

Table S1 Samples used for the morphological analysis

| Species | Catalogue no. | Locality | Depth (m) | Type | Sex | Standard length (mm) | Body depth (mm) | Head length (mm) | Caudal-pectuncle length (mm) | Caudal-pectuncle depth (mm) | Dorsal-fin-base length (mm) | Anal-fin-base length (mm) | Pectoral-fin length (mm) | Pelvic-fin length (mm) | Shortest caudal-fin-ray length (mm) | Longest caudal-fin-ray length (mm) | Head width (mm) | Snout length (mm) | Eye length (mm) | Interorbital width (mm) | Lower-jaw length (mm) | Upper-jaw protrusion (mm) | Length of LPJ (mm) | Width of LPJ (mm) | Length of dentigerous area on LPJ (mm) | Width of dentigerous area on LPJ (mm) | Dorsal-fin spines | Dorsal-fin soft rays | Anal-fin spines | Anal-fin soft rays | Pectoral-fin soft rays | Scales in longitudinal line | Scales on upper lateral line | Scales on lower lateral line | Scale rows between lateral lines | Gill rakers on first ceratobranchial |
|----------------------------------|--------------------|--|-----------|----------|--------|----------------------|-----------------|------------------|------------------------------|-----------------------------|-----------------------------|---------------------------|--------------------------|------------------------|-------------------------------------|------------------------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|---------------------------|--------------------|-------------------|--|---------------------------------------|-------------------|----------------------|-----------------|--------------------|------------------------|-----------------------------|------------------------------|------------------------------|----------------------------------|--------------------------------------|
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-01 | Kasenga, Zambia | 13 | Holotype | Female | 137.6 | 59.5 | 47.4 | 20.3 | 18.1 | 83.2 | 22.8 | 46.2 | 46.7 | 29.8 | 40.9 | 24.9 | 21.0 | 13.1 | 18.1 | 14.7 | 0.3 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 34 | 24 | 14 | 2 | 11 |
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-02 | Kasenga, Zambia | 13 | Paratype | Female | 85.0 | 37.1 | 28.3 | 12.5 | 12.7 | 53.3 | 16.2 | 30.2 | 31.3 | 19.9 | 24.4 | 15.4 | 11.4 | 8.3 | 10.7 | 8.0 | 1.1 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 25 | 14 | 2 | 12 |
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-03 | Kasenga, Zambia | 13 | Paratype | Female | 105.7 | 47.7 | 35.6 | 16.0 | 14.8 | 67.1 | 19.3 | 39.2 | 43.8 | 26.1 | 34.1 | 20.4 | 15.0 | 10.2 | 13.9 | 10.5 | 0.7 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 23 | 10 | 2 | 12 |
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-04 | Kasenga, Zambia | 13 | Paratype | Male | 100.7 | 44.7 | 33.8 | 14.7 | 14.0 | 62.6 | 17.8 | 36.3 | 42.6 | 24.0 | 29.8 | 18.6 | 13.8 | 9.9 | 13.6 | 8.8 | 1.4 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 23 | 14 | 2 | 12 |
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-05 | Kasenga, Zambia | 15 | Paratype | Female | 128.3 | 53.5 | 42.2 | 19.9 | 16.6 | 80.3 | 23.4 | 45.0 | 51.5 | 29.6 | 40.6 | 23.0 | 17.2 | 11.7 | 15.6 | 14.0 | 1.1 | 14.83 | 12.63 | 6.80 | 10.13 | 18 | 10 | 3 | 7 | 15 | 35 | 25 | 15 | 2 | 11 |
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-06 | Kasenga, Zambia | 14 | Paratype | Female | 116.6 | 51.7 | 39.0 | 17.2 | 16.0 | 75.5 | 22.2 | 38.9 | 42.7 | 26.0 | 34.4 | 22.2 | 16.2 | 10.5 | 15.0 | 12.0 | 1.2 | — | — | — | — | 19 | 9 | 3 | 8 | 16 | 34 | 24 | 16 | 2 | 13 |
| <i>Petrochromis horii</i> n. sp. | MRAC B3-03-P-07 | Kasenga, Zambia | 14 | Paratype | Female | 100.4 | 45.7 | 31.7 | 15.5 | 13.5 | 64.1 | 20.0 | 33.9 | 39.5 | 23.6 | 30.7 | 19.3 | 12.8 | 9.1 | 12.2 | 9.1 | 1.3 | — | — | — | — | 19 | 9 | 3 | 8 | 15 | 34 | 24 | 14 | 2 | 12 |
| <i>Petrochromis horii</i> n. sp. | BMNH 2013.2.13.1 | Kasenga, Zambia | 14 | Paratype | Male | 104.4 | 44.5 | 33.6 | 15.0 | 14.1 | 66.5 | 19.4 | 35.5 | 43.0 | 24.6 | 32.1 | 20.1 | 13.8 | 9.6 | 12.7 | 9.4 | 1.3 | — | — | — | — | 19 | 9 | 3 | 8 | 16 | 34 | 24 | 13 | 2 | 12 |
| <i>Petrochromis horii</i> n. sp. | BMNH 2013.2.13.2 | Kasenga, Zambia | 14 | Paratype | Male | 100.1 | 42.3 | 31.6 | 14.6 | 13.0 | 62.4 | 18.7 | 34.6 | 39.7 | 24.4 | 30.2 | 18.5 | 13.3 | 9.0 | 12.2 | 8.2 | 1.1 | — | — | — | — | 19 | 10 | 3 | 8 | 16 | 34 | 24 | 14 | 2 | 11 |
| <i>Petrochromis horii</i> n. sp. | BMNH 2013.2.13.3 | Kasenga, Zambia | 14 | Paratype | Female | 130.3 | 53.4 | 41.6 | 20.2 | 16.6 | 81.6 | 24.4 | 40.0 | 47.8 | 27.4 | 35.5 | 24.0 | 18.0 | 11.2 | 16.8 | 12.0 | 0.4 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 24 | 14 | 2 | 11 |
| <i>Petrochromis horii</i> n. sp. | BMNH 2013.2.13.4 | Kasenga, Zambia | 14 | Paratype | Male | 89.1 | 38.1 | 28.2 | 14.0 | 12.1 | 56.8 | 16.1 | 31.2 | 30.7 | 21.5 | 26.0 | 16.6 | 11.7 | 8.5 | 10.7 | 8.1 | 1.3 | — | — | — | — | 19 | 9 | 3 | 8 | 16 | 35 | 26 | 14 | 2 | 11 |
| <i>Petrochromis horii</i> n. sp. | BMNH 2013.2.13.5 | Kasenga, Zambia | 14 | Paratype | Female | 105.7 | 46.0 | 34.0 | 16.6 | 14.0 | 65.2 | 18.5 | 33.2 | 41.2 | 24.6 | 30.2 | 19.8 | 14.4 | 10.0 | 12.9 | 9.0 | 0.8 | — | — | — | — | 19 | 10 | 3 | 7 | 16 | 35 | 24 | 13 | 2 | 12 |
| <i>Petrochromis famula</i> | BMNH 1950.4.1:7636 | Lake Tanganyika | — | Holotype | Male | 122.2 | 50.8 | 40.6 | 16.3 | 14.3 | 78.4 | 23.5 | 42.8 | 42.2 | 25.7 | 27.7 | 21.7 | 17.5 | 10.5 | 15.3 | 12.5 | 0.5 | — | — | — | — | 18 | 10 | 3 | 8 | 14 | 32 | 22 | 10 | 2 | 12 |
| <i>Petrochromis famula</i> | BMNH 1950.4.1:7640 | Lake Tanganyika | — | Paratype | Male | 115.7 | 47.8 | 39.6 | 15.3 | 14.9 | 74.0 | 22.5 | 44.3 | 39.3 | 25.0 | 27.2 | 19.3 | 17.8 | 9.9 | 14.3 | 11.6 | 1.0 | — | — | — | — | 18 | 9 | 3 | 8 | 16 | 33 | 22 | 13 | 2 | 12 |
| <i>Petrochromis famula</i> | BMNH 1950.4.1:7641 | Lake Tanganyika | — | Paratype | Male | 121.1 | 49.2 | 42.3 | 16.3 | 15.1 | 76.2 | 24.5 | 42.8 | 35.0 | 26.7 | 29.0 | 20.7 | 18.4 | 9.4 | 14.1 | 13.3 | 1.3 | — | — | — | — | 18 | 10 | 3 | 9 | 15 | 33 | 23 | 12 | 2 | 11 |
| <i>Petrochromis famula</i> | MRAC 131113 | Kabimba, D. R. Congo | — | Non-type | Male | 115.7 | 50.1 | 38.9 | 17.7 | 14.7 | 70.2 | 20.1 | 41.6 | 48.4 | 25.8 | 27.5 | 22.1 | 18.0 | 9.5 | 14.2 | 12.1 | 0.6 | — | — | — | — | 18 | 9 | 3 | 8 | 16 | 32 | 22 | 11 | 2 | 11 |
| <i>Petrochromis famula</i> | MRAC 131114 | Kabimba, D. R. Congo | — | Non-type | Male | 111.6 | 48.2 | 38.2 | 16.5 | 13.1 | 69.5 | 22.1 | 41.3 | 38.0 | 25.0 | 26.3 | 21.4 | 16.9 | 9.8 | 13.6 | 11.3 | 1.1 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 31 | 22 | 9 | 2 | 12 |
| <i>Petrochromis famula</i> | MRAC 131115 | Kabimba, D. R. Congo | — | Non-type | Male | 102.0 | 41.9 | 32.5 | 14.1 | 12.1 | 62.9 | 18.8 | 35.5 | 35.6 | 22.0 | 23.5 | 18.8 | 13.7 | 8.0 | 11.7 | 9.5 | 0.3 | — | — | — | — | 18 | 10 | 3 | 8 | 15 | 32 | 23 | 12 | 2 | 11 |
| <i>Petrochromis famula</i> | HUMZ 116502 | Pemba, D. R. Congo | — | Non-type | Female | 90.8 | 40.9 | 33.0 | 11.0 | 11.5 | 55.2 | 16.9 | 33.5 | 30.3 | 21.4 | 22.6 | 17.4 | 14.1 | 8.9 | 11.6 | 9.7 | 0.8 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 31 | 22 | 9 | 2 | 12 |
| <i>Petrochromis famula</i> | HUMZ 118085 | Pemba, D. R. Congo | — | Non-type | Female | 95.7 | 39.5 | 33.0 | 11.0 | 11.0 | 57.8 | 16.6 | 32.9 | 29.5 | 21.5 | 22.7 | 17.5 | 13.3 | 8.8 | 11.9 | 10.3 | 0.3 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 23 | 10 | 2 | 12 |
| <i>Petrochromis famula</i> | HUMZ 127712 | Muzimu, D. R. Congo | 5 | Non-type | Male | 97.6 | 39.5 | 32.3 | 12.5 | 11.5 | 59.7 | 18.3 | 33.7 | 38.5 | 22.8 | 24.5 | 17.4 | 14.1 | 8.4 | 11.3 | 8.3 | 0.8 | — | — | — | — | 19 | 9 | 3 | 8 | 16 | 32 | 23 | 11 | 2 | 12 |
| <i>Petrochromis famula</i> | HUMZ 127713 | Muzimu, D. R. Congo | 5 | Non-type | Female | 84.7 | 37.7 | 30.2 | 9.7 | 10.5 | 52.1 | 14.8 | 33.3 | 26.6 | 20.8 | 21.5 | 16.2 | 13.3 | 8.5 | 10.3 | 8.1 | 1.0 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 23 | 10 | 2 | 12 |
| <i>Petrochromis famula</i> | Zm 465-a | Kasenga, Zambia | 1.5-2 | Non-type | Female | 94.6 | 41.3 | 32.9 | 13.3 | 12.3 | 59.7 | 16.7 | 32.5 | 31.4 | 21.5 | 22.6 | 16.9 | 14.0 | 8.2 | 11.1 | 9.3 | 0.6 | — | — | — | — | 19 | 8 | 3 | 7 | 15 | 33 | 24 | 12 | 2 | 14 |
| <i>Petrochromis famula</i> | Zm 465-b | Kasenga, Zambia | 1.5-2 | Non-type | Female | 90.1 | 40.0 | 31.5 | 12.2 | 12.2 | 55.1 | 15.9 | 31.7 | 28.1 | 20.5 | 22.0 | 16.7 | 13.0 | 8.5 | 10.6 | 9.6 | 0.3 | — | — | — | — | 18 | 8 | 3 | 7 | 15 | 32 | 24 | 11 | 2 | 12 |
| <i>Petrochromis famula</i> | Zm 483-a | Kasenga, Zambia | 1.5 | Non-type | Male | 101.1 | 45.2 | 34.6 | 13.7 | 13.5 | 65.1 | 19.8 | 34.4 | 37.5 | 23.8 | 26.3 | 18.0 | 15.6 | 8.2 | 12.1 | 9.5 | 1.0 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 22 | 12 | 2 | 11 |
| <i>Petrochromis famula</i> | Zm 483-b | Kasenga, Zambia | 1.5 | Non-type | Male | 99.0 | 41.8 | 33.7 | 14.8 | 13.3 | 61.6 | 18.2 | 29.8 | 29.3 | 21.5 | 23.4 | 17.4 | 14.5 | 8.1 | 11.5 | 9.6 | 0.5 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 23 | 12 | 2 | 12 |
| <i>Petrochromis famula</i> | Zm 483-c | Kasenga, Zambia | 1.5 | Non-type | Female | 95.1 | 40.6 | 33.3 | 12.7 | 12.2 | 58.1 | 16.9 | 32.3 | 31.1 | 21.9 | 25.0 | 17.3 | 14.3 | 8.5 | 11.6 | 9.4 | 0.8 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 22 | 12 | 2 | 12 |
| <i>Petrochromis famula</i> | Zm 483-d | Kasenga, Zambia | 1.5 | Non-type | Female | 92.9 | 41.1 | 32.6 | 13.0 | 12.2 | 57.8 | 16.8 | 33.1 | 29.3 | 19.9 | 21.8 | 17.3 | 14.5 | 8.2 | 11.3 | 9.2 | 0.4 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 22 | 12 | 2 | 13 |
| <i>Petrochromis famula</i> | Zm 869-a | Kasenga, Zambia | 3-4 | Non-type | Male | 121.1 | 53.7 | 41.5 | 17.1 | 16.6 | 78.5 | 23.0 | 44.6 | 46.6 | 27.2 | 30.8 | 21.6 | 18.7 | 9.5 | 15.6 | 12.5 | 1.1 | — | — | — | — | 18 | 10 | 3 | 8 | 15 | 33 | 22 | 12 | 2 | 12 |
| <i>Petrochromis famula</i> | Zm 869-b | Kasenga, Zambia | 3-4 | Non-type | Female | 108.2 | 48.1 | 37.7 | 16.5 | 14.1 | 68.3 | 20.5 | 36.3 | 32.7 | — | — | 19.7 | 16.7 | 10.0 | 13.2 | 11.8 | 1.1 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 22 | 10 | 2 | 11 |
| <i>Petrochromis famula</i> | Zm 93792-d | Kasenga, Zambia | 1-3 | Non-type | Male | 126.3 | 53.7 | 45.8 | 17.1 | 16.1 | 79.0 | 22.4 | 44.8 | 47.6 | 30.0 | 32.0 | 23.6 | 21.1 | 10.5 | 16.0 | 14.0 | 1.5 | — | — | — | — | 18 | 9 | 3 | 8 | 15 | 32 | 22 | 13 | 2 | 12 |
| <i>Petrochromis famula</i> | Zm 93792-e | Kasenga, Zambia | 1-3 | Non-type | Male | 133.0 | 55.6 | 43.2 | 16.3 | 16.1 | 84.6 | 24.8 | 46.6 | 47.0 | 28.6 | 32.7 | 24.0 | 19.2 | 10.0 | 16.5 | 13.1 | 1.0 | — | — | — | — | 18 | 10 | 3 | 8 | 15 | 33 | 24 | 10 | 2 | 12 |
| <i>Petrochromis fasciolatus</i> | MRAC 10.749 | devant Kapamba, D. R. Congo | — | Syntype | Female | 85.3 | 30.3 | 26.7 | 14.2 | 9.6 | 51.4 | 14.6 | 27.7 | 24.0 | 18.3 | — | 14.9 | 9.7 | 8.5 | 9.6 | 10.0 | -0.8 | — | — | — | — | 19 | 8 | 3 | 7 | 16 | 33 | 23 | 10 | 2 | 13 |
| <i>Petrochromis fasciolatus</i> | MRAC 10.750 | devant Kapamba, D. R. Congo | — | Syntype | Female | 77.6 | 29.6 | 25.3 | 12.0 | 9.2 | 46.1 | 14.2 | 25.8 | 22.5 | 16.8 | 19.0 | 13.7 | 8.9 | 8.0 | 8.7 | 8.7 | -0.8 | — | — | — | — | 19 | 9 | 3 | 8 | 15 | 33 | 24 | 13 | 2 | — |
| <i>Petrochromis fasciolatus</i> | MRAC 11.695 | baie de Kilewa, devant la Sambala, D. R. Congo | — | Syntype | Female | 92.0 | 31.8 | 29.4 | 14.5 | 10.4 | 52.6 | 16.7 | 28.8 | 23.5 | 18.5 | 20.7 | 15.6 | 10.7 | 8.6 | 9.5 | 9.6 | -0.9 | — | — | — | — | 19 | 9 | 3 | 8 | 16 | 34 | 24 | 14 | 2 | 13 |
| <i>Petrochromis fasciolatus</i> | MRAC 11.696 | baie de Kilewa, devant la Sambala, D. R. Congo | — | Syntype | Female | 95.2 | 34.1 | 30.2 | 14.9 | 11.1 | 55.1 | 16.9 | 29.5 | 25.5 | 18.5 | 21.0 | 16.1 | 11.5 | 9.2 | 10.4 | 10.0 | -1.7 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 23 | 12 | 2 | 11 |
| <i>Petrochromis fasciolatus</i> | MRAC 106550 | Albertville, D. R. Congo | — | Non-type | Female | 99.1 | 38.5 | 32.1 | 15.8 | 11.5 | 59.8 | 17.5 | 32.4 | 27.4 | 20.3 | 23.2 | 18.2 | 12.1 | 9.3 | 11.2 | 11.6 | -0.6 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 24 | 13 | 2 | 13 |
| <i>Petrochromis fasciolatus</i> | MRAC 106551 | Albertville, D. R. Congo | — | Non-type | Female | 85.5 | 33.1 | 28.1 | 12.8 | 9.8 | 51.8 | 15.3 | 28.7 | 24.9 | 19.3 | 22.5 | 15.6 | 10.5 | 8.5 | 9.1 | 9.2 | -0.6 | — | — | — | — | 18 | 10 | 3 | 8 | 16 | 34 | 25 | 15 | 2 | 11 |
| <i>Petrochromis fasciolatus</i> | MRAC 106552 | Albertville, D. R. Congo | — | Non-type | Male | 101.3 | 39.3 | 32.2 | 15.9 | 11.2 | 60.2 | 16.3 | 32.8 | — | 20.9 | 24.1 | 18.3 | 12 | | | | | | | | | | | | | | | | | | |

Table S1 (Continued)

| Species | Catalogue no. | Locality | Depth (m) | Type | Sex | Standard length (mm) | Body depth (mm) | Head length (mm) | Caudal-pectuncle length (mm) | Caudal-pectuncle depth (mm) | Dorsal-fin-base length (mm) | Anal-fin-base length (mm) | Pectoral-fin length (mm) | Pelvic-fin length (mm) | Shortest caudal-fin-ray length (mm) | Longest caudal-fin-ray length (mm) | Head width (mm) | Snout length (mm) | Eye length (mm) | Interorbital width (mm) | Lower-jaw length (mm) | Upper-jaw protrusion (mm) | Length of LPJ (mm) | Width of LPJ (mm) | Length of dentigerous area on LPJ (mm) | Width of dentigerous area on LPJ (mm) | Dorsal-fin spines | Dorsal-fin soft rays | Anal-fin spines | Anal-fin soft rays | Pectoral-fin soft rays | Scales in longitudinal line | Scales on upper lateral line | Scales on lower lateral line | Scale rows between lateral lines | Gill rakers on first ceratobranchial |
|--|-----------------|--|-----------|----------|--------|----------------------|-----------------|------------------|------------------------------|-----------------------------|-----------------------------|---------------------------|--------------------------|------------------------|-------------------------------------|------------------------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|---------------------------|--------------------|-------------------|--|---------------------------------------|-------------------|----------------------|-----------------|--------------------|------------------------|-----------------------------|------------------------------|------------------------------|----------------------------------|--------------------------------------|
| <i>Petrochromis macrognathus</i> | Zm 284-c | Kasenga, Zambia | 2 | Non-type | Female | 87.1 | 31.2 | 30.2 | 14.0 | 11.8 | 50.3 | 17.1 | 21.2 | 22.6 | 20.1 | 23.0 | 14.3 | 12.7 | 8.0 | 8.7 | 6.5 | 4.0 | — | — | — | — | 18 | 12 | 3 | 8 | 17 | 36 | 26 | 15 | 2 | 11 |
| <i>Petrochromis macrognathus</i> | Zm 02170 | Kasenga, Zambia | — | Non-type | Male | 95.1 | 34.0 | 32.7 | 14.0 | 12.5 | 56.1 | 18.3 | 22.9 | 25.8 | 21.7 | 25.3 | 16.0 | 14.2 | 8.0 | 9.5 | 7.4 | 4.0 | — | — | — | — | 18 | 11 | 3 | 9 | 17 | 36 | 25 | 15 | 2 | 11 |
| <i>Petrochromis macrognathus</i> | Zm 02573 | Kasenga, Zambia | — | Non-type | Male | 118.9 | 45.1 | 38.0 | 17.5 | 16.7 | 70.9 | 22.8 | 30.5 | 35.7 | 27.4 | 32.7 | 22.4 | 16.2 | 9.5 | 12.9 | 10.7 | 3.7 | — | — | — | — | 18 | 11 | 3 | 8 | 17 | 35 | 25 | 14 | 2 | 11 |
| <i>Petrochromis macrognathus</i> | Zm 02574 | Kasenga, Zambia | — | Non-type | Male | 96.7 | 35.1 | 32.7 | 14.1 | 13.4 | 57.6 | 20.9 | 23.8 | 27.2 | 22.9 | 25.5 | 17.2 | 15.1 | 7.8 | 10.9 | 7.6 | 3.9 | — | — | — | — | 18 | 12 | 3 | 9 | 16 | 35 | 24 | 14 | 2 | 12 |
| <i>Petrochromis macrognathus</i> | Zm 02578 | Kasenga, Zambia | — | Non-type | Female | 110.9 | 40.5 | 37.1 | 17.1 | 14.7 | 65.7 | 23.1 | 28.2 | 27.4 | 25.7 | 29.6 | 19.2 | 16.7 | 8.8 | 12.4 | 9.9 | 3.5 | — | — | — | — | 18 | 11 | 3 | 8 | 16 | 35 | 26 | 14 | 2 | 12 |
| <i>Petrochromis macrognathus</i> | Zm 02579 | Kasenga, Zambia | — | Non-type | Female | 120.1 | 43.6 | 39.0 | 19.0 | 16.5 | 72.4 | 24.0 | 31.7 | 34.9 | 27.5 | 31.3 | 21.2 | 17.4 | 9.7 | 13.2 | 10.4 | 2.5 | — | — | — | — | 18 | 11 | 3 | 8 | 16 | 36 | 25 | 15 | 2 | 11 |
| <i>Petrochromis macrognathus</i> | Zm 03532 | Kasenga, Zambia | — | Non-type | Male | 110.2 | 39.2 | 36.3 | 17.3 | 14.6 | 62.8 | 21.5 | 29.7 | 31.8 | 25.1 | 28.5 | 19.1 | 15.8 | 8.8 | 11.3 | 8.6 | 4.7 | — | — | — | — | 18 | 11 | 3 | 9 | 16 | 36 | 25 | 13 | 2 | 11 |
| <i>Petrochromis macrognathus</i> | Zm 0127 | Kasenga, Zambia | — | Non-type | Male | 93.2 | 35.8 | 31.0 | 13.9 | 13.3 | 54.8 | 17.2 | 25.6 | 30.2 | 22.8 | 25.7 | 16.4 | 13.3 | 8.1 | 10.2 | 8.5 | 2.9 | — | — | — | — | 17 | 12 | 3 | 8 | 17 | 36 | 25 | 16 | 2 | 11 |
| <i>Petrochromis macrognathus</i> | Zm 0323 | Kasenga, Zambia | — | Non-type | Female | 117.5 | 47.0 | 39.6 | 19.0 | 16.0 | 70.7 | 22.7 | 34.0 | 37.1 | 29.9 | 34.9 | 21.2 | 19.0 | 9.2 | 12.5 | 10.2 | 3.9 | — | — | — | — | 18 | 12 | 3 | 9 | 17 | 36 | 25 | 17 | 2 | 12 |
| <i>Petrochromis macrognathus</i> | HUMZ 122890 | Cape Kanchese, Sumbu, Zambia | — | Non-type | Female | 127.8 | 45.8 | 42.8 | 18.7 | 16.5 | 73.4 | 23.8 | 36.0 | 44.0 | 31.5 | 35.7 | 21.1 | 20.5 | 11.1 | 13.4 | 11.6 | 3.5 | — | — | — | — | 18 | 11 | 3 | 9 | 16 | 36 | 25 | 15 | 2 | 12 |
| <i>Petrochromis macrognathus</i> | HUMZ 122901 | Cape Kanchese, Sumbu, Zambia | — | Non-type | Male | 178.7 | 65.7 | 61.9 | 26.9 | 22.5 | 103.5 | 35.7 | 50.6 | 63.1 | 41.1 | 49.8 | 30.2 | 30.0 | 13.2 | 18.0 | 14.5 | 6.1 | — | — | — | — | 18 | 11 | 3 | 10 | 17 | 36 | 24 | 17 | 2 | 12 |
| <i>Petrochromis macrognathus</i> | HUMZ 138694 | Kahoma (?), D. R. Congo | — | Non-type | Male | 147.7 | 52.9 | 49.5 | 26.6 | 18.0 | 83.4 | 25.5 | 39.2 | 49.7 | 31.3 | 39.5 | 25.1 | 22.0 | 11.5 | 16.2 | 12.2 | 5.4 | — | — | — | — | 18 | 11 | 3 | 8 | 16 | 36 | 25 | 17 | 2 | 14 |
| <i>Petrochromis orthognathus</i> | MRAC 125.150 | Bemba, km 155 route Uvira-Baraka, D. R. Congo | 2-5 | Holotype | Male | 131.7 | 52.2 | 41.4 | 19.7 | 14.8 | 82.5 | 23.0 | 44.7 | 45.6 | 27.3 | 32.1 | 23.9 | 18.7 | 10.5 | 14.1 | 11.4 | 0.7 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 32 | 23 | 12 | 2 | 14 |
| <i>Petrochromis orthognathus</i> | MRAC 125180 | Entre Albertville et le camp Jacques, D. R. Congo | — | Non-type | Male | 150.5 | 54.9 | 46.6 | 22.9 | 17.3 | 90.2 | 25.6 | 49.6 | 55.7 | 31.5 | 35.1 | 25.5 | 20.0 | 13.1 | 15.8 | 14.0 | 0.3 | — | — | — | — | 18 | 10 | 3 | 7 | 15 | 31 | 22 | 11 | 2 | 14 |
| <i>Petrochromis orthognathus</i> | HUMZ 116553 | Pemba, D. R. Congo | — | Non-type | Male | 99.3 | 40.6 | 32.6 | 13.5 | 12.0 | 63.3 | 16.8 | 38.2 | 36.2 | 24.3 | 25.6 | 18.6 | 13.1 | 9.5 | 11.1 | 9.5 | 0.5 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 32 | 23 | 9 | 2 | 12 |
| <i>Petrochromis orthognathus</i> | HUMZ 116674 | Pemba, D. R. Congo | — | Non-type | Female | 129.9 | 51.2 | 41.7 | 18.0 | 14.7 | 77.0 | 20.6 | 39.4 | 39.5 | 26.7 | 30.5 | 22.5 | 18.0 | 11.9 | 15.3 | 12.8 | 0.7 | — | — | — | — | 18 | 9 | 3 | 7 | 14 | 33 | 23 | 11 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 118079 | Pemba, D. R. Congo | — | Non-type | Female | 92.7 | 37.7 | 29.2 | 13.6 | 10.7 | 59.4 | 15.0 | 32.7 | 29.9 | 21.0 | 23.0 | 16.5 | 11.9 | 8.2 | 9.8 | 8.4 | 0.4 | — | — | — | — | 19 | 10 | 3 | 7 | 15 | 33 | 24 | 11 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 118086 | Pemba, D. R. Congo | — | Non-type | Female | 107.1 | 42.1 | 34.5 | 15.8 | 12.2 | 66.0 | 18.5 | 36.9 | 34.4 | 22.5 | 25.1 | 18.6 | 14.8 | 9.6 | 11.6 | 9.8 | 0.7 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 33 | 23 | 11 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 127387 | Gitaza, Burundi | 12 | Non-type | Female | 108.5 | 44.2 | 35.2 | 15.5 | 12.3 | 64.9 | 17.2 | 35.9 | 32.9 | 23.8 | 25.9 | 19.3 | 15.7 | 10.0 | 12.5 | 10.0 | 0.4 | — | — | — | — | 19 | 8 | 3 | 7 | 15 | 32 | 24 | 10 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 127388 | Gitaza, Burundi | 12 | Non-type | Male | 123.9 | 49.8 | 39.4 | 19.3 | 14.6 | 77.9 | 21.4 | 42.3 | 46.6 | 26.0 | 29.5 | 23.1 | 16.3 | 11.0 | 14.3 | 11.8 | 0.8 | — | — | — | — | 18 | 9 | 3 | 7 | 15 | 31 | 21 | 10 | 2 | 14 |
| <i>Petrochromis orthognathus</i> | HUMZ 127390 | Gitaza, Burundi | 12 | Non-type | Female | 101.1 | 42.0 | 32.6 | 14.7 | 12.5 | 60.8 | 16.9 | 32.6 | 30.0 | 22.2 | 23.4 | 17.5 | 13.1 | 9.4 | 11.1 | 8.7 | 0.7 | — | — | — | — | 19 | 8 | 3 | 7 | 14 | 32 | 22 | 11 | 2 | 11 |
| <i>Petrochromis orthognathus</i> | HUMZ 127423 | Moguruka near Nyanza, Burundi | — | Non-type | Female | 99.8 | 38.0 | 32.9 | 14.4 | 11.4 | 60.5 | 17.6 | 35.6 | 29.2 | 21.6 | 23.5 | 17.7 | 13.0 | 10.0 | 10.6 | 10.2 | 0.5 | — | — | — | — | 18 | 10 | 3 | 7 | 16 | 32 | 23 | 11 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 127426 | Moguruka near Nyanza, Burundi | — | Non-type | Male | 109.9 | 41.5 | 33.6 | 15.0 | 12.9 | 69.2 | 19.8 | 38.1 | 35.1 | 27.1 | 28.3 | 19.2 | 14.5 | 10.1 | 11.5 | 9.1 | 0.9 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 33 | 23 | 11 | 2 | 14 |
| <i>Petrochromis orthognathus</i> | HUMZ 127427 | Moguruka near Nyanza, Burundi | — | Non-type | Male | 130.4 | 49.2 | 39.8 | 19.3 | 15.0 | 81.8 | 24.1 | 42.6 | 39.5 | 28.6 | 31.4 | 22.8 | 16.7 | 11.6 | 14.3 | 12.1 | 0.4 | — | — | — | — | 18 | 9 | 3 | 7 | 15 | 32 | 23 | 11 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 127510 | Moguruka near Nyanza, Burundi | — | Non-type | Male | 134.9 | 50.5 | 41.4 | 19.6 | 15.3 | 83.3 | 22.6 | 44.7 | 57.9 | 29.0 | 32.4 | 23.0 | 17.2 | 12.2 | 14.5 | 11.8 | 1.0 | — | — | — | — | 18 | 9 | 3 | 7 | 16 | 32 | 23 | 11 | 2 | 11 |
| <i>Petrochromis orthognathus</i> | HUMZ 127511 | Moguruka near Nyanza, Burundi | — | Non-type | Male | 97.2 | 36.9 | 30.2 | 14.1 | 11.8 | 61.6 | 17.3 | 30.2 | 33.9 | 21.5 | 23.4 | 17.0 | 12.1 | 9.3 | 10.4 | 8.7 | 0.6 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 32 | 24 | 10 | 2 | 12 |
| <i>Petrochromis orthognathus</i> | HUMZ 127697 | Muzimu, D. R. Congo | 4-5 | Non-type | Female | 116.0 | 43.0 | 39.1 | 18.0 | 12.9 | 67.8 | 18.6 | 40.5 | 36.4 | 24.9 | — | 19.7 | 14.8 | 11.5 | 12.0 | 9.8 | — | — | — | — | — | 18 | 9 | 3 | 7 | 15 | 32 | 23 | 9 | 2 | 11 |
| <i>Petrochromis orthognathus</i> | HUMZ 127699 | Muzimu, D. R. Congo | 4-5 | Non-type | Female | 92.6 | 37.5 | 29.5 | 13.1 | 11.4 | 59.1 | 15.4 | 34.0 | 30.0 | 21.1 | 23.5 | 17.5 | 11.7 | 9.6 | 10.3 | 9.4 | 0.5 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 32 | 25 | 11 | 2 | 13 |
| <i>Petrochromis orthognathus</i> | HUMZ 127714 | Muzimu, D. R. Congo | 4-5 | Non-type | Male | 105.9 | 43.6 | 33.7 | 14.6 | 12.9 | 68.6 | 17.4 | 38.8 | 42.6 | 24.3 | 27.4 | 19.0 | 13.9 | 9.7 | 12.0 | 10.5 | 0.8 | — | — | — | — | 19 | 8 | 3 | 7 | 15 | 32 | 23 | 11 | 2 | 12 |
| <i>Petrochromis orthognathus</i> | HUMZ 127719 | Muzimu, D. R. Congo | 4-5 | Non-type | Male | 124.0 | 48.2 | 38.2 | 19.1 | 14.3 | 81.2 | 19.9 | 42.4 | 44.9 | 27.9 | 30.5 | 22.6 | 16.2 | 10.7 | 13.5 | 11.1 | 0.5 | — | — | — | — | 20 | 8 | 3 | 7 | 15 | 33 | 24 | 11 | 2 | 14 |
| <i>Petrochromis orthognathus</i> | HUMZ 127720 | Muzimu, D. R. Congo | 4-5 | Non-type | Male | 134.8 | 50.6 | 41.1 | 19.3 | 15.0 | 83.3 | 22.5 | 45.2 | 49.7 | 28.5 | 32.7 | 23.6 | 17.5 | 11.3 | 14.6 | 10.7 | 1.2 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 33 | 23 | 12 | 2 | 12 |
| <i>Petrochromis orthognathus</i> | TT 1213 | purchased in Katonga Marchet, Kigoma, Tanzania | — | Non-type | Female | 106.8 | 41.5 | 33.4 | 15.5 | 13.2 | 66.1 | 19.9 | 35.8 | 30.1 | 22.9 | 25.0 | 19.2 | 13.2 | 9.9 | 11.7 | 10.4 | 1.0 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 32 | 23 | 10 | 2 | 14 |
| <i>Petrochromis orthognathus</i> "ikola" | MRAC 92081.0592 | Mpimbwe Hills, southern part of Shashete Bay, Tanzania | — | Non-type | Male | 127.1 | 51.7 | 41.4 | 19.2 | 13.7 | 81.7 | 22.6 | 42.5 | 45.0 | 26.6 | 29.2 | 22.1 | 17.6 | 12.0 | 14.8 | 12.0 | 1.5 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 33 | 23 | 13 | 2 | 13 |
| <i>Petrochromis orthognathus</i> "ikola" | MRAC 92081.0743 | Just south of Karema, Tanzania | — | Non-type | Female | 91.8 | 36.4 | 30.8 | 14.1 | 10.3 | 57.0 | 15.6 | 33.2 | 31.0 | — | — | 15.4 | 11.6 | 9.5 | 9.7 | 8.6 | 1.2 | — | — | — | — | 19 | 8 | 3 | 7 | 15 | 32 | 24 | 12 | 2 | 12 |
| <i>Petrochromis orthognathus</i> "ikola" | MRAC 92081.0865 | Just south of Mkg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table S1 (Continued)

| Species | Catalogue no. | Locality | Depth (m) | Type | Sex | Standard length (mm) | Body depth (mm) | Head length (mm) | Caudal-pectuncle length (mm) | Caudal-pectuncle depth (mm) | Dorsal-fin-base length (mm) | Anal-fin-base length (mm) | Pectoral-fin length (mm) | Pelvic-fin length (mm) | Shortest caudal-fin-ray length (mm) | Longest caudal-fin-ray length (mm) | Head width (mm) | Snout length (mm) | Eye length (mm) | Interorbital width (mm) | Lower-jaw length (mm) | Upper-jaw protrusion (mm) | Length of LPJ (mm) | Width of LPJ (mm) | Length of dentigerous area on LPJ (mm) | Width of dentigerous area on LPJ (mm) | Dorsal-fin spines | Dorsal-fin soft rays | Anal-fin spines | Anal-fin soft rays | Pectoral-fin soft rays | Scales in longitudinal line | Scales on upper lateral line | Scales on lower lateral line | Scale rows between lateral lines | Gill rakers on first ceratobranchial |
|---|---------------|--|-----------|----------|--------|----------------------|-----------------|------------------|------------------------------|-----------------------------|-----------------------------|---------------------------|--------------------------|------------------------|-------------------------------------|------------------------------------|-----------------|-------------------|-----------------|-------------------------|-----------------------|---------------------------|--------------------|-------------------|--|---------------------------------------|-------------------|----------------------|-----------------|--------------------|------------------------|-----------------------------|------------------------------|------------------------------|----------------------------------|--------------------------------------|
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 116592 | Pemba, D. R. Congo | — | Non-type | Male | 77.1 | 32.2 | 25.4 | 10.8 | 9.6 | 47.1 | 14.5 | 25.5 | 32.5 | 18.9 | 23.3 | 13.9 | 11.1 | 7.5 | 8.7 | 5.6 | 1.7 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 34 | 24 | 12 | 2 | 12 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 116661 | Pemba, D. R. Congo | — | Non-type | Female | 77.3 | 32.9 | 26.1 | 11.5 | 10.0 | 48.2 | 14.6 | 28.3 | 31.0 | 19.6 | 25.8 | 14.3 | 10.5 | 7.7 | 9.0 | 6.6 | 1.6 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 34 | 23 | 13 | 2 | 10 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 127700 | Cape Muzimu, D. R. Congo | 4-5 | Non-type | Male | 100.4 | 41.9 | 32.4 | 13.9 | 12.5 | 64.0 | 17.9 | 32.9 | 40.3 | 23.5 | 30.1 | 18.1 | 13.5 | 8.7 | 12.1 | 9.8 | 1.9 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 34 | 25 | 14 | 2 | 10 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 127921 | Cape Muzimu, D. R. Congo | 4-5 | Non-type | Male | 153.3 | 59.3 | 49.5 | 24.3 | 19.1 | 92.7 | 26.2 | 53.8 | 78.8 | 33.9 | 45.5 | 29.1 | 23.0 | 12.2 | 18.7 | 13.4 | 2.9 | — | — | — | — | 18 | 9 | 3 | 7 | 16 | 35 | 22 | 13 | 2 | 11 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 127922 | Cape Muzimu, D. R. Congo | 4-5 | Non-type | Male | 112.7 | 45.3 | 36.4 | 18.6 | 13.8 | 69.2 | 18.7 | 37.6 | 46.0 | 25.8 | 34.0 | 20.2 | 16.5 | 9.9 | 14.5 | 9.3 | 2.8 | — | — | — | — | 19 | 9 | 3 | 8 | 15 | 34 | 24 | 15 | 2 | 11 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 136368 | Pemba, D. R. Congo | 0.5 | Non-type | Female | 145.3 | 58.2 | 47.2 | 23.0 | 17.1 | 86.5 | 24.7 | 46.0 | 57.3 | 33.4 | 48.4 | 25.4 | 21.4 | 11.9 | 16.8 | 11.9 | 3.3 | — | — | — | — | 19 | 10 | 3 | 7 | 16 | 35 | 24 | 11 | 2 | 10 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 138051 | Pemba, D. R. Congo | — | Non-type | Female | 84.0 | 35.4 | 27.3 | 11.4 | 10.5 | 51.3 | 15.0 | 27.6 | 30.7 | 20.7 | 27.0 | 15.7 | 11.2 | 8.2 | 10.0 | 6.9 | 2.3 | — | — | — | — | 18 | 10 | 3 | 7 | 16 | 34 | 22 | 14 | 2 | 9 |
| <i>Petrochromis trewavasae ephippium</i> | HUMZ 138053 | Pemba, D. R. Congo | — | Non-type | Female | 125.1 | 51.2 | 40.6 | 19.0 | 15.8 | 78.5 | 21.6 | 39.5 | 57.3 | 28.9 | 37.7 | 21.9 | 17.9 | 10.0 | 14.5 | 10.1 | 2.1 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 34 | 22 | 13 | 2 | 11 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-a | Kasenga, Zambia | 1-3 | Non-type | Female | 141.0 | 57.4 | 50.2 | 21.5 | 17.6 | 87.0 | 24.8 | 44.8 | 54.0 | 31.0 | 41.7 | 23.4 | 22.7 | 11.5 | 17.9 | 12.7 | 4.6 | — | — | — | — | 19 | 9 | 3 | 7 | 16 | 35 | 24 | 16 | 2 | 10 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-b | Kasenga, Zambia | 1-3 | Non-type | Female | 128.9 | 56.2 | 44.2 | 20.5 | 16.2 | 83.1 | 22.5 | 43.0 | 50.1 | 29.3 | 38.1 | 23.0 | 19.9 | 10.8 | 16.8 | 11.2 | 2.4 | — | — | — | — | 18 | 9 | 3 | 7 | 15 | 34 | 24 | 15 | 2 | 10 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-c | Kasenga, Zambia | 1-3 | Non-type | Female | 132.5 | 54.3 | 47.3 | 21.5 | 17.4 | 84.0 | 24.6 | 41.8 | 54.8 | 29.5 | 38.0 | 24.6 | 21.2 | 11.4 | 17.2 | 13.2 | 3.3 | — | — | — | — | 19 | 8 | 3 | 7 | 15 | 35 | 25 | 14 | 2 | 12 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-d | Kasenga, Zambia | 1-3 | Non-type | Male | 127.1 | 52.8 | 42.4 | 15.6 | 16.1 | 82.0 | 23.4 | 42.0 | 53.7 | 28.0 | 36.6 | 22.2 | 20.4 | 10.0 | 14.9 | 11.3 | 3.7 | — | — | — | — | 19 | 9 | 3 | 8 | 15 | 34 | 25 | 13 | 2 | 11 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-e | Kasenga, Zambia | 1-3 | Non-type | Female | 125.0 | 48.0 | 40.6 | 18.3 | 14.8 | 79.7 | 22.8 | 39.7 | 44.4 | 27.1 | 35.5 | 21.7 | 18.6 | 10.5 | 14.7 | 9.8 | 2.9 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 35 | 24 | 13 | 2 | 10 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-f | Kasenga, Zambia | 1-3 | Non-type | Male | 98.9 | 42.9 | 32.9 | 15.0 | 12.4 | 65.0 | 17.5 | 30.7 | 31.9 | 22.9 | 28.0 | 17.4 | 13.8 | 9.0 | 12.2 | 8.7 | 2.6 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 35 | 23 | 15 | 2 | 14 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-g | Kasenga, Zambia | 1-3 | Non-type | Male | 94.4 | 41.4 | 32.8 | 12.4 | 12.0 | 62.9 | 17.2 | 31.9 | 36.3 | 22.7 | 27.3 | 17.2 | 14.0 | 9.0 | 11.5 | 7.6 | 2.3 | — | — | — | — | 19 | 9 | 3 | 7 | 15 | 34 | 23 | 13 | 2 | 12 |
| <i>Petrochromis trewavasae ephippium</i> | Zm 93793-h | Kasenga, Zambia | 1-3 | Non-type | Female | 86.6 | 37.0 | 29.1 | 13.4 | 10.9 | 53.7 | 15.0 | 28.5 | 33.7 | 20.2 | 24.5 | 15.0 | 12.1 | 8.0 | 10.0 | 7.0 | 2.7 | — | — | — | — | 18 | 9 | 3 | 7 | 15 | 34 | 23 | 13 | 2 | 10 |
| <i>Petrochromis trewavasae</i> "Moshi Yellow" | TT 1214 | purchased in Katonga Marchet, Kigoma, Tanzania | — | Non-type | Male | 130.8 | 52.6 | 42.4 | 19.7 | 15.9 | 78.9 | 23.6 | 43.4 | 50.7 | 30.3 | 37.8 | 22.4 | 20.5 | 10.5 | 15.5 | 11.0 | 3.3 | — | — | — | — | 19 | 8 | 3 | 7 | 15 | 34 | 26 | 14 | 2 | 12 |
| <i>Petrochromis trewavasae</i> "Moshi Yellow" | TT 1215 | purchased in Katonga Marchet, Kigoma, Tanzania | — | Non-type | Male | 113.0 | 44.2 | 37.1 | 16.5 | 14.1 | 70.5 | 23.5 | 37.6 | 43.9 | 25.4 | 33.3 | 20.3 | 16.2 | 9.6 | 13.4 | 9.9 | 3.0 | — | — | — | — | 19 | 9 | 3 | 8 | 15 | 34 | 23 | 14 | 2 | 13 |

BMNH: The Natural History Museum, London, UK

FAKU: Fish collection of Kyoto University, Kyoto and Maizuru, Japan

HUMZ: Laboratory of Marine Biodiversity, Graduate School of Fisheries Science, Hokkaido University, Hakodate, Japan

LPJ: Lower pharyngeal jaw

MRAC: Royal Museum for Central Africa, Tervuren, Belgium

NSMT-P: Department of Zoology, National Science Museum, Tokyo, Japan

TT: private collection of T. Takahashi, Kyoto University, Kyoto, Japan

Z, Zm: private collection of M. Hori, Kyoto University, Kyoto, Japan