**Electronic supplementary material**

Table S1

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| --- | --- | --- |
|   | **Lakes** | **Rivers** |
|  | **2004** | **2011** | **2012** | **2017** | **2018** | **2004** | **2011** | **2012** | **2017** | **2018** |
| **Family Cyprididae Baird, 1845** |   |  |  |  |  |   |  |  |  |  |
| *Bradleytriebella lineata*Victor & Fernando, 1981 |   |  | + |  | + | + |  |  |  |  |
| *Bradleytriebella trispinosa*Pinto & Purper, 1965 |   | + |  |  | + | + |  |  | + | + |
| *Cabelodopsis hispida* Sars, 1901 | + | + | + | + | + | + | + | + | + | + |
| *Chlamydotheca deformis* Farkas, 1958 | + |  |  |  | + | + |  |  |  |  |
| *Chlamydotheca iheringi* Sars, 1901 |   | + | + |  | + | + | + |  |  |  |
| *Chlamydotheca* cf. *iheringi* |   |  |  | + | + | + |  |  |  |  |
| *Chlamydotheca* sp. 2  |   |  |  |  | + |   |  |  |  |  |
| *Cypretta costata* G. W. Müller, 1898 | + | + | + | + | + | + | + | + | + | + |
| *Cypretta* n. sp. 3 |   |  |  |  |  | + |  |  |  |  |
| *Cypricercus centrurus*Klie, 1940 | + | + | + | + | + | + | + | + | + | + |
| *Cypricercus* n. sp. 1 |   |  |  |  |  |   |  |  | + |  |
| *Cypridopsis vidua* O. F. Müller, 1776 |   | + | + | + | + | + |  | + | + |  |
| *Cypridopsis* cf. *vidua* sp.2 | + |  | + | + | + | + | + | + |  |  |
| *Cypridopsis* n.gen. n.sp.1 |   |  |  | + |  |   | + |  |  |  |
| *Cypridopsis* n.gen. n.sp.2 |   | + |  | + |  |   | + |  | + |  |
| *Diaphanocypris meridana* Furtos, 1936 | + | + | + | + | + | + | + | + | + | + |
| *Neocypridopsis nana* Sars, 1901 | + | + |  | + | + | + | + |  |  |  |
| *Stenocypris major* Baird, 1859 |   |  |  |  |  | + |  |  |  |  |
| *Stenocypris* *malayica* Victor & Fernando, 1981 |   |  |  |  |  | + |  | + | + | + |
| *Strandesia* cf. *tolimensis* | + | + |  | + | + | + | + |  |  | + |
| *Strandesia lansactohai* Higuti & Martens, 2013 | + |  | + | + | + | + | + | + |  | + |
| *Strandesia mutica* Sars, 1901 | + | + | + | + | + | + | + |  |  | + |
| *Strandesia nupelia* Higuti & Martens, 2013 | + | + | + | + | + | + | + | + | + | + |
| *Strandesia psittacea* Sars, 1901 | + | + | + |  | + | + | + |  | + | + |
| *Strandesia tolimensis* Roessler, 1990 |   |  |  |  | + |   |  |  |  |  |
| *Strandesia variegata* Sars, 1901 |   |  |  | + | + |   |  |  |  |  |
| *Strandesia velhoi* Higuti & Martens, 2013 |   |  |  |  | + |   |  |  |  |  |
| *Strandesia* sp. 2 |   |  |  |  | + |   |  |  |  |  |
| **Family Candonidae Kaufmann, 1900** |   |  |  |  |  |   |  |  |  |  |
| *Candobrasilopsis brasiliensis* Sars, 1901 | + | + | + | + |  | + | + |  | + | + |
| *Candobrasilopsis elongata* Higuti & Martens, 2014 | + | + | + | + | + | + | + |  | + | + |
| *Candobrasilopsis rochai* Higuti & Martens, 2012 | + | + |  | + | + | + | + |  |  | + |
| *Physocypria schubarti* Farkas, 1958 | + |  |  |  |  | + |  |  |  |  |
| *Pseudocandona agostinhoi* Higuti & Martens, 2014 | + | + |  |  | + | + |  |  |  | + |
| *Pseudocandona cillisi* Higuti & Martens, 2014 | + | + |  | + |  | + |  |  | + |  |
| **Family Limnocytheridae Sars, 1925** |   |  |  |  |  |   |  |  |  |  |
| *Cytheridella ilosvayi* Daday, 1905 | + | + | + | + | + | + | + | + | + | + |
| **Family Darwinulidae Brady & Robertson, 1885** |   |  |  |  |  |   |  |  |  |  |
| *Alicenula serricaudata* Klie, 1935 | + | + |  | + | + | + | + | + | + | + |
| *Penthesilenula brasiliensis* Pinto & Kotzian, 1961 |   | + |  | + | + | + | + | + | + | + |
| *Vestalenula pagliolii* Pinto & Kotzian, 1961 | + | + |   | + | + | + | + | + | + | + |