

**Comparative material. *Astyanax aeneus* (Günther, 1864).****Lectotype.** BMNH 1860.6.17.41, 65.78 mm SL, Oaxaca.**Paralectotypes.** BMNH 1860.6.17.41, 65.99 mm SL, Oaxaca.

BMNH 1907.4.10.03, 80.02 mm SL, Oaxaca.

***Astyanax belizianus* (Boucort, 1868). Syntypes.**

BMNH 1974.1.3.307-310 (1 ex.). MNHN 5224 and MNHN 5225 (12 ex.), 64.1-112.8 mm SL, Mullins river, Belize.

***Astyanax brevimanus* (Boucort, 1868). Syntypes.**

BMNH 1864.1.26.177 (3, 67.5-78 mm SL), S. Geronimo river.

BMNH 1864.1.26.388, 3 ex., 80.3-85.1 mm SL, Yzabal.

BMNH 1861.8.12.20-21, 2 ex., 60.2-64.1 mm SL.

***Astyanax cobanensis* (Bocort, 1868). Syntypes.**

BMNH 1907.4.10.2 (1 ex., 60.6 mm SL), Vera Paz, MNHN 5219-5220,

19 exs, Coban river, Mexico.

***Astyanax costaricensis* Meek, 1914. Non-types:**

BMNH 1925.3.6.61-70, 29 ex., 39.13 - 119.33 mm SL, Contamigobi

creek into Cricamola river at Konkitu. BMNH 1925.3.6.76-

80, 6 ex., 54.26 - 106.92 mm SL, San-San River, Panama.

BMNH 1925.3.51-60, 25 ex., 39.90 - 77.49 mm SL, Cricamola

River, above Konkitu, Behre and Chambers, 22 Feb. 1923.

BMNH 1925.3.6.74-75, 2 ex., 72.61-88.86 mm SL, Costa Rica,

Atlantic slope. BMNH 1925.3.6.41-50, 35 ex., 37.53-89.07

mm SL, R. Cricamola below Konkitu. BMNH 1925.3.671-73,

3 ex., 77.17-100.58 mm SL, Rio Ieribe above R. Chauginda.

BMNH 1925.3.681-88, 8 ex., 69.90-92.45 mm SL, Panama,

R Panama into EH Bekre, 8 May 1921, Admiral bay, Atlantic

stream, BMNH 1925.3.6.89, 1 ex., 70.84 mm SL, Grande form

creek swamps into R. Sixaola - Atlant. BMNH 1909.3.13.17-

25, 24 ex., 58.56-120.89 mm SL, Costa Rica, R. Iroquoris Mr

CF Underwood.

***Astyanax cuvieri* (Luetken, 1875). Syntypes.**

MNHN 9581, 2 ex., 72.2-46.1 mm SL, rio das Velhas. ZMB 9198, 2 ex., 39.0-

69.0, rio das Velhas. ZMC 306, 94.3 mm SL, Rio das Velhas.

ZMC 312, 71.5 mm SL, Rio das Velhas. ZMC 308, 85.6 mm SL,

rio das Velhas. ZMC 310, 81.6 mm SL, Rio das Velhas. ZMC

363, 60.8 mm SL, Rio das Velhas. ZMC 314, 47.8 mm, Rio das

Velhas. ZMC 315, 47.6 mm SL, Rio das Velhas.

Non-types: MNRJ 6226, 10 ex., 63.4-83.9 mm SL, 10 ex.

me, São Francisco river, Glória, state of Bahia, commission

of the National Museum and the Public Health Institute, 10

Jul. 1951. MNRJ 16183, 5 ex., 36.30-48.41 mm SL, Minas

Gerais, between Januário and Itacarambi, Peruaçu river,

left bank tributary of São Francisco river, DF Moraes Jr. and

LC Alvarenga, ** Sep. 1990. MNRJ 16214, Peruaçu river, a

left bank tributary of the São Francisco river, between the

municipalities of Januária and Itacarambi. MNRJ 21334, 64

ex., 14.61-72.34 mm SL, Minas Gerais, Cabeceira Grande,

Roncador stream, Minas Gerais-188, Cabeça Grande,

15°56'22"S 46°56'24"W, Filipe Augusto G. de Melo, P.A.

Buckup and M.R.S. Melo, February 22, 2000. MNRJ 21551, 26

ex., 80.7-94.24 mm SL, Minas Gerais, Ouro Branco, Ferreira

stream, Paraopeba basin, on Lobo Leite road, Ouro Branco,

20°31'30"S 43°43'11"W, PA Buckup, AT Aranda and MRS

Melo, 22 Nov. 2000. MNRJ 24041, 82 ex., 29.7 - 81.07 mm, 10

ex. MC, Rio das Velhas, near Lagoa Santa, Minas Gerais. Myers,

P.M. Ribeiro and Carvalho. MNRJ 26076, 25 ex., 48-32.89

mm SL, Peruaçu river, tributary of the São Francisco river

between Itacarambi and Januária Minas Gerais, 15°08'55"S

44°14'05"W, BP Nogueira and MFG Brito, 13 Oct. 2001. MNRJ

26080, 1 eg, 46.13 mm SL, Peruaçu river between Itacarambi

and Januária Minas Gerais, 15°08'55"S 44°14'05"W, BP

Nogueira and MFG Brito, 13 Oct. 2001. MNRJ 26087, 1 ex.,

65.06 mm SL, Peruaçu river between Itacarambi and Januária

Minas Gerais, 15°06'46"S 44°14'28"S, BP Nogueira and MFG

Brito. MNRJ 26090, 1 ex., 43.90 mm SL, Peruaçu river in the

Veredas do Peruaçu State Park, 14°54'59"S 44°37'02"W, BP

Nogueira and MFG Brito, 15 Oct. 2001. MNRJ 26095, 3 ex.,

24.69-26.99 mm SL, Peruaçu river, 15 00' 56"S 44 32'54"W,

BP Nogueira and MFG Brito, 12 Oct. 2001. MNRJ 26153, 10 ex.,

44.3-76.8 mm, Córrego da Cachoeira, Pirapora, Minas Gerais,

Carvalho, Miramda Ribeiro, Myers, October 10, 1942. MNRJ

not catalogued, ex MNRJ 21489, 2 ex MC. MZUSP 16214,

4 ex. MC. MZUSP 17084, 6 ex. MC. MZUSP 39647, 31.76

- 80.05 mm, Chumbo stream, Abaeté river, São Francisco

river basin, Minas Gerais, Y Sato, UHE Formoso project, 18

Mar. 1988. MZUSP 18949, 68.76-107.06 mm SL, Três Marias,

São Francisco river, Minas Gerais, CODEVASP, 1978. MZUSP

39710, 50.66 - 79.84 mm SL, Córrego do Lageado, Minas

Gerais, Três Marias, tributary of the São Francisco River,

Y Sato, project HPP Formoso. MZUSP 39129, 44.8 - 75.44

mm SL, Córrego Consciência, tributary of the São Francisco

River, Minas Gerais, Y Sato, project UHE Formoso, 6-9, Nov.

1987. MZUSP 16868, 69.85 mm SL, São Francisco River, Três

Marias, Minas Gerais, Maurício Tozzi M da Silva, 1964. MZUSP

39557, 20.39-73.72 mm SL, stream Ribeirão Manso, Abaeté

river, São Francisco river basin, Y Sato, project UHE Formoso,

January 21, 1988, MZUSP 39615, 17.75-61.41 mm SL, stream

Areado bridge, Abaeté river, Major Porto, Minas Gerais, Y

Sato, UHE Formoso project, March 18, 1988. MZUSP 39581,

28.47 mm SL, Abaeté river, tributary of the São Francisco

river, Arapuã road bridge - Tiros, Minas Gerais, 16 Mar. 1988.

MZUSP 39621, 36.99-76.54 mm SL, 3 ex. Capivara stream,

Abaeté river, Major Porto, Minas Gerais, Y Sato, project UHE

Formoso, 18 Mar. 1988. MZUSP 51513, 5ex. 69.54-72.25 mm

SL, Minas Gerais, Juatubá, Paraopeba river, Mesquita lagoon,

MZUSP 39621, 6x. 36.99-76.54 mm SL, Capivara stream,

Abaeté river, Major Porto, Minas Gerais, Y Sato, project

HPP Formoso, 18 Mar. 1988. BMNH 1876.1.10.40-46, 2 ex.,

37.46-84.12 mm SL, Rio das Velhas, Lagoa Santa, Museum of

Copenhagen. BMNH 1924.12.16.1-4, 4 ex., 81.01-89.30 mm

SL, Jaguará, Rio das Velhas, approximately 32 m, km or miles

North of Belo Horizonte.

***Astyanax fasciatus* (Cuvier, 1819). Holotype.**MNHN A.8653, 1 ex., São Francisco river, Brazil. **Non-types:** MNHN

A.8654, 1 ex., 106.6 mm SL. São Francisco river, Brazil. MNHN A.9896, 02 ex., 67.4-82.9 mm SL, São Francisco river, Brazil. MNRJ 5513, 16 ex., 43.0-74.4 mm SL, stream, Pirapora, Minas Gerais, Brazil, Moojen and Bailey, 9 Feb. 1942. MNRJ 6150, 4 ex., 54.0-79.7 mm SL, river Das Velhas, near Lagoa Santa, Lagoa Santa, Minas Gerais, Brazil, 19°35'00"S 43°50'00"W, GS Myers, P Miranda Ribeiro and AL Carvalho, **. 1942. MNRJ 6201, 1 ex., 80.2 mm CP, São Francisco River, Bahia, Brazil, 09°22'30"S 38°16'30"W, Commission of the National Museum and Institute of Public Health, 10 May 1951. MNRJ 15784, 11 ex, 32.2-43.1 mm SL, São Francisco River, Itacarambi, Minas Gerais, Brazil, DF Moraes Jr. and JC de Oliveira, 17 Aug. 1990. MNRJ 15801, 11 ex, lagoa do Sossego, right bank of the São Francisco river, Manga, Minas Gerais, Brazil, 15°09'00"S 44°00'00"W, DF Moraes Jr. and JC de Oliveira, 23 Aug. 1990. MNRJ 15825, 5 ex., 11.8-39.4 mm SL, lagoa de Mocambinho, right bank of the São Francisco river, Manga, Minas Gerais, Brazil, DF Moraes Jr., LC Alvarenga and C Ricci, 07 Mar. 1998. MNRJ 16097, 9 ex., 28.6-36.1 mm SL, Mocambinho stream and lagoon, right bank of the São Francisco river, Manga, Minas Gerais, Brazil, JC de Oliveira and OT Oyakawa, 17 Jul. 1990. MNRJ 16099, 7 ex, 27.7-39.9 mm SL, São Francisco river, between Itacarambi and Mocambinho, Manga, Minas Gerais, Brazil, 15°06'00"S 44°05'00"W, DF Moraes Jr. and LC Alvarenga and C Ricci, 17 Aug. 1990. MNRJ 16140, 1 ex., 89.9 mm SL, Gameleira river, affluent of Jequitaiá river, Km 462.5 of BR 135, Bocaiuva, Minas Gerais, Brazil, DF Moraes Jr. and JC de Oliveira, 16 Aug. 1990. MNRJ 16153, 7 ex., 17.9-28.9 mm SL, Marginal lagoon on the river Jequitaiá, near BR 135 between Joaquim Felício and Bocaiúva, Joaquim Felício, Minas Gerais, Brazil, DF Moraes Jr. and JC de Oliveira, 16 Aug. 1990. MNRJ 16164, 1 ex, 78.1 mm SL, artificial channel in Mocambinho (CP1), right bank of the São Francisco river, Manga, Minas Gerais, Brazil, DF Moraes Jr. and JC de Oliveira, 22 Aug. 1990. MNRJ 16170, 8 ex, 31.5-41.6 mm SL, Rio Verde Grande, affluent of the São Francisco river, Vila Cachoeirinha, Janaúba, Minas Gerais, Brazil, 15°47'00"S 43°35'00"W, DF Moraes Jr. and LC Alvarenga, **. Sep. 1990. MNRJ 16183, 5 ex., 36.3-48.4 mm SL, Peruaçu River, affluent of the left bank of the São Francisco River, between the municipalities of Januário and Itacarambi, Itacarambi, Minas Gerais, Brazil, DF Moraes Jr., LC Alvarenga and C Ricci, 29 Jan. 1999. MNRJ 16234, 8 ex., 27.9-41.4 mm SL, Lagoa do Sossego, right bank of São Francisco River, Mocambinho, Minas Gerais, Brazil, JC de Oliveira and OT Oyakawa, 19 Jul. 1990. MNRJ 16331, 06 ex., Rio São Francisco, Manga, Minas Gerais, Brazil, JC de Oliveira & NS Menezes, 03 Jul. 1998. MNRJ 16346, 1 ex., 50.6 mm SL, Mocambinho stream, affluent of the São Francisco river, near the mouth at Mocambinho, Manga, Brazil, JC de Oliveira and MS Menezes, 12 Mar. 1990. MNRJ 17366, 17 ex., 49.2-72.3 mm SL, São Francisco river, in Mocambinho, artificial channel on the right bank of the river, Manga, Minas Gerais, Brazil, JC de Oliveira, 27 Nov. 1996. MNRJ 18060, 1 ex, 101.4 mm SL, Rio Preto, affluent of the left bank of the Paracatu river, on

the left bank of the São Francisco river, downstream of the Queimado waterfalls, at the Mata Velha farm, Pamital, Minas Gerais, Brazil, 16°12'35"S 47°13'59"W, CA Figueiredo and DF Moraes Jr, 16 Dec. 1998. MNRJ 21489, 4 ex., 60.9-71.1 mm SL, São Francisco River, Pirapora, Minas Gerais, Brazil, 17°23'00"S 44°55'30"W, without known collectors, 13 Mar. 1958. MNRJ 21828, 4 ex., 52.1-67.0 mm SL, 3 ex diaf. and cor., Rio São Francisco, Pirapora, Minas Gerais, Brazil, 17°23'00"S 44°55'30"W, without known collectors, 13 Mar. 1958. MNRJ 21850, 25 ex., 80.0-49.9 mm SL, São Francisco river, Pirapora, Minas Gerais, Brazil, H Travassos, 13 Mar. 1958. MNRJ 21637, 5 ex., 80.0-49.9 mm SL, São Francisco river, Pirapora, Minas Gerais, Brazil, H Travassos, 13 Mar. 1958. MNRJ 21643, 4 ex., Rio São Francisco, Pirapora, Minas Gerais, Brazil, no known collectors, 13 Mar. 1958. MNRJ 22274, 10 ex., 44.2-82.3 mm SL, rio São Francisco, rio Grande in front of Barra, Barra, Bahia, Brazil, 11°05'32"S 48°08'20"W, PA Buckup *et al.*, 06 Aug. 2001. MNRJ 22817, 5 ex, canal of the São Francisco river, near the mouth of the Icatu river, southeast of Ibiraba, Barra, Bahia, Brazil, 10°48'13"S 42°50'38"W, PA Buckup, AT Aranda, FAG Melo, 06 Aug. 2001. MNRJ 23108, 15 ex., 59.3-106.3 mm SL, córrego da Porta, basin of the São Francisco river, Três Marias, Minas Gerais, Brazil, OM Filho, 26 July 1985. MNRJ 23110, 7 ex., MNRJ 23110, 7 ex., 61.2-73.5 mm SL, main channel of the São Francisco River, below the Três Marias dam, Três Marias, Minas Gerais, Brazil, 18°10'00"S 45°12'30"W, OM Filho, 07 Nov. 1991. MNRJ 24054, 15 ex, 36.3-69.2 mm SL, Rio das Velhas, near Lagoa Santa, Minas Gerais, Brazil, GS Myers, PM Ribeiro e Carvalho, **. 1942. MZUSP 18966, 6 ex., 43.7-51.6 mm SL, Pedra Ponte, Três Marias, Minas Gerais, Brazil, 23 Aug. 1978. MZUSP 28768, 11 ex., rio Grande, sítio Grande, near Barreiras, Barreiras, Bahia, Brazil, Y Sato, UHE project, 10 Feb. 1988. MZUSP 39151, 50 ex, 25.0-58.5 mm SL, Tapera stream, affluent of the São Francisco river, Minas Gerais, Brazil, Y Sato, UHE formoso project, 23 Nov. 1987. MZUSP 39224, 5 ex., Braço Grande stream, affluent of the São Francisco river near Ilha Grande, Y Sato, UHE Formoso project, 20 Jan. 1988. MZUSP 39263, 11 ex, 34.2-58.1 mm SL, Ilha Grande, Rio São Francisco, Y Sato, UHE project 06 to 09 Nov. 1987. MZUSP 39293, 9 ex., 31.4-60.5 mm SL, Cachoeira do Ladeiro, near Fazenda Limeira, Rio São Francisco, Y Sato, UHE project, 21 Jan. 1988. MZUSP 39306, 37 ex, 33.9-83.2 mm SL, Cedro Stream, affluent of the São Francisco river, Minas Gerais, Brazil, Y Sato, UHE project, 22-23 Jan. 1988. MZUSP 39324, 3 ex., 42.2-46.2 mm SL, Córrego dos Porcos, affluent of the São Francisco river, no municipality available, Minas Gerais, Brazil, Y Sato, UHE project, 23 Jan. 1988. MZUSP 39334, 8 ex, 21.9-46.6 mm SL, Ilha Rasa II, São Francisco river, without municipality available, Minas Gerais, Brazil, Y Sato, UHE project, 23 Jan. 1988. MZUSP 39340, 5 ex., 16.1-38.9 mm SL, Ilha dos Prazeres, São Francisco river, Minas Gerais, Brazil, Y Sato, UHE project, 23 Jan. 1988. MZUSP 39355, 5 ex, 20.5-55.2 mm SL, Rio Formoso, affluent of São Francisco river, no municipality available, Minas Gerais, Brazil, Y Sato,

UHE project, 24 Jan. 1988. MZUSP 39425, 6 ex., 29.4-47.6 mm SL, Rio Formoso, affluent of São Francisco, no municipality available, Minas Gerais, Brazil, Y Sato, UHE project, 8 Feb. 1988. MZUSP 39449, 10 ex, 45.1-74.3 mm SL, São Francisco river, Barra do Rio Formoso, Minas Gerais, Brazil, 13°35'00"S 45°25'00"W. MZUSP 39489, 5 ex., 38.3-48.9 mm SL, córrego Doce, bar with São Francisco river, no municipality available, Minas Gerais, Brazil, Y Sato project UHE, 09 Feb. 1988, MZUSP 39500, 4 ex, 19.8-50.2 mm SL, Marambaia stream, affluent of São Francisco river, municipality not available, Minas Gerais, Brazil, Y Sato, UHE project, 9 February 1988. MZUSP 39688, 6 ex., 74.5-81.9 mm SL, São Francisco river, Pontal do Abaeté, Minas Gerais, Brazil, Y Sato, UHE/Formoso project, 22 July 1988.

***Astyanax fischeri* (Steindachner, 1879). Syntypes.** ZMUC 991-992, 2 ex., 61.8-82.1 mm SL, Mamoni River, Panama, Legacy of the Museum of Wiena in 1880 (Steindachner).

***Astyanax fulgens* (Boucort, 1868). Syntypes.** MNHN 5194, 2 ex., 77.8-78.2 mm SL, Cuernovaca, México. **Non-types:** BMNH 1868.3.16-18, 3 ex., 76.9-82.5 mm SL, Balsa river.

***Astyanax hensili* (Hensel, 1870). Holotype.** ZMB 479, 78.0 mm SL, Porto Alegre, Dr. Hensel. **Non types** - MNRJ 14186, 15 ex., 64.5-28.9 mm SL, arroio do Carvalho, Vila do Carvalho, on the Santo Antônio da Patrulha - Vila Caraá road, Sinos river drainage, Santo Antônio da Patrulha, 29°45'S 50°25'W, LR Malabarba, PA Buckup, AR Cardoso, GMguazzelli, January 12, 1995. MNRJ 22174, 2 ex., 91.4-108.4 mm SL, arroio do Meio, tributary of the Taquari river, Arroio Grande, MA Majolo, 28 Nov. 1999. MNRJ 22214, 1, 70.2 mm SL, Forqueta River, tributary of the Taquari River, in the extension area of the Small Hydroelectric Power Plant (SHP) of Salto Forqueta, 29°4'37"S 52°12'59"W, MA Majolo, 9 May 2001. MNRJ 22231, 6 ex., 73.2-89.3 mm SL, river Forqueta, tributary of the river Taquari, in the extension area of the Small Hydroelectric Power Plant (PCH) of Salto Forqueta, 29°4'37"S 52°12'59"W, MA Majolo, 10 May 2001.

***Astyanax humilis* (Günther, 1864). Syntypes.** BMNH 1865.4.29.45-50, 5 ex., Guatemala, lago de Amatitlan. MNHN 5223, 2 ex., 72,1-86,5 mm SL, Arredores de Orizaba.

***Astyanax jequitinhonhae* (Steindachner, 1877). Syntypes.** NMW 57759, 5 ex. (MC), Jequitinhonha River. NMW 57760, 3 ex. (MC), same locality. MNRJ 11576, 11 ex., 58.0-79.1 mm SL, São Miguel river, a tributary of the Jequitinhonha river, near the Joaima mouth, Jequitinhonha, 16°35'00"S 41°01'00"W. MNRJ 22486, (7 ex. MC), Minas Gerais, São João Grande, São João stream, BR 116, between Pedra Paraíso and Porto dos Valentines 16°56'05"S 41°27'41"W, PA Buckup *et al.*. MNRJ 22493, Minas Gerais, Itaobim, Jequitinhonha river in itaobim, Santo Antônio district, 16°34'04.1"S 41°30'37.6"W. MNRJ 22505, (24 ex. MC), São Francisco river. MNRJ 22513, 100 ex., 58.40-72.00 mm SL, Pedra Azul, Minas Gerais, São Francisco river, a tributary of the Jequitinhonha river, about 3 km east of BR-116 (Águas Altas), 15°54'49.8"S 41°22'53"W. MNRJ 22522, Jequié, Bahia, rio de Contas, next to BR-116,

13°52'07.8"S 40°06'48.5"W, MZUSP 5129, 52 ex., 18.60-58.78 mm SL, Jequitinhonha River, Itaobim, Minas Gerais, 25, Jun. 1966. MZUSP 54883, 22 ex., 20.45 - 65.83 mm, Jequitinhonha river, Itaobim in São Pedro do Jequitinhonha, Minas Gerais, 16°31'00"S 41°20'00"W, RE Reis, Minas Gerais, Saul, EH Pereira and JFP da Silva, January 20, 1995. MZUSP 54878, 2 ex, 38.93-67.53 mm SL, São José river, a tributary of the Jequitinhonha river in the village of Ventania, along the road BR-101, 16° 00'00"S 39°32'30"W, Garavello, WG Saul and AS Santos, 23, Jan. 1995.

***Astyanax macrophthalmus* (Regan, 1908). Syntypes.** BMNH 1906.06.1.278, 5 ex., 53.93-88.72 mm SL, rio Tonto, Gadow. BMNH 1906.06.1.268, 5 ex., 49.15-82.25 mm SL, rio Tonto, Gadow. BMNH 1905.12.6:19-22, 5 ex. 54.46-68.85 mm SL, Motzorongo, Meek?. BMNH 1857.7.3.10, 2 ex. 78.95-110.33 mm SL, Mexico, Salle. BMNH 1906.06.01.269.77, 39.17, 1 ex. 70.08 mm SL, rio Tonto, col. Gadow. BMNH 1905.12.6.15-18, 4 ex., 50.45-60.18 mm SL, Motzorongo. BMNH 1906.6.1.259-68, Motzorongo, 21 ex., 43.06 - 67.74 mm SL.

***Astyanax mexicanus* (De Filippi, 1853). Non-types:** BMNH 1905.12.6.54-60, 5 ex. 46.12-70.87 mm SL, Victoria, Mexico. BMNH 1905.12.6.36-45, 13 ex. 27.91-66.26 mm SL, Rascon, Mexico. BMNH 1905.12.6.23-29, 4 ex., 42.47-69.32 mm SL, Yontepc, Mexico. BMNH 1905.12.6.47-51, 5 ex. 34.15-63.74 mm SL, Monterey, Mexico. BMNH 1905.12.6.30-35, 8 ex., 49.85-66.02 mm SL, Cheitla, Mexico. BMNH 1864. 01.12.178, 3 ex., 74.14-83.11 mm SL, Chisoy river, Vera Paz. BMNH 1905. 12. 06, 6 ex., 41.98-66.02 mm SL, Garza Valdez, Mexico. BMNH 1900. 09.29, 6 ex., 51.39-64.61 mm SL, Ixtla River, Mexico.

***Astyanax nitidus* (Boucort, 1868). Syntypes.** MNHN 5191, 3 ex. 68.5-81.4 mm SL, Cuerna Vaca, México.

***Astyanax obscurus* (Hensel, 1870). Syntypes.** ZMB 7478, 3x. Cadea River above large waterfall [Santa Maria do Herval], Rio Grande do Sul, southern Brazil.

***Astyanax oerstedii* (Kröyer, 1874). Syntypes.** ZMB ?, 2 ex., 42.1-45.5 mm SL, San Juan River, Central America, col Orster?. ZMUC 947-948, 2 ex., 47.0-53.9 mm SL, San Juan River, Orsted legacy, 18-20 Sep.1849. ZMUC 955-56, 2 ex., 33.4-35.1 mm SL, San Juan River, Oersted legacy. ZMH 9001, 4 ex., 52.3-61.6 mm SL, Laguna de Tisma, Nicaragua, legacy I. Fischer, March 23, 1991. **Non-types:** BMNH 1974.1.3:371-373, 3 ex., 45.0-52.2 mm SL, British Honduras, GR 377 658, purchased by P Maxwell, 10, Sep. 1973. BMNH 1974-1.3:286-291, 6 ex. 34.3-64.9 mm SL, British Honduras, purchased by P Maxwell. BMNH 1974-1.3:295-296, 2 ex., 47.7-64.2 mm SL, British Honduras, purchased by P. Maxwell. BMNH 1974-1.3:340-343, 4 ex., 41.8-82.1mm SL, Honduras, lagoon, purchased by P Maxwell, 4, Sep. 1973. BMNH 1986:01.08:7-15, 9 ex., 48.5-95.6mm SL, Honduras, Guaraska river, P Higgins, 23 Apr. 1985. BMNH 1986:01.08:26-30, 5 ex., 63.1-88.1 mm SL, Honduras, Rio Sico, P Higgins, 30 Apr. 1985. BMNH 1988: 1-08:16-21, 6 ex., 54.5-97.1 mm SL. Honduras, river Sico or Tonto in Sico, P Higgins, 24 Apr. 1985. BMNH 1986:1.08.1-6,

6 ex., 23.0-72.2 mm SL, Honduras, Panlaya River, P Higgins, 24 Apr. 1985. BMNH 1986:01-08:49-50, 2 ex., 82.7-76.2 mm, SL, Honduras, Cuyamel river, P Higgins. BMNH 1974-1.3: 344-345, 2 ex., 18.6-27.2 mm SL, British Honduras, purchased by P Maxwell, 4 Sep. 1973. BMNH 1986:01.08:7-15, 9 ex., 48.5-95.6 mm SL, Honduras, Guaraska River, P Higgins, 23 Abr. 1985. BMNH 1974.1.3.380-390, 11 ex., 42.9-68.6 mm SL, British Honduras, purchased by P Maxwell, 14 Sep. 1973. BMNH 1986.01-08:24-25, 2 exs., 50.7-91.7 mm SL, Honduras, Kimekisne River, P Higgins. BMNH 1986:01-03:36-39, 4 ex., 52.9-63.1 mm SL, Honduras, Zapotal River, P Higgins, 9 May 1985. BMNH 1986:01-03:53, 1 ex., 101.4 mm SL, Honduras, Palactos river, P Higgins, 18 Apr. 1985. BMNH 1986:01:08:51-52, 2 ex., 78.4-81.23 mm SL, Honduras, River Twlito, P Higgins. BMNH 1986:01-08:40-42, 3 ex., 52.9-59.0 mm SL, Honduras, Rio Anzuelo, P Higgins, 10 May 1985. BMNH 1986:01.08:31-32, 1 ex., 59.8 mm SL, Honduras, Guaraska River, P Higgins, 12 May 1985. BMNH 1986:01-03:22-23, 2 ex., 70.3-69.1 mm SL, Honduras, Panlaya river at Anzuelo rail, P Higgins. BMNH 1974-1.3:33-35, 3 ex., 64.7-73.2 mm SL, Honduras, Zapotal River, P Higgins, 8 May 1985. BMNH 1974.1.3:316-337, 2 ex., 44.5-60.8 mm SL, British Honduras, purchased by P Maxwell, 13 Sep. 1973.

***Astyanax panamensis* (Günther 1864). Syntypes.** BMNH 1864.1.26.415, 73.0 mm SL, Pacific coast of Panama. ZMB 6801, 2 ex. 74.7-84.1 mm SL, Panama, Pacific Ocean. BMNH 1862.2.6.17, 4 ex., 48.3-57.75 mm SL, Yzabal. BMNH 1909.3.13.27-29, 3 ex, 64.7-67.4 mm SL, Rio Grande de Tenaba.

***Astyanax parahybae* Eigenmann, 1908. Lectotype.** MCZ 20685, 100.8 mm SL, Paraíba do Sul River, between Barra do Pirai and Três Rios, Três Rios, Rio de Janeiro, Brazil, ** - Feb. 1870. **Non-types: Brazil. Rio de Janeiro: Paraíba do Sul River Basin.** MNRJ 16505, 84.6 mm SL, Cataia lagoon and channel that connects to Paraíba do Sul river, left bank, 3 Km before Vila Campo Novo, São Joãoda Barra, 21°41'00"S

41°08'00"W, DF Moraes Jr & JMR Aranha, 24 Jan. 1990. MNRJ 16651 3ex., 84.6-109.4 mm SL, Muriaé River (tributary left bank Paraíba do Sul River), near the intersection BR-356 with RJ-186, Itaperuna, 21°15'00"S 41°45'00"W, EP Caramaschi, DF Moraes Jr. *et al.* MNRJ 16654, 81.1 mm SL, Carangola River, tributary of the left bank of the Muriaé River (tributary of the left bank of the Paraíba do Sul river), under the BR-356 highway bridge, Itaperuna, 21°12'00"S 41°55'00" W, DF Moraes Jr., EP Caramaschi *et al.* MNRJ 16598, 88.1 mm SL, marginal lagoon (right bank of Paraíba do Sul river), near the town of Coronel Texeira, Itaocara, 21°42'00"S 42°07'00"W, EP Caramaschi, DA Halboth, M Vianna & FA Melo, 18 Dec. 1989. MNRJ 20871, 7 ex., 78.5-104.5 mm SL, Paraíba do Sul River, Três Rios, 22°07'26.3"S 43°13'14.7"W, Hassler Expedition (D Bourget).

***Astyanax rutilus* (Jenyns, 1842). Holotype.** BMNH 1917.7.14.14, 1 ex., 83.0 mm SL, Paraná River, Argentina col. Charles Darwin. **Non-types:** BMNH 78.5.16.68-75, 8 ex., 73.4-81.0 mm SL, La Plata, Buenos Aires, Argentina. MLP 0898, 2 ex., 85.5-88.0 mm SL, Brazo Sauce Delta. MLP 0912, 3 ex., 77.6-80.9 mm SL, Zapata Delta. MLP 2849, 98.3 mm SL, Arroio El Pescado, I. Correas. MLP 3028, 2 ex, 79.2-51.1 mm SL, Rio de la Plata, Argentina. MLP 5381, 1 ex., 92.8 mm SL, Palo Blanco, Buenos Aires, Argentina. MLP 6802, 1 ex., Rosário, Santa Fé. MLP 7746, 3 ex., 29.4-39.9 mm SL, Paraná Delta. MLP 7612, 2 ex., 71.2-71.5 mm SL, Rosario, Santa Fe, Argentina. MLP 7845, 10 ex., 34.7-43.8 mm SL, Madrejón El Negro, Santa Fé, Argentina. MLP 9151, 3ex., 72.4-83.5 mm SL, Brazo Sauce, Delta, Buenos Aires, MARD 5333, 1 ex., 77.1 mm SL. MARD 8605, 4 ex., 41.9-48.5 mm SL. MARD 7673, 3 ex., 32.7-34.1 mm SL, MARD 6414, 10 ex., 45.8-58.1 mm SL. Argentina. ZMB 8239, 1 ex, 88.0, Paraná.

***Astyanax viejita* (Cuvier & Valenciennes, 1849). Syntypes.** MNHN A.9820, 2 ex., 92.2-112.2 mm SL, Lake Maracaibo, Venezuela, Pleé.

