

Anexo. Números de catálogo de peces ingresados en la colección ictiológica (MZ-P-UNICACH)

Amphilophus macracanthus (Günther 1864): 1653, 3968, 4007, 1423, 1438, 1568, 1580, 1584, 2315, 2324, 2703, 2712, 3195, 3694, 1459, 1600, 1606, 2970, 3952, 2980, 1893, 1920. *Aplodinotus grunniens* - Rafinesque, 1819: 1507, 2540, 2089, 2699, 2916, 2928, 1886, 1723, 2929, 2017, 2564, 2241, 1378, 4056. *Astyanax aeneus* (Günther, 1860): 1347, 1544, 1667, 1763, 1950, 1977, 2164, 2546, 2787, 2907, 3781, 3837, 3869, 3989, 4647, 2826, 3593, 3621, 3958, 4000, 1518, 1687, 1967, 1995, 2915, 3511, 3738, 3806, 3846, 3754, 3860, 4061, 4137, 1855, 2081, 2086, 2251, 3562, 3598, 3994, 1743, 2956, 3575, 3585, 3961, 2014, 1272, 1363, 1425, 1575, 1577, 1582, 1613, 1822, 2113, 2119, 2135, 2316, 2319, 2702, 2708, 2717, 3190, 3196, 3691, 2237, 2245, 2234, 2595, 2598, 1645, 2049, 2223, 2227, 2575, 2577, 1469, 1610, 1946, 2097, 2099, 2343, 2346, 2347, 2255, 1516, 2738, 2747, 3662, 3687, 1817, 2278, 2275, 1261, 1262, 1314, 1309, 1396, 1397, 1441, 1446, 2798, 2806, 2033, 2207, 2213, 1400, 1449, 1451, 3710, 3761, 3773, 4124, 4130, 1344, 1376, 1419, 1484, 1558, 1799, 1832, 2145, 2326, 2751, 3630, 3633, 2126, 2131, 2282, 2310, 3156, 3159, 3666, 1728, 1755, 2129, 2305, 2735, 3161, 3164, 3638, 3669, 3678, 2104, 2107, 1547, 1550, 1618, 1623, 1656, 2952, 1636, 1703, 1912, 2108, 2284, 2285, 2297, 2750, 2760, 3168, 3170, 3176, 3645, 3648, 3824, 3840, 3944, 1766, 3682, 2726, 3655, 3676, 1263, 1266, 1304, 1503, 1668, 1989, 2177, 2509, 2532, 2556, 2793, 3515, 3742, 3801, 3896, 4042, 4102, 4144, 5016, 5041, 5042, 5053, 4119, 1529, 1734, 2551, 1257, 1293, 1393, 1601, 1608, 1934, 2142, 2288, 2294, 3184, 3187, 3635, 3640, 3642, 1880, 1908, 2060, 2066, 2811, 2977, 3579, 3982, 4050, 1276, 1280, 1282, 1294, 1296, 1365, 1411, 1866, 1895, 1903, 2079, 2087, 2260. *Atherinella alvarezii* (Díaz-Pardo, 1972): 1496, 1513, 1658, 1802, 1980, 2160, 2523, 2782, 2879, 3785, 3938, 3872, 3992, 2985, 3003, 3805, 3931, 3757, 4059, 4113, 1759, 1771, 2249, 2815, 3563, 3967, 1424, 1439, 2314, 1915, 1918, 1537, 1712, 1715, 1846, 1835, 1844, 2772, 2860, 3976, 3765, 3613, 3886, 4024, 1993, 2009, 2011, 2176, 2510, 2557, 2933, 3727,

3733, 3811, 3880, 4044, 2869, 1540, 1541, 1910, 3610, 1278, 1643, 2959, 2962. *Batrachoides goldmani* Evermann y Goldsborough 1902: 2508, 4293. *Brycon guatemalensis* Regan 1908: 1342, 2169, 2174, 2919, 4006, 1974, 2007, 2696, 3930, 4067, 1897, 2046, 2845, 2954, 2998, 4087, 1565, 1590, 1841, 2117, 2122, 2714, 3191, 2583, 1463, 1466, 1598, 1911, 1945, 2100, 2336, 2339, 2780, 2884, 1736, 2025, 1356, 1445, 1349, 1798, 2733, 2745, 2972, 2111, 2296, 3171, 3174, 3637, 3652, 2055, 2724, 2728, 3673, 3686, 1319, 1680, 2558, 5033, 1811, 1815, 2036, 2188, 2058, 2071, 2238, 2837, 2993, 3608, 3984, 4010, 4055, 1287, 1300, 1367, 1375, 1383, 1406, 1410, 1454, 1457, 1629, 1892, 2042, 2077, 2247, 1254. *Cathorops kailolae* Marceñiuk y Betancur-R. 2008: 1510, 1508, 1669, 1685, 1805, 1952, 1963, 2172, 2515, 2903, 3834, 2820, 3590, 3955, 4014, 1686, 1786, 1968, 2695, 2914, 3506, 3736, 3847, 3926, 3861, 4062, 4134, 1884, 2842, 4088, 2781, 1709, 1727, 2206, 2229, 2769, 2857, 2924, 3497, 3714, 1796, 2198, 3949, 3997, 3941, 1673, 2797, 2932, 3519, 3744, 3800, 4046, 4100, 5031, 2555, 3721, 2021, 2204, 2562, 2567, 1741, 2994, 3983, 4052, 1286, 1340, 1369, 1373, 1414, 1630, 1642, 3625. *Cichlasoma salvini* (Günther 1862): 1327, 1939, 1497, 1803, 2152, 2531, 3299, 3707, 4070, 3004, 3592, 3623, 3971, 3957, 4004, 1671, 4066, 3555, 1857, 3599, 2221, 1747, 2900, 3711, 3763, 3775, 3857, 4129, 1872, 1331, 1333, 1377, 1559, 1829, 2323, 3628, 3617, 3950, 3178, 3829, 3841, 4023, 4077, 1927, 3609. *Cichlasoma trimaculatum* (Günther 1867): 1429, 1563, 3199, 1620, 2098, 2345, 1631, 5056, 5146, 1288. *Cichlasoma urophthalmus* (Günther 1862): 5056, 5146, 1288. *Dorosoma anale* Meek 1904: 1506, 1678, 1682, 1955, 1961, 2168, 2173, 2834, 1676, 1782, 1966, 2000, 2191, 2537, 2832, 2697, 2910, 2912, 2925, 3509, 3304, 3735, 3753, 1883, 2045, 2843, 2995, 4085, 2052, 2228, 1528, 1914, 2777, 2883, 3766, 1788, 2056, 1876, 2183, 1706, 2559, 2700, 2930, 3719, 3746, 3798, 4143, 1809, 2037, 2189, 2554, 2794, 2202, 2561, 2921, 2059, 2074, 2239, 2839, 2979, 2992, 3583, 3620, 3979, 4012, 4053, 1295, 1297, 1368, 1372, 1405, 1407, 1412, 1455, 1627, 1775, 1868, 1887, 1896, 1901, 2041, 2078, 2242, 2591, 2601, 2987, 2991, 4093. *Dorosoma petenense* (Günther 1867): 1650, 1499, 1532, 1697, 1765, 2030, 2167, 2526, 2542, 2790, 2849, 2902, 3703, 3836, 3822, 3934, 3859, 4646, 2824, 2973, 3591, 3624, 3970, 3959, 4003, 4015, 1511, 1698, 1973, 2005, 2535, 2865, 3510, 3522, 3740, 3850, 3928, 3752, 3863, 4060, 4140, 2966, 3557, 1856, 2080, 2085, 2252, 2585, 2941, 2942, 3604, 2957, 3576, 3962, 2015, 2194, 1417, 2050, 2222, 5055, 2572, 2581, 1474, 1523, 1722, 1725, 1792, 1836, 2211, 2216, 2767, 2855, 3499, 3712, 3760, 3778, 2967, 3951, 3998, 3827, 3844, 3884, 3889, 4075, 1875, 1505, 1713, 1990, 2012, 2543, 2937, 3513, 3745, 3893, 4098, 4145, 4996, 5030, 5032, 5052, 2566, 2874, 2885, 3866, 4120, 1742, 2065, 2975, 3581, 3985, 4049, 1260, 1275, 1279, 1283, 1299, 1370, 1374, 1413, 1869, 1894, 1902, 2961. *Eugerres mexicanus* (Steindachner 1863): 2043, 1379, 1456, 1899, 4057. *Gambusia sexradiata* Hubbs 1936: 5173. *Gambusia yucatanensis* - Regan, 1914: 1720, 1838. *Heterandria bimaculata* (Heckel 1848): 2148, 2545, 2888, 2920, 3787, 2829, 2963, 1948, 2082, 2083, 2254, 2587, 2588, 2816, 2946, 2950, 3551, 3552, 4009, 2199, 2732, 2739, 2740, 2749, 3659, 1316, 1311, 1394, 1440, 2804, 2103, 2683, 3189, 3697, 2132, 2291, 2309, 3154, 3665,

- 1753, 2302, 2306, 2742, 2744, 3163, 3667, 3670, 2105, 2299, 1546, 1622, 1624, 1731, 2289, 2831, 3181, 3695, 2721, 2727, 2731, 3656, 3696, 1258, 1277, 1391, 1603, 1621, 1936, 2140, 2143, 2287, 2293, 3186, 3188, 3634, 2258, 2259. *Hyporhamphus mexicanus* Alvarez 1959: 1250, 1512, 1655, 1953, 1983, 2163, 2527, 3704, 3991, 1714, 2027, 2863, 2864, 3716, 3891, 1371, 1701, 2958, 2960, 3559. *Ictalurus meridionalis* (Günther 1864): 1500, 1675, 1962, 3588, 4017, 1972, 2002, 2193, 2536, 2698, 2917, 3507, 3303, 3741, 3851, 3929, 1885, 2047, 2846, 2997, 3616, 4089, 1359, 1430, 1436, 1852, 2115, 2123, 2704, 2705, 2713, 3198, 1944, 2093, 2102, 1717, 1740, 2026, 2034, 2212, 2768, 2774, 2852, 2859, 3826, 3845, 4076, 2057, 3685, 1873, 1700, 3715, 3748, 3879, 4041, 4103, 1812, 1813, 2563, 4118, 2999, 4084, 1404, 1453, 1773, 1776, 1889, 2038, 2076, 4094. *Ophisternon aenigmaticum* Rosen y Greenwood 1976: 2341, 2276, 1420, 3157, 3165, 3679, 3653, 1303. *Oreochromis mossambicus* (Peters 1852): 1553, 2124, 1292. *Oreochromis niloticus* (Linnaeus 1758): 1492, 1564, 1519, 1696, 1979, 2158, 2165, 2514, 2522, 2512, 2784, 2791, 2878, 2895, 3298, 3833, 3788, 3820, 3933, 4072, 2821, 2982, 3596, 1437, 2048, 2205, 2226, 2091, 3731, 3770, 2971, 2186, 3881, 4043, 2064, 1907. *Parachromis managuensis* (Günther 1867): 1648, 1493, 1531, 1649, 1806, 1978, 1954, 1959, 2157, 2161, 2528, 2788, 2875, 2894, 2891, 2892, 2905, 3297, 3570, 3568, 3783, 4071, 2827, 3594, 3622, 4016, 1699, 3512, 3305, 3925, 3755, 4139, 1779, 2817, 2939, 3561, 3603, 3587, 1646, 2576, 2579, 1749, 2776, 2882, 1721, 1724, 2886, 2890, 2899, 3728, 3776, 3813, 3854, 4125, 2197, 3607, 4657, 3842, 3888, 3943, 3946, 4022, 4078, 3516, 3725, 3810, 3894, 2019, 2922, 4689, 4690, 2813, 2838, 2978, 3580, 4082, 1862, 1900. *Paraneetroplus bifasciatus* (Steindachner 1864): 1329, 1336, 1491, 1498, 1521, 1533, 1663, 1694, 1756, 1804, 1956, 1960, 2171, 2541, 1778, 1969, 2003, 2192, 1859, 1560, 1572, 1659, 1461, 1611, 1942, 2349, 1535, 1718, 1738, 1849, 2023, 2031, 1357, 1452, 1789, 1839, 1386, 1556, 1264, 1270, 1306, 1881, 2184, 1692, 1988, 1538, 2073, 1298, 1409, 1639, 1861, 1888, 1890. *Paraneetroplus hartwegi* (Taylor y Miller 1980): 3302, 3571, 3786, 3838, 3939, 3858, 4650, 3974, 4002, 2008, 3737, 3848, 4115, 4136, 3556, 3602, 3964, 3993, 1431, 1853, 3699, 3500, 3713, 3771, 3818, 4123, 3615, 3953, 2110, 3172, 3175, 3180, 3828, 4080, 3518, 3724, 3747, 3802, 3890, 4099, 4142, 3504, 3867. *Paraneetroplus melanurus* (Günther 1862): 1490, 1502, 1762, 3301, 3790, 4649, 2828, 2984, 1785, 3520, 2945, 3601, 1716, 1794, 2854, 3496, 3768, 2947, 1693, 2701, 5054, 2203, 3981, 4051, 1253. *Paraneetroplus regani* (Miller 1974): 1335, 1341, 2580, 1467, 1472, 1594, 1596, 1597, 1947, 2094, 2101, 2340, 1737, 2217, 2856, 2923, 1355, 1444, 1330, 1385, 1433, 1434, 1828, 2725, 2730, 3675, 3683, 1318, 3626. *Paraneetroplus zonatus* (Meek 1905): 1982, 2159, 2518, 2517, 2524, 2783, 2789, 2848, 2880, 2908, 2823, 2974, 1975, 2911, 2926, 3758, 2944, 2844, 2716, 2593, 1665, 2584, 2096, 2333, 2348, 1527, 2741, 3690, 1816, 2799, 2805, 1748, 1708, 1793, 1834, 2208, 2215, 2766, 2792, 2851, 1448, 2897, 3769, 3774, 1769, 2949, 3619, 1635, 2109, 2729, 3672, 3680, 2934, 2871, 2063, 1925, 1285. *Petenia splendida* Günther 1862: 1489, 1501, 1522, 1545, 1625, 1670, 1660, 1695, 1761, 1807, 1951, 1976, 2149, 2151, 2153, 2170, 2525, 2529, 2520, 2538, 2785, 2786, 2847, 2877, 2867, 2909, 2918, 3295, 3569, 3566, 3708, 3779, 3835, 3819, 3935, 3937, 3868, 3986, 4068, 4146, 4645, 4651, 2088, 2590, 2825, 2835, 2983, 3005, 3589, 3972, 3956, 4005, 4018, 1689, 1783, 2001, 2534, 2694, 2913, 2927, 3508, 3306, 3734, 3809, 3932, 3756, 4063, 4111, 4141, 2965, 3554, 1757, 1772, 2084, 2814, 2940, 2943, 3564, 3597, 3965, 3995, 1898, 2996, 3577, 3586, 3960, 4008, 4086, 1644, 2053, 2220, 2571, 2578, 2256, 1517, 1746, 1913, 1916, 2549, 2778, 2881, 4081, 1536, 1711, 1729, 1735, 1797, 1848, 1833, 1845, 2024, 2028, 2210, 2214, 2230, 2770, 2850, 2861, 3495, 3501, 3975, 2896, 3709, 3730, 3764, 3772, 3817, 3855, 4127, 4132, 1791, 1826, 1850, 1871, 2196, 2948, 2951, 3612, 3618, 3954, 3999, 3646, 3794, 3830, 3839, 3885, 3887, 3942, 4020, 4074, 1874, 2185, 1504, 1707, 1991, 2013, 2544, 2936, 3517, 3574, 3722, 3797, 3882, 3895, 4095, 1810, 2190, 2553, 2795, 2018, 2200, 2560, 2565, 2873, 3505, 3864, 4116, 1777, 1877, 2072, 2240, 2841, 2976, 3001, 3582, 1281, 1381, 1382, 1774, 1867, 1906, 2039, 2248, 2602, 2988, 2990, 3558, 3584, 4092, 1252. *Poecilia mexicana* Steindachner 1863: 1328, 1337, 1938, 1657, 1987, 2150, 2162, 2519, 2876, 2893, 2906, 3705, 3782, 3936, 3870, 3987, 4073, 2586, 2818, 1999, 3808, 3849, 3924, 4058, 4112, 4135, 2232, 2233, 2830, 2225, 2569, 1943, 2802, 2807, 2808, 1751, 1843, 2889, 2898, 3729, 3762, 3815, 3856, 4128, 4133, 1854, 1870, 1389, 1421, 1633, 2322, 2763, 3631, 2128, 2133, 2292, 2308, 3158, 3160, 1754, 2130, 2301, 2307, 2743, 2746, 3162, 3166, 3639, 3668, 2298, 1549, 1551, 1808, 3996, 1634, 1704, 1705, 1732, 1922, 1931, 2112, 2290, 2303, 2759, 2765, 3167, 3182, 3644, 3647, 3650, 3684, 1514, 2533, 2935, 3718, 3812, 3892, 4045, 4117, 1542, 1928, 1923, 2812, 2250, 2257. *Poecilia sphenops* Valenciennes 1846: 1495, 1997, 1320, 1364, 1416, 1573, 1578, 1589, 1614, 1937, 2114, 2120, 2138, 2317, 2328, 2707, 2710, 3192, 3197, 3692, 3701, 2224, 1462, 1464, 1470, 1595, 1599, 1607, 1919, 2095, 2332, 2337, 1477, 1481, 1825, 2265, 2269, 2280, 1353, 1403, 1554, 2719, 3658, 1265, 1269, 1308, 2181, 3502, 1602, 2061, 2067. *Poeciliopsis fasciata* (Meek 1904): 1494, 1652, 1986, 2166, 2521, 2547, 2868, 3784, 3940, 3873, 4069, 3006, 3969, 4019, 3927, 4065, 1758, 2589, 3560, 3963, 1274, 1324, 1362, 1426, 1562, 1566, 1612, 1840, 2118, 2136, 2311, 2320, 2330, 2711, 3194, 3702, 2573, 1460, 1471, 1588, 1604, 1941, 2334, 1478, 1483, 1585, 1818, 2272, 2264, 2270, 1917, 1543, 1719, 1847, 2029, 2209, 2773, 2862, 2887, 3977, 2901, 3732, 3816, 3853, 4122, 1343, 1387, 1418, 1555, 1830, 2147, 2327, 2752, 2761, 3606, 1548, 3614, 2757, 3177, 3649, 4021, 1767, 1515, 2010, 2175, 2938, 3723, 3883, 4048, 2872, 3503, 4121, 1726, 1641. *Poeciliopsis hnileckai* Meyer y Vogel 1981: 1480, 1593, 1820, 2271, 2267, 2274, 2279, 1733. *Poeciliopsis pleurospilus* (Günther 1866): 1998, 3807, 4114, 1271, 1326, 1358, 1422, 1570, 1576, 1583, 1616, 1851, 2116, 2137, 2321, 2329, 2706, 2718, 3193, 3201, 3698, 2570, 1473, 1475, 1609, 1619, 2090, 2335, 2342, 1476, 2125, 2737, 2748, 3663, 3688, 1479, 1591, 1819, 2268, 2263, 2273, 2277, 1313, 1310, 1352, 1401, 1443, 1447, 1346, 1637, 1730, 1932, 2286, 2758, 3651, 1768, 2722, 3674, 3681, 2720, 3654, 3677, 1256, 1267, 1307, 2182, 4047, 1878, 2062, 2069, 1865, 1905. *Potamarius nelsoni* (Evermann y Goldsborough 1902): 1487, 1509, 1691, 1958, 2539, 1784, 2833, 1882, 2779, 2231, 1790, 3945, 4091, 2187, 3799, 2035, 2840, 3000, 3980, 4054, 1380, 1626, 2040, 2075, 2243, 2600,

2989. *Priapella intermedia* Alvarez y Carranza 1952: 1334, 2244, 2592, 2597, 2803, 1332, 1390, 1831, 2146, 2762, 3605, 3627, 3636. *Profundulus labialis* (Günther 1866): 1994, 1273, 1322, 1360, 1567, 1581, 1615, 1824, 2121, 2139, 2313, 2325, 2715, 3200, 3693, 3700, 2574, 1458, 1465, 1468, 1605, 1940, 2092, 2338, 2344, 2736, 3661, 3689, 1315, 1395, 1354, 1402, 1450, 2127, 2283, 3155, 3664, 1752, 2734, 2106, 2300, 1552, 1617, 1638, 1921, 1933, 2304, 2756, 3173, 3179, 2723, 1305, 1929. *Profundulus punctatus* (Günther 1866): 1321, 1427, 1569, 1801, 1823, 3183, 1482, 1586, 1821, 2262, 2266, 1399, 3657, 2552. *Rhamdia guatemalensis* (Quoy y Gaimard 1824): 1654, 1666, 1677, 1985, 2548, 3296, 3832, 3947, 3871, 3988, 2822, 1672, 1781, 1970, 1996, 3739, 1325, 1361, 1428, 1435, 1561, 1571, 1579, 1842, 2134, 2312, 2318, 2331, 2709, 1647, 2582, 2261, 1526, 3660, 1587, 2281, 1312, 1398, 1442, 4471, 2801, 1750, 2032, 2218, 3814, 4126, 2754, 3611, 2755, 3169, 3643, 3671, 1255, 1268, 1317, 1684, 3514, 3726, 3804, 4096, 1879, 1909, 1926, 4013, 1640, 1863. *Rhamdia laluchensis* Weber, Allegrucci y Sbordoni 2003: 1702, 2809, 2810. *Rhamdia laticauda* (Kner 1858): 1339, 1679, 1957, 1965, 2004, 2044, 4090, 2800, 2775, 4131, 2195, 1770, 2753, 1683, 2931, 1814, 2020, 2568, 2236, 2599. *Strongylura hubbsi* Collette 1974: 1486, 2154, 2530, 2511, 2955, 3578, 5017. *Theraps pearsei* (Hubbs 1936): 1520, 1534, 1651, 1681, 1764, 1984, 1964, 2155, 2516, 2796, 3300, 3567, 3706, 3789, 3821, 2836, 3973, 1780, 2006, 2866, 3521, 1858, 3565, 3600, 3966, 2054, 1745, 1739, 2022, 1787, 1837, 2953, 3793, 3843, 1690, 1992, 2180, 4097, 3720, 2016, 2201, 3865, 2070, 2981, 3002, 3978, 4011, 4083, 1284, 1366, 1408, 1628, 1891, 2986. *Thorichthys helleri* (Steindachner 1864): 1351, 1488, 1530, 1662, 1664, 1760, 1949, 1981, 2156, 2513, 2904, 3780, 3831, 3948, 3874, 3990, 4648, 2819, 3595, 4001, 1688, 1971, 3852, 3759, 3862, 4064, 4138, 3553, 1860, 1574, 1674, 2051, 1744, 2550, 1710, 2219, 2771, 2853, 2858, 3498, 3767, 3777, 1345, 1348, 1384, 1415, 1485, 1592, 1800, 1827, 3632, 2968, 3825, 4079, 2179, 3717, 3743, 3803, 4101, 2870, 1539, 1930, 2068, 1924, 1301, 1864. *Tilapia zillii* (Gervais 1848): 1661, 2969, 1904. *Xiphophorus clemenciae* Alvarez 1959: 2246, 4189, 2235, 2596, 2594, 2764, 3629, 1259, 1302, 1392, 1935, 2141, 2144, 2295, 3185, 3641, 2253. *Xiphophorus hellerii* Heckel 1848: 1338, 2964, 1350, 1388, 1432, 1557, 1632, 1795.