**MATERIAL EXAMINED**

*Alestes dentex*: AMNH 226449, 1C&S, Niger River, Benin.

*Alestes macrophthalmus*: AMNH 217360, Malagarazi River, Tanzania; AMNH 245441, 1μCT scan, Sangha River at Senga Bato, Rep. Congo.

*Alestopetersius caudalis*: AMNH 263304, Congo River, Boma, D.R. Congo.

*Alestopetersius hilgendorfi*: AMNH 244114, 1μCT scan, Yenge River at Boyenga, D.R. Congo.

*Arnoldichthys spilopterus*: AMNH 233398, Lower Niger River, Nigeria; AMNH 216017, 1μCT scan, New Calabar River, Nigeria.

*Bathyaethiops atercrinis*: AMNH 253502, 2C&S, 1μCT scan, Lekoumou River, Rep. Congo.

*Bathyaethiops breuseghemi*: AMNH 269023, 1μCT scan, Lulua River, D.R. Congo*.*

*Bathyaethiops greeni*: AMNH 252261, Salonga National Park, D.R. Congo.

*Brachyalestes abeli*:ANSP 65545, holotype, Ubangui-Shari, Central African Republic.

*Brachyalestes affinis*: AMNH 236182, Tana River, Kenya; FMNH 54284, Wabbi River, Ethiopia.

*Brachyalestes bimaculatus*: AMNH 59586, Lake Telle, Rep. Congo; AMNH 238368, Lake Telle, Rep. Congo; AMNH 238395, Congo River, D.R. Congo; AMNH 239974, Likouala-aux-Herbes River, Rep. Congo; AMNH 240384, 1 rd, Odzala Nat. Forest, Rep. Congo; AMNH 240759, Salonga National Park, D.R. Congo; AMNH 240760, 1 rd, Salonga National Park, D.R. Congo; AMNH 240761, 2 rd, Salonga National Park, D.R. Congo; AMNH 240762, Salonga National Park, D.R. Congo; AMNH 242467, 2 rd, Lac Ikenge, D.R. Congo; AMNH 242468, Lac Ikenge, D.R. Congo; AMNH 242469, Lac Ilungu, D.R. Congo; AMNH 242470, Lac Nkolentulu, D.R. Congo; AMNH 242471, 2 rd, Lutoyi River, D.R. Congo; AMNH 245422, Sangha, Rep. Congo; AMNH 246094, Uzam, D.R. Congo; AMNH 249774, Lomako River, D.R. Congo; AMNH 269859, Mai Ndombe, D.R. Congo; AMNH 269860, Mai Ndombe, D.R. Congo; AMNH 274766, Lomomo River, D.R. Congo; AMNH 274767, Lomomo River, D.R. Congo; CUMV 92682, Lekeni River, Rep. Congo; CUMV 93151, Lekoli River, Rep. Congo.

*Brachyalestes carolinae*: AMNH 254139, Conakry, Guinea; AMNH 254143, Conakry, Guinea.

*Brachyalestes comptus*: AMNH 268667, Kwango River, D.R. Congo; AMNH 250111, Luozi, D.R. Congo.

*Brachyalestes epuluensis*: AMNH 5995, Avakubi, Ituri River, D.R. Congo.

*Brachyalestes ferox*: AMNH 276996, paratypes, Lake Turkana, Kenya.

*Brachyalestes humilis*: AMNH 230315, Lake Zile, Gabon.

*Brachyalestes imberi*: AMNH 227463, Sangha, Rep. Congo; AMNH 227550, Sangha, Rep. Congo.

*Brachyalestes jacksonii*: AMNH 222654, Lake Victoria, Uganda.

*Brachyalestes kingsleyae*: AMNH 230206, 4 rd, Lake Zile, Gabon; AMNH 230212, Lake Zile, Gabon; AMNH 230225, Lake Zile, Gabon; AMNH 230258, Lake Zile, Gabon; AMNH 230304, 3 rd, Lake Zile, Gabon; AMNH 230329, Ogooue River, Gabon; AMNH 230759, Ivindo River, Gabon; AMNH 232054, Woleu-Ntem, Gabon; AMNH 232242, Tchibanga, Gabon; AMNH 232254, Nyanga River, Gabon; AMNH 232381, Lambarene, Gabon; AMNH 236452, Cameroon; AMNH 236492, Mefou River, Yaounde, Cameroon; AMNH 253827, Loungou River, Rep. Congo; AMNH 253837, Lower Guinea, Rep. Congo; AMNH 253866, Djoulou River, Rep. Congo; AMNH 256539, Lekoumou Region, Rep. Congo; AMNH 262921, 3 rd, Ogooue-Ivindo, Gabon; AMNH 262980, Gniabale River, Gabon; AMNH 263034, Ivindo River, Gabon; AMNH 263485, 4 rd, Loeme River, Rep. Congo; AMNH 271745, Rio Mbia, Equatorial Guinea; AMNH 277736, Lukula Territory, D.R. Congo; CUMV 81130, Ogooue-Ivindo, Gabon; CUMV 83235, Ivindo River, Gabon; CUMV 86342, Ivindo River, Gabon; CUMV 86383, Ndjolé, Gabon; CUMV 92366, Ivindo River, Gabon; CUMV 99298, Woleu River, Gabon; CUMV 99302, Woleu River, Gabon; CUMV 99335, Mvung River, Gabon; CUMV 99433, Ivindo River, Gabon; CUMV 99443, Ivindo River, Gabon; FMNH 56142, Chiloango River, Cabinda, Angola.

*Brachyalestes lateralis*: AMNH 97668, Okavango delta, Botswana; AMNH 259431, Mulungushi River, Zambia.

*Brachyalestes nurse*: AMNH 215629, 1μCT scan, Bahr El Ghazal, Sudan; AMNH 227279, Gambella, Ethiopia; AMNH 230623, Ouandja River, Central African Republic; AMNH 254138, Conakry, Guinea; AMNH 228719, Chari River, Lake Tchad, Central African Republic.

*Brachyalestes opisthotaenia*: AMNH 230258, Lake Zile, Gabon; CUMV 99455, Okano River, Gabon.

*Brachyalestes sadleri*: AMNH 216259, Lake Victoria, Uganda.

*Brachyalestes taeniurus*: AMNH 262981, Gniabale-Ivindo River, Gabon.

*Brachypetersius altus*: AMNH 252504, Kwilu River, D.R. Congo; AMNH 259243, 2μCT scan, Mai Ndombe River, D.R. Congo.

*Brachypetersius notospilus*: AMNH 253967, 1μCT scan, Lebayi River, Rep. Congo.

*Brycinus brevis*: AMNH 273417, Makona River, Guinea.

*Brycinus carmesinus*: AMNH 6330, holotype, lower Congo.

*Brycinus grandisquamis*: AMNH 263305, Boma region, D.R. Congo; AMNH 274769, Lomomo River, D.R. Congo.

*Brycinus macrolepidotus*: AMNH 230603, Monovo River, Central African Republic; AMNH 239507, 1C&S, Congo River, Brazzaville, Rep. Congo; AMNH 270775, 1μCT scan, Niger River at Mafou, Guinea.

*Brycinus poptae*: AMNH 240767, Salonga National Park, D.R. Congo. AMNH 268678, Kwango River, D.R. Congo.

*Brycinus rhodopleura*: AMNH 271026, Malagarasi Delta region, Tanzania.

*Brycinus taeniurus*: AMNH 262981, 2μCT scan, Gniabale River, Gabon.

*Bryconaethiops boulengeri*: AMNH 240415, 1μCT scan, Odzala National Forest, Rep. Congo.

*Bryconaethiops microstoma*: AMNH 238290, 2C&S, Malebo Pool, Brazzaville, Rep. Congo; AMNH 263324, Boma, Congo River, D.R. Congo; AMNH 253823, 1μCT scan, Kwilu River, D.R. Congo.

*Bryconalestes longipinnis*: AMNH 258383, Noumbi River, Rep. Congo; AMNH 59626, 1μCT scan, Gola north forest reserve, Sierra Leone.

*Bryconalestes tholloni*: AMNH 253925, 1μCT scan, Kouilou-Niari at Loudima, Rep. Congo.

*Clupeocharax schoutedeni*: AMNH, 242487, 1μCT scan, Lac Ndekengelo, Bandudu, D.R. Congo; AMNH 242485, 1μCT scan, Lac Ikenge, D.R. Congo.

*Hemigrammopetersius barnardi*: AMNH 50825, Tanzania.

*Hydrocynus forskahlii*: AMNH 238308, Kasai River, Bandundu, D.R. Congo; AMNH 238305, 1μCT scan, Kasai River, D.R. Congo.

*Hydrocynus vittatus*: AMNH 238297, 1C&S, Fimi River, Bandundu, D.R. Congo.

*Ladigesia roloffi*:AMNH 50886, Sierra Leone; AMNH 233394, 2μCT scan, Aquarium material*.*

*Lepidarchus adonis*: AMNH 261317, 2μCT scan, Guinea.

*Micralestes holargyreus*: AMNH 263359, 1μCT scan, Congo River at Boma, D.R. Congo*.*

*Micralestes humilis*: AMNH 245464 , Lengoue River, Sangha, Rep. Congo; AMNH 240814, 1μCT scan, Luilaka River, D.R. Congo.

*Micralestes pabrensis*: AMNH 57427, 2C&S, Volta River, Ghana; AMNH 50831, 2μCT scan, no locality data.

*Nannopetersius ansorgii*: AMNH 258095, Kouilou, Rep. Congo; AMNH 263093, 2μCT scan, Lake Tchibanji, Rep. Congo.

*Nannopetersius lamberti*: AMNH 238370, 1μCT scan, Foulakari River, Rep. Congo*.*

*Phenacogrammus aurantiacus*: AMNH 274780, 2μCT scan, Ndzaa River, D.R. Congo.

*Phenocogrammus concolor*: AMNH 276321, 2μCT scan, Ndzaa River, D.R. Congo.

*Phenacogrammus deheyni:* AMNH 252208, 1μCT scan, Bionga Bionga, D.R. Congo.

*Phenacogrammus flexus*: AMNH 276320, 2μCT scan, Ndzaa River, D.R. Congo.

*Phenacogrammus interruptus*: AMNH 239467, 2C&S, Congo River, Brazzaville, Rep. Congo; AMNH 256217, Kwilu River, D.R. Congo; AMNH 274784, 2μCT scan, Lomomo River, D.R. Congo.

*Phenacogrammus major*: AMNH 236514, 1μCT scan, Pont So’o, Cameroon.

*Phenacogrammus polli*: AMNH 240818, 1C&S, Salonga National Park, D.R. Congo; AMNH 240816, 1μCT scan, Luilaka River, D.R. Congo.

*Phenacogrammus urotaenia*: AMNH 253971, 2μCT scan, Lebayi River, Rep. Congo.

*Rhabdalestes aeratis*: AMNH 242479, 2μCT scan, Lac Besako, D.R. Congo*.*

*Rhabdalestes septentrionalis*: AMNH 275205, Kodiwol, Gaoual, Guinea; AMNH 254042, 1μCT scan, Liberia.

*Rhabdalestes yokai*: AMNH 274862, 2μCT scan, Kouyou River, Rep. Congo.

*Tricuspidalestes caeruleus*: AMNH 252193, 1μCT scan, Ta’Simon a Bouagui, D.R. Congo.