

分析対象種の確認状況の経年比較（その4）

| No. | 地整 | 項目 種名 河川名 / 巡目 | 地球温暖化による分布域の変化 | | | | | | | | | | | | | | | 飼育（ペット）由来の国外外来種 | | | | | | | | | | | | | | | | | | | | 調査実施年度 | | | | | | | | | | | | | | | | | |
|-----|----|----------------------|----------------|---|---|---|---|------|---|---|---|---|----------|---|---|---|---|-----------------|---|---|---|---|----------|---|---|---|---|-----------|---|---|---|---|------|---|---|---|---|--------|---|---|---|---|------|---|---|----|-----|----------------|-------|---------|-----|---------|-----|---|---|
| | | | ナンヨウボウスハゼ | | | | | ウロハゼ | | | | | ブラックアロワナ | | | | | レピソステウス属 | | | | | コイ（飼育品種） | | | | | タイリクバラタナゴ | | | | | グッピー | | | | | | | | | | キンギョ | | | | | パロットファイヤーシクリッド | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | | | | | | | | |
| 83 | 中国 | 千代川 | x | x | x | x | - | x | ● | x | ● | - | x | x | x | x | - | - | x | x | x | - | ● | x | x | ● | - | x | x | x | x | - | x | x | x | x | - | x | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H22 | - | | | |
| 84 | 中国 | 天神川 | x | x | x | x | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | x | x | x | x | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H5 | H10 | H15 | H19 | - | | | | | |
| 85 | 中国 | 日野川 | x | x | x | x | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | x | x | x | x | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H6 | H11 | H16 | H21 | - | | | | | |
| 86 | 中国 | 斐伊川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | ● | ● | ● | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H21 | - | | | | |
| 87 | 中国 | 江の川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | ● | x | ● | ● | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H5 | H10 | H15 | H20 | - | | | |
| 88 | 中国 | 高津川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | ● | ● | ● | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H5 | H10 | H15 | H21 | - | | | | |
| 89 | 中国 | 吉井川 | - | x | x | x | x | - | x | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H8 | H13 | H18 | H23 | - | | | |
| 90 | 中国 | 旭川 | x | x | x | x | - | x | ● | ● | ● | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | ● | ● | ● | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H21 | - | | | | |
| 91 | 中国 | 高粱川 | - | x | x | x | - | - | x | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | - | ● | ● | ● | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H9 | H14 | H19 | - | - | | |
| 92 | 中国 | 芦田川 | - | x | x | x | x | - | x | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H8 | H13 | H18 | H23 | - | | | |
| 93 | 中国 | 太田川 | x | x | x | x | - | x | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | ● | ● | ● | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H21 | - | | | | |
| 94 | 中国 | 小瀬川 | - | x | x | x | - | - | x | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H9 | H14 | H19 | - | - | | |
| 95 | 中国 | 佐波川 | x | x | x | x | - | x | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H6 | H11 | H16 | H21 | - | | | | |
| 96 | 四国 | 吉野川 | - | x | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | x | x | ● | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H8 | H13 | H18 | H23 | - | | |
| 97 | 四国 | 那賀川 | - | x | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H8 | H13 | H18 | H23 | - | | | |
| 98 | 四国 | 土器川 | x | x | x | x | - | x | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H6 | H11 | H16 | H21 | - | | | |
| 99 | 四国 | 重徳川 | x | x | x | x | - | x | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | ● | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H6 | H11 | H16 | H21 | - | | | |
| 100 | 四国 | 砥川 | x | x | x | x | - | x | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H5 | H10 | H15 | H19 | - | | | | |
| 101 | 四国 | 物部川 | x | x | x | x | - | ● | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | ● | x | - | ● | x | ● | - | - | x | x | x | - | - | ● | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H21 | - | | | |
| 102 | 四国 | 仁淀川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | ● | - | ● | ● | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H21 | - | | | | | |
| 103 | 四国 | 渡川 | - | x | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | x | x | x | - | x | x | x | - | - | x | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H9 | H14 | H18 | H23 | - | | | |
| 104 | 九州 | 遠賀川 | - | x | x | x | - | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | ● | x | - | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H7 | H13 | H19 | - | - | | |
| 105 | 九州 | 山国川 | - | x | x | x | - | - | x | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | ● | x | - | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H8 | H14 | H19 | - | - | | |
| 106 | 九州 | 筑後川 | x | x | x | x | - | x | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | ● | x | - | ● | x | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H5 | H9 | H13 | H19 | - | | | |
| 107 | 九州 | 矢部川 | x | x | x | x | - | x | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H7 | H12 | H17 | H22 | - | | | |
| 108 | 九州 | 松浦川 | - | x | x | x | - | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | ● | x | - | - | ● | ● | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H8 | H13 | H19 | - | - | | |
| 109 | 九州 | 六角川 | x | x | x | x | - | x | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H5 | H11 | H16 | H21 | - | | | |
| 110 | 九州 | 嘉瀬川 | - | x | x | x | - | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | ● | x | x | - | - | ● | ● | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H10 | H15 | H20 | - | - | | |
| 111 | 九州 | 本明川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | ● | x | ● | ● | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H5/H7 | H12 | H17 | H20/H22 | - | | |
| 112 | 九州 | 菊池川 | - | x | x | x | x | - | ● | ● | ● | ◎ | - | x | x | x | x | - | - | x | x | x | - | x | ● | ● | ◎ | - | x | x | x | - | - | ● | x | x | x | - | - | x | x | x | - | - | x | x | x | - | H8 | H13 | H18 | H23 | - | | |
| 113 | 九州 | 白川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | ● | x | - | ● | x | ● | - | - | x | x | x | - | - | - | x | x | ● | x | - | - | x | x | x | - | H4 | H9 | H15 | H20 | - | | |
| 114 | 九州 | 緑川 | - | x | - | x | - | - | ● | ● | ● | - | - | x | - | x | - | - | x | - | x | - | - | x | - | ● | - | - | x | - | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | H8 | - | H20 | - | - | |
| 115 | 九州 | 球磨川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | ● | ● | ● | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H6 | H10 | H16 | H21 | - | | | |
| 116 | 九州 | 大分川 | - | - | x | x | x | - | - | ● | ● | ◎ | - | - | x | x | x | - | - | x | x | x | - | - | x | ● | x | - | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H13 | H18 | H23 | - | - |
| 117 | 九州 | 大野川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | ● | ● | ● | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H6 | H11 | H16 | H21 | - | | |
| 118 | 九州 | 番匠川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H4 | H10 | H15 | H20 | - | | | |
| 119 | 九州 | 五ヶ瀬川 | x | x | x | x | - | x | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H6 | H12 | H17 | H22 | - | | | |
| 120 | 九州 | 小丸川 | x | - | x | x | x | ● | - | ● | ● | ◎ | x | - | x | x | x | - | - | x | x | x | - | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | x | x | x | - | H7 | - | H13 | H18 | H23 | - | | |
| 121 | 九州 | 大淀川 | - | x | x | x | - | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | ● | x | - | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H8 | H15 | H21 | - | - | | |
| 122 | 九州 | 川内川 | x | x | x | x | - | ● | ● | ● | - | - | x | x | x | - | - | x | x | x | - | - | ● | ● | ● | - | x | x | x | - | - | x | x | x | - | - | - | x | x | x | - | - | - | x | x | x | - | H5 | H10 | H15/H17 | H21 | - | | | |
| 123 | 九州 | 肝属川 | x | - | x | ● | x | ● | - | ● | ● | ◎ | x | - | x | x | x | - | - | x | x | x | - | ● | x | x | x | - | x | x | x | - | - | x | x | x | - | - | - | x | | | | | | | | | | | | | | | |