	<i>Triplophysa orientalis</i>
48	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖西北 Northwest of Cuona Lake, Anduo County	32.08	91.43	东方高原鳅	<i>Triplophysa orientalis</i>
49	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖西北 Northwest of Cuona Lake, Anduo County	32.08	91.43	东方高原鳅	<i>Triplophysa orientalis</i>
50	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖北 North of Cuona Lake, Anduo County	32.01	91.53	东方高原鳅	<i>Triplophysa orientalis</i>
51	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖边湿地 Wetlands of Cuona Lake, Anduo County	31.93	91.50	东方高原鳅	<i>Triplophysa orientalis</i>
52	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖边湿地 Wetlands of Cuona Lake, Anduo County	31.93	91.51	东方高原鳅	<i>Triplophysa orientalis</i>
53	桑曲 Sang River	桑曲 Sang River	SQ	安多县桑曲下游 Lower Sang River in Anduo County	32.15	91.58	短尾高原鳅	<i>Triplophysa brevicauda</i>
54	巴索曲 Basuo River	错那湖 Cuona lake	CNH	安多县帕那镇巴索曲 Basuo River, Pana Town, Anduo County	32.07	91.59	短尾高原鳅	<i>Triplophysa brevicauda</i>
55	那曲 Na River	那曲 Na River	NQ	安多县那曲上游 Upper Na River, Anduo County	31.81	91.55	短尾高原鳅	<i>Triplophysa brevicauda</i>
56	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖东北 Northeast of Cuona Lake, Anduo County	32.08	91.53	短尾高原鳅	<i>Triplophysa brevicauda</i>
57	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖东 East of Cuona Lake, Anduo County	32.04	91.53	短尾高原鳅	<i>Triplophysa brevicauda</i>
58	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖南 South of Cuona Lake, Anduo County	31.94	91.49	短尾高原鳅	<i>Triplophysa brevicauda</i>
59	巴索曲 Basuo River	错那湖 Cuona lake	CNH	安多县帕那镇巴索曲 Basuo River, Pana Town, Anduo County	32.07	91.59	斯氏高原鳅	<i>Triplophysa stoliczkai</i>
60	那曲 Na River	那曲 Na River	NQ	安多县那曲上游 Upper Na River, Anduo County	31.81	91.55	斯氏高原鳅	<i>Triplophysa stoliczkai</i>
61	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖东北 Northeast of Cuona Lake, Anduo County	32.08	91.53	斯氏高原鳅	<i>Triplophysa stoliczkai</i>
62	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖东 East of Cuona Lake, Anduo County	32.04	91.53	斯氏高原鳅	<i>Triplophysa stoliczkai</i>
63	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖南 South of Cuona Lake, Anduo County	31.94	91.49	斯氏高原鳅	<i>Triplophysa stoliczkai</i>

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64	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	细尾高原鳅	<i>Triplophysa stenura</i>
65	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	丙中洛镇 Bingzhongluo Township	28.04	98.62	细尾高原鳅	<i>Triplophysa stenura</i>
66	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	桃花岛 Taohua Island	28.03	98.62	细尾高原鳅	<i>Triplophysa stenura</i>
67	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	双拉 Shuangla	27.94	98.65	细尾高原鳅	<i>Triplophysa stenura</i>
68	那曲 Na River	那曲 Na River	NQ	安多县生地玛 Shengdima, Anduo County	31.62	91.74	异尾高原鳅	<i>Triplophysa stewarti</i>
69	南捧河 Nanpeng River	南汀河 Nanting River	NT	耿马县孟定镇齐麻林 Qimalin, Mengding Town, Gengma County	23.54	98.97	布朗神鲃	<i>Devario browni</i>
70	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	异鲴	<i>Aspidoparia morar</i>
71	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇麻疯村 Mafeng Village, Mengding Town, Gengma County	23.51	98.95	异鲴	<i>Aspidoparia morar</i>
72	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	长嘴鱖	<i>Raiamas guttatus</i>
73	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇芒汀 Mangting, Mengding Town, Gengma County	23.56	99.02	长嘴鱖	<i>Raiamas guttatus</i>
74	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇黑龙塘 Heilongtang, Mengding Town, Gengma County	23.54	99.00	长嘴鱖	<i>Raiamas guttatus</i>
75	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	长嘴鱖	<i>Raiamas guttatus</i>

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76	南汀河 Nanting River	南汀河 Nanting River	NT	临沧市临翔区博尚水库 Boshang Reservoir, Linxiang District, Lincang City	23.72	100.06	草鱼	<i>Ctenopharyngodon idella</i> *
77	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	高体鲮鱼	<i>Rhodeus ocellatus</i> *
78	南汀河 Nanting River	南汀河 Nanting River	NT	临沧市临翔区博尚水库 Boshang Reservoir, Linxiang District, Lincang City	23.72	100.06	高体鲮鱼	<i>Rhodeus ocellatus</i> *
79	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇黑龙塘 Heilongtang, Mengding Town, Gengma County	23.54	99.00	高体鲮鱼	<i>Rhodeus ocellatus</i> *
80	南汀河 Nanting River	南汀河 Nanting River	NT	云县忙拐山下 Under the Mangguai Mountain, Yun County	24.10	99.85	斑尾小鲃	<i>Puntius sophore</i>
81	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇黑龙塘 Heilongtang, Mengding Town, Gengma County	23.54	99.00	斑尾小鲃	<i>Puntius sophore</i>
82	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	上江镇 Shangjiang Township	25.64	98.90	半刺结鱼	<i>Tor hemispinus</i>
83	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	保山新光唇鱼	<i>Neolissochilus baoshanensis</i>
84	南捧河 Nanpeng River	南汀河 Nanting River	NT	耿马县孟定镇齐麻林 Qimalin, Mengding Town, Gengma County	23.54	98.97	保山新光唇鱼	<i>Neolissochilus baoshanensis</i>
85	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县三江口 Sanjiangkou, Longling County	24.42	98.98	后鳍吻孔鲃	<i>Poropuntius opisthopterus</i>
86	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇芒汀 Mangting, Mengding Town, Gengma County	23.56	99.02	后鳍吻孔鲃	<i>Poropuntius opisthopterus</i>

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87	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇黑龙塘 Heilongtang, Mengding Town, Gengma County	23.54	99.00	后鳍吻孔鲃	<i>Poropuntius opisthopterus</i>
88	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	后鳍吻孔鲃	<i>Poropuntius opisthopterus</i>
89	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇麻疯村 Mafeng Village, Mengding Town, Gengma County	23.51	98.95	后鳍吻孔鲃	<i>Poropuntius opisthopterus</i>
90	南捧河 Nanpeng River	南汀河 Nanting River	NT	耿马县孟定镇齐麻林 Qimalin, Mengding Town, Gengma County	23.54	98.97	后鳍吻孔鲃	<i>Poropuntius opisthopterus</i>
91	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	203 省道旁 203 Provincial Road	24.99	98.88	戴氏孟加拉鲃	<i>Bangana devdevi</i>
92	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.54	98.97	戴氏孟加拉鲃	<i>Bangana devdevi</i>
93	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	戴氏孟加拉鲃	<i>Bangana devdevi</i>
94	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇麻疯村 Mafeng Village, Mengding Town, Gengma County	23.51	98.95	戴氏孟加拉鲃	<i>Bangana devdevi</i>
95	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒棒村 Mangbang village	25.06	98.85	角鱼	<i>Akrokolioplax bicornis</i>
96	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇芒汀 Mangting, Mengding Town, Gengma County	23.56	99.02	角鱼	<i>Akrokolioplax bicornis</i>
97	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇麻疯村 Mafeng Village, Mengding Town, Gengma County	23.51	98.95	角鱼	<i>Akrokolioplax bicornis</i>

序号 ID	河流 River	所属河段 Reach	亚流域名称 Sub-basin	采样点 Sampling sites	纬度 Latitude (N)	经度 Longitude (E)	物种名 Chinese species	拉丁名 Latin name
98	怒江 Nujiang River	林芝市察隅县 Chayu County, Linzhi City	CY	察瓦龙乡目巴村 Muba village, Chawalong Township	28.62	98.37	怒江墨头鱼	<i>Garra nujiangensis</i>
99	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	怒江墨头鱼	<i>Garra nujiangensis</i>
100	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	丙中洛镇 Bingzhongluo Township	28.04	98.62	怒江墨头鱼	<i>Garra nujiangensis</i>
101	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	克胜底 Keshengdi	27.04	98.88	怒江墨头鱼	<i>Garra nujiangensis</i>
102	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	福贡县城附近 Near the Fugong County	26.91	98.87	怒江墨头鱼	<i>Garra nujiangensis</i>
103	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	福贡县城附近 Near the Fugong County	26.89	98.88	怒江墨头鱼	<i>Garra nujiangensis</i>
104	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇城镇附近 Near the Liuku Township	25.85	98.86	怒江墨头鱼	<i>Garra nujiangensis</i>
105	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇 Liuku Township	25.84	98.87	怒江墨头鱼	<i>Garra nujiangensis</i>
106	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒宽乡 Mangkuan Township	25.44	98.90	怒江墨头鱼	<i>Garra nujiangensis</i>
107	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	土官寨 Tuguan village	25.44	98.89	怒江墨头鱼	<i>Garra nujiangensis</i>
108	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	敢顶村 Ganding village	25.34	98.88	怒江墨头鱼	<i>Garra nujiangensis</i>

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109	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒柳村 Mangliu village	25.15	98.85	怒江墨头鱼	<i>Garra nujiangensis</i>
110	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	漫海桥 Manhai Bridge	24.84	98.92	怒江墨头鱼	<i>Garra nujiangensis</i>
111	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县三江口 Sanjiangkou, Longling County	24.42	98.98	怒江墨头鱼	<i>Garra nujiangensis</i>
112	秋那桶河 Qiunatong River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	贡山县丙中洛镇秋那桶村 Qiunatong Village, Bingzhongluo Town, Gongshan County	28.08	98.57	怒江墨头鱼	<i>Garra nujiangensis</i>
113	老窝河 Laowo River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	泸水市老窝河 Laowo River, Lushui City	25.84	98.92	怒江墨头鱼	<i>Garra nujiangensis</i>
114	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	敢顶村 Ganding village	25.34	98.88	萨尔温墨头鱼	<i>Garra salweenica</i>
115	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒柳村 Mangliu village	25.15	98.85	萨尔温墨头鱼	<i>Garra salweenica</i>
116	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒棒村 Mangbang village	25.06	98.85	萨尔温墨头鱼	<i>Garra salweenica</i>
117	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	漫海桥 Manhai Bridge	24.84	98.92	萨尔温墨头鱼	<i>Garra salweenica</i>
118	怒江 Nujiang River	昌都市八宿县 Basu County, Changdu City	BS	布则村怒江大桥 Nujiang Bridge of Buze Village	30.08	97.26	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
119	加曲 Jia River	冷曲 Leng River	LQ	八宿县加曲 Jia River, Basu County	30.02	97.06	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
120	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡觉美村 Juemei Village, Guoqing Township, Basu County	30.71	96.89	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>

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121	玉曲 Yu River	玉曲 Yu River	YQ	八宿县益庆乡奇莫那村 Qimona Village, Yiqing Township, Basu County	30.62	97.06	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
122	玉曲 Yu River	玉曲 Yu River	YQ	八宿县吉中乡毕穷村 Biqiong Village, Jizhong Township, Basu County	30.37	97.25	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
123	玉曲 Yu River	玉曲 Yu River	YQ	八宿县邦达镇 Bangda Township, Basu County	30.24	97.29	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
124	玉曲 Yu River	玉曲 Yu River	YQ	左贡县美玉乡开开松多村 Kaikai Songduo Village, Meiyu Township, Zuogong County	30.14	97.40	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
125	玉曲 Yu River	玉曲 Yu River	YQ	左贡县色贡村 Segong Village, Zuogong County	29.99	97.47	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
126	玉曲 Yu River	玉曲 Yu River	YQ	左贡县登曲 Dengqu in Zuogong County	29.98	97.52	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
127	玉曲 Yu River	玉曲 Yu River	YQ	左贡县田妥镇德达村 Deda Village, Tiantuo Town, Zuogong County	29.96	97.51	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
128	玉曲 Yu River	玉曲 Yu River	YQ	左贡县田妥镇田妥村 Tiantuo Village, Tiantuo Town, Zuogong County	29.95	97.49	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
129	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇昌格达村 Changgeda Village, Wangda Town, Zuogong County	29.74	97.76	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
130	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇则巴村 Zeba Village, Wangda Town, Zuogong County	29.73	97.78	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
131	玉曲 Yu River	玉曲 Yu River	YQ	左贡县左贡县城附近 Near the Zuogong County, Zuogong County	29.68	97.83	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
132	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇林达村 Linda Village, Wangda Township, Zuogong County	29.63	97.89	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>

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133	玉曲 Yu River	玉曲 Yu River	YQ	左贡县扎玉镇拉索村 Lasuo Village, Zhayu Township, Zuogong County	29.26	98.09	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
134	玉曲 Yu River	玉曲 Yu River	YQ	左贡县吾通乡吾同村 Wutong Village, Wutong Township, Zuogong County	29.21	98.11	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
135	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡尼公村 Nigong Village, Juema Township, Zuogong County	29.16	98.18	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
136	玉曲 Yu River	玉曲 Yu River	YQ	左贡县扎玉镇 Zhayu Town, Zuogong County	29.14	98.21	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
137	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡碧西村 Bixi Village, Juema Township, Zuogong County	29.11	98.23	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
138	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡沙多村 Shaduo Village, Juema Township, Zuogong County	28.98	98.41	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
139	玉曲 Yu River	玉曲 Yu River	YQ	左贡县碧土乡弱里村 Ruoli Village, Bitu Township, Zuogong County	28.83	98.47	裸腹叶须鱼	<i>Ptychobarbus kaznakovi</i>
140	桑曲 Sang River	桑曲 Sang River	SQ	安多县桑曲下游 Lower Sang River in Anduo County	32.15	91.58	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
141	巴索曲 Basuo River	错那湖 Cuona lake	CNH	安多县帕那镇巴索曲 Basuo River, Pana Town, Anduo County	32.07	91.59	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
142	那曲 Na River	那曲 Na River	NQ	安多县那曲上游 Upper Na River, Anduo County	31.81	91.55	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
143	那曲 Na River	那曲 Na River	NQ	安多县生地玛 Shengdima, Anduo County	31.62	91.74	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
144	加曲 Jia River	冷曲 Leng River	LQ	八宿县加曲 Jia River, Basu County	30.02	97.06	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
145	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡多嘎村 Duoga Village, Guoqing Township, Basu County	30.89	96.60	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
146	玉曲 Yu River	玉曲 Yu River	YQ	八宿县加达多 Jiadao, Basu County	30.83	96.68	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>

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147	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡苏噶村 Suga Village, Guoqing Township, Basu County	30.74	96.80	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
148	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡觉尼村 Jueni Village, Guoqing Township, Basu County	30.71	96.86	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
149	玉曲 Yu River	玉曲 Yu River	YQ	八宿县郭庆乡觉美村 Juemei Village, Guoqing Township, Basu County	30.71	96.89	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
150	玉曲 Yu River	玉曲 Yu River	YQ	八宿县益庆乡奇莫那村 Qimona Village, Yiqing Township, Basu County	30.62	97.06	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
151	玉曲 Yu River	玉曲 Yu River	YQ	八宿县吉中乡毕穷村 Biqiong Village, Jizhong Township, Basu County	30.37	97.25	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
152	玉曲 Yu River	玉曲 Yu River	YQ	八宿县邦达镇 Bangda Township, Basu County	30.24	97.29	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
153	玉曲 Yu River	玉曲 Yu River	YQ	八宿县拉庆拉穷村 Laqing Laqiong Village, Basu County	30.20	97.32	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
154	玉曲 Yu River	玉曲 Yu River	YQ	左贡县美玉乡开开松多村 Kaikai Songduo Village, Meiyu Township, Zuogong County	30.14	97.40	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
155	玉曲 Yu River	玉曲 Yu River	YQ	左贡县色贡村 Segong Village, Zuogong County	29.99	97.47	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
156	玉曲 Yu River	玉曲 Yu River	YQ	左贡县登曲 Dengqu in Zuogong County	29.98	97.52	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
157	玉曲 Yu River	玉曲 Yu River	YQ	左贡县田妥镇德达村 Deda Village, Tiantuo Town, Zuogong County	29.96	97.51	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
158	玉曲 Yu River	玉曲 Yu River	YQ	左贡县田妥镇田妥村 Tiantuo Village, Tiantuo Town, Zuogong County	29.95	97.49	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
159	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇昌格达村 Changgeda Village, Wangda Town, Zuogong County	29.74	97.76	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>

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160	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇擦塘村 Catang Village, Wangda Town, Zuogong County	29.71	97.80	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
161	玉曲 Yu River	玉曲 Yu River	YQ	左贡县左贡县城附近 Near the Zuogong County, Zuogong County	29.68	97.83	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
162	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇林达村 Linda Village, Wangda Township, Zuogong County	29.63	97.89	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
163	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇麻科村 Make Village, Wangda Township, Zuogong County	29.59	97.91	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
164	玉曲 Yu River	玉曲 Yu River	YQ	左贡县扎玉镇拉索村 Lasuo Village, Zhayu Township, Zuogong County	29.26	98.09	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
165	玉曲 Yu River	玉曲 Yu River	YQ	左贡县吾通乡吾同村 Wutong Village, Wutong Township, Zuogong County	29.21	98.11	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
166	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡尼公村 Nigong Village, Juema Township, Zuogong County	29.16	98.18	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
167	玉曲 Yu River	玉曲 Yu River	YQ	左贡县扎玉镇 Zhayu Town, Zuogong County	29.14	98.21	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
168	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡碧西村 Bixi Village, Juema Township, Zuogong County	29.11	98.23	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
169	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡木椴村 Muye Village, Juema Township, Zuogong County	29.03	98.34	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
170	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡沙多村 Shaduo Village, Juema Township, Zuogong County	28.98	98.41	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
171	玉曲 Yu River	玉曲 Yu River	YQ	左贡县碧土乡毕九村 Bijiu Village, Bitu Township, Zuogong County	28.90	98.47	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>

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172	玉曲 Yu River	玉曲 Yu River	YQ	左贡县碧土乡弱里村 Ruoli Village, Bitu Township, Zuogong County	28.83	98.47	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
173	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖北 North of Cuona Lake, Anduo County	32.11	91.51	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
174	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖西北 Northwest of Cuona Lake, Anduo County	32.08	91.43	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
175	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖西北 Northwest of Cuona Lake, Anduo County	32.08	91.43	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
176	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖北 North of Cuona Lake, Anduo County	32.08	91.54	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
177	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖北 North of Cuona Lake, Anduo County	32.05	91.54	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
178	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖东 East of Cuona Lake, Anduo County	32.04	91.53	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
179	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖北 North of Cuona Lake, Anduo County	32.01	91.53	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
180	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖南 South of Cuona Lake, Anduo County	31.97	91.46	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
181	错那湖 Cuona lake	错那湖 Cuona lake	CNH	安多县错那湖南 South of Cuona Lake, Anduo County	31.94	91.49	温泉裸裂尻鱼	<i>Schizopygopsis thermalis</i>
182	怒江 Nujiang River	林芝市察隅县 Chayu County, Linzhi City	CY	龙布村 Longbu village	28.26	98.48	贡山裂腹鱼	<i>Schizothorax gongshanensis</i>
183	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	贡山裂腹鱼	<i>Schizothorax gongshanensis</i>
184	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	贡山县城附近 Near the Gongshan County	27.73	98.69	贡山裂腹鱼	<i>Schizothorax gongshanensis</i>
185	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	丙中洛镇 Bingzhongluo Township	28.04	98.62	光唇裂腹鱼	<i>Schizothorax lissolabiatu</i>

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186	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	桃花岛 Taohua Island	28.03	98.62	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
187	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	双拉 Shuangla	27.94	98.65	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
188	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	捧当 Pengdang	27.89	98.68	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
189	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝老桥队 The Old Bridge Team of Lujiang Dam	25.00	98.87	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
190	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
191	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
192	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	施甸县打黑大桥 Dahei Bridge, Shidian County	24.37	99.06	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
193	普拉河 Pula River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	贡山县普拉河 Pula River, Gongshan County	27.76	98.62	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
194	老窝河 Laowo River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	泸水市老窝河 Laowo River, Lushui City	25.84	98.92	光唇裂腹鱼	<i>Schizothorax lissolabiatius</i>
195	怒江 Nujiang River	林芝市察隅县 Chayu County, Linzhi City	CY	碧土乡据水村 Water village, Bitu Township	28.82	98.47	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
196	怒江 Nujiang River	林芝市察隅县 Chayu County, Linzhi City	CY	察瓦龙乡目巴村 Muba village, Chawalong Township	28.62	98.37	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>

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197	怒江 Nujiang River	林芝市察隅县 Chayu County, Linzhi City	CY	察瓦龙乡格布村 Gebu village, Chawalong Township	28.61	98.46	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
198	怒江 Nujiang River	林芝市察隅县 Chayu County, Linzhi City	CY	龙布村 Longbu village	28.26	98.48	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
199	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
200	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	丙中洛镇 Bingzhongluo Township	28.04	98.62	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
201	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	桃花岛 Taohua Island	28.03	98.62	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
202	怒江 Nujiang River	怒江州福贡县 Fugong County, Nujiang Prefecture	FG	福贡县城附近 Near the Fugong County	26.91	98.87	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
203	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	称杆乡 Chenggan Township	26.25	98.87	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
204	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇城镇附近 Near the Liuku Township	25.85	98.86	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
205	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	老窝河河口 Estuary of Laowo river	25.84	98.86	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
206	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇 Liuku Township	25.84	98.87	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
207	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇城镇附近 Near the Liuku Township	25.79	98.88	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>

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208	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	拉仑村 Lalun village	25.48	98.89	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
209	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒宽乡 Mangkuan Township	25.44	98.90	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
210	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	土官寨 Tuguan village	25.44	98.89	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
211	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	敢顶村 Ganding village	25.34	98.88	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
212	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒柳村 Mangliu village	25.15	98.85	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
213	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒棒村 Mangbang village	25.06	98.85	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
214	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	施甸县新华村 Xinhua village, Shidian County	24.47	99.02	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
215	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县三江口 Sanjiangkou, Longling County	24.42	98.98	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
216	玉曲 Yu River	玉曲 Yu River	YQ	左贡县登曲 Dengqu in Zuogong County	29.98	97.52	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
217	玉曲 Yu River	玉曲 Yu River	YQ	左贡县田妥镇德达村 Deda Village, Tiantuo Town, Zuogong County	29.96	97.51	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
218	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇昌格达村 Changgeda Village, Wangda Town, Zuogong County	29.74	97.76	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
219	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇则巴村 Zeba Village, Wangda Town, Zuogong County	29.73	97.78	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>

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220	玉曲 Yu River	玉曲 Yu River	YQ	左贡县左贡县城附近 Near the Zuogong County, Zuogong County	29.70	97.82	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
221	玉曲 Yu River	玉曲 Yu River	YQ	左贡县旺达镇麻科村 Make Village, Wangda Township, Zuogong County	29.59	97.91	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
222	玉曲 Yu River	玉曲 Yu River	YQ	左贡县扎玉镇拉索村 Lasuo Village, Zhayu Township, Zuogong County	29.26	98.09	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
223	玉曲 Yu River	玉曲 Yu River	YQ	左贡县扎玉镇吾沙村 Wusha Village, Zhayu Town, Zuogong County	29.21	98.11	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
224	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡尼公村 Nigong Village, Juema Township, Zuogong County	29.16	98.18	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
225	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡卡尼村 Kani Village, Juema Township, Zuogong County	29.15	98.19	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
226	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡碧西村 Bixi Village, Juema Township, Zuogong County	29.11	98.23	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
227	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡木桠村 Muya Village, Juema Township, Zuogong County	29.03	98.34	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
228	玉曲 Yu River	玉曲 Yu River	YQ	左贡县觉马乡沙多村 Shaduo Village, Juema Township, Zuogong County	28.98	98.41	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
229	玉曲 Yu River	玉曲 Yu River	YQ	左贡县碧土乡毕九村 Bijiu Village, Bitu Township, Zuogong County	28.90	98.47	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
230	玉曲 Yu River	玉曲 Yu River	YQ	左贡县碧土乡弱里村 Ruoli Village, Bitu Township, Zuogong County	28.83	98.47	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>

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231	玉曲 Yu River	玉曲 Yu River	YQ	左贡县碧土乡甲郎村 Jialang Village, Bitu Township, Zuogong County	28.71	98.52	怒江裂腹鱼	<i>Schizothorax nukiangensis</i>
232	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	鲫	<i>Carassius auratus</i>
233	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	鲫	<i>Carassius auratus</i>
234	南汀河 Nanting River	南汀河 Nanting River	NT	临沧市临翔区博尚水库 Boshang Reservoir, Linxiang District, Lincang City	23.72	100.06	鲫	<i>Carassius auratus</i>
235	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒柳村 Mangliu village	25.15	98.85	鲤	<i>Cyprinus carpio*</i>
236	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	施甸县甘蔗地 Ganzhedi in Shidian County	24.48	99.03	鲤	<i>Cyprinus carpio*</i>
237	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	下口鲇	<i>Hypostomus plecostomus*</i>
238	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	云南鲃	<i>Clupisoma yunnanensis</i>
239	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇怕秋 Paqiu, Mengding Town, Gengma County	23.56	99.04	云南鲃	<i>Clupisoma yunnanensis</i>
240	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇芒汀 Mangting, Mengding Town, Gengma County	23.56	99.02	云南鲃	<i>Clupisoma yunnanensis</i>
241	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇麻疯村 Mafeng Village, Mengding Town, Gengma County	23.51	98.95	云南鲃	<i>Clupisoma yunnanensis</i>
242	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	斑点叉尾鮰	<i>Ictalurus punctatus*</i>

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243	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县旧城乡 Jiucheng Township, Shidian County	24.43	99.26	胡子鲇	<i>Clarias fuscus</i>
244	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	胡子鲇	<i>Clarias fuscus</i>
245	南汀河 Nanting River	南汀河 Nanting River	NT	临沧市临翔区博尚水库 Boshang Reservoir, Linxiang District, Lincang City	23.72	100.06	胡子鲇	<i>Clarias fuscus</i>
246	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇怕秋 Paqiu, Mengding Town, Gengma County	23.56	99.04	胡子鲇	<i>Clarias fuscus</i>
247	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇芒汀 Mangting, Mengding Town, Gengma County	23.56	99.02	胡子鲇	<i>Clarias fuscus</i>
248	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	胡子鲇	<i>Clarias fuscus</i>
249	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	红旗桥 Hongqi Bridge	24.74	98.98	巨鲇	<i>Bagarius yarrelli</i>
250	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	施甸县甘蔗地 Ganzhedi in Shidian County	24.48	99.03	巨鲇	<i>Bagarius yarrelli</i>
251	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县三江口 Sanjiangkou, Longling County	24.42	98.98	巨鲇	<i>Bagarius yarrelli</i>
252	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	龙陵县龙镇大桥 Longzhen Bridge, Longling County	24.24	99.08	巨鲇	<i>Bagarius yarrelli</i>
253	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	巨鲇	<i>Bagarius yarrelli</i>
254	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	大鳍异鲛	<i>Creteuchiloglanis macropterus</i>

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255	怒江 Nujiang River	怒江州福贡县 Fugong County,	FG	福贡县城附近 Near the Fugong County	26.89	98.88	大鳍异鲃	<i>Creteuchiloglanis macropterus</i>
256	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇城镇附近 Near the Liuku Township	25.79	98.88	大鳍异鲃	<i>Creteuchiloglanis macropterus</i>
257	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	漫海桥 Manhai Bridge	24.84	98.92	大鳍异鲃	<i>Creteuchiloglanis macropterus</i>
258	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	秋那桶村 Qiunatong village	28.09	98.56	贡山异鲃	<i>Creteuchiloglanis gongshanensis</i>
259	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝老桥队 The Old Bridge Team of Lujiang Dam	25.00	98.87	粒线纹胸鲃	<i>Glyptothorax granosus</i>
260	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	粒线纹胸鲃	<i>Glyptothorax granosus</i>
261	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇城镇附近 Near the Liuku Township	25.85	98.86	矛形纹胸鲃	<i>Glyptothorax lanceatus</i>
262	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	老窝河河口 Estuary of Laowo river	25.84	98.86	矛形纹胸鲃	<i>Glyptothorax lanceatus</i>
263	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝老桥队 The Old Bridge Team of Lujiang Dam	25.00	98.87	矛形纹胸鲃	<i>Glyptothorax lanceatus</i>
264	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	漫海桥 Manhai Bridge	24.84	98.92	矛形纹胸鲃	<i>Glyptothorax lanceatus</i>
265	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	矛形纹胸鲃	<i>Glyptothorax lanceatus</i>

序号 ID	河流 River	所属河段 Reach	亚流域名称 Sub-basin	采样点 Sampling sites	纬度 Latitude (N)	经度 Longitude (E)	物种名 Chinese species	拉丁名 Latin name
266	怒江 Nujiang River	龙陵施甸 Longling County and Shidian County	LLSD	施甸县打黑大桥 Dahei Bridge, Shidian County	24.37	99.06	矛形纹胸鲃	<i>Glyptothorax lanceatus</i>
267	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇 Liuku Township	25.84	98.87	三线纹胸鲃	<i>Glyptothorax trilineatus</i>
268	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	三线纹胸鲃	<i>Glyptothorax trilineatus</i>
269	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	桃花岛 Taohua Island	28.03	98.62	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
270	怒江 Nujiang River	怒江州贡山县 Gongshan County, Nujiang Prefecture	GS	双拉 Shuangla	27.94	98.65	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
271	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	称杆乡 Chenggan Township	26.25	98.87	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
272	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库新村 Liuku village	25.92	98.83	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
273	怒江 Nujiang River	怒江州泸水市 Lushui City, Nujiang Prefecture	LS	六库镇 Liuku Township	25.84	98.87	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
274	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	芒宽乡 Mangkuan Township	25.44	98.90	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
275	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
276	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	漫海桥 Manhai Bridge	24.84	98.92	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>
277	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇柏秋 Paqiu, Mengding Town, Gengma County	23.56	99.04	扎那纹胸鲃	<i>Glyptothorax zanaensis</i>

序号 ID	河流 River	所属河段 Reach	亚流域名称 Sub-basin	采样点 Sampling sites	纬度 Latitude (N)	经度 Longitude (E)	物种名 Chinese species	拉丁名 Latin name
278	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	黄鲢	<i>Monopterus albus</i>
279	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇黑龙塘 Heilongtang, Mengding Town, Gengma County	23.54	99.00	大刺鲃	<i>Mastacembelus armatus</i>
280	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇大湾江隧道 Dawanjiang Tunnel, Mengding Town, Gengma County	23.53	98.97	大刺鲃	<i>Mastacembelus armatus</i>
281	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	尼罗罗非鱼	<i>Oreochromis nilotica</i> *
282	南汀河 Nanting River	南汀河 Nanting River	NT	耿马县孟定镇芒汀 Mangting, Mengding Town, Gengma County	23.56	99.02	尼罗罗非鱼	<i>Oreochromis nilotica</i> *
283	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	潞江坝镇 Lujiangba Township	24.95	98.89	宽额鳊	<i>Channa gachua</i>
284	怒江 Nujiang River	保山市隆阳区 Longyang District, Baoshan City	LY	岗岭河河口 Estuary of Gangling River	24.83	98.91	宽额鳊	<i>Channa gachua</i>
285	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县旧城乡 Jiucheng Township, Shidian County	24.43	99.26	宽额鳊	<i>Channa gachua</i>
286	勐波罗河 Mengboluo River	勐波罗河 Mengboluo River	MBL	施甸县郝空寨 Haokongzhai, Shidian County	24.41	99.24	宽额鳊	<i>Channa gachua</i>

* 代表外来种