**Table S1.** List of species recorded for the municipality of SGC.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | ID | IUCN Classification | ICMBio Classification  | Female known | Larva known | Locality | Ocurrence in South America  | Ocurrence in Brazil |
| **Zygoptera** |  |  |  |  |  |  |  |
| **Calopterygidae** |  |  |  |
| *Hetaerina amazonica*Sjöstedt, 1918*\*\*\** | 6♂; 2♀ | LC | LC | Yes | No | P1; P2; P4 | BR; CO; VE | AM; AP; BA; MA; MS; MT; PA; RO |
| *Hetaerina caja*(Drury, 1773)\*\*\* | 8♂; 1♀ | LC | - | Yes | Yes | P1; P6; P6.1 | BR; CO; ECU; FG; GY; PE; SR; VE | AM; RR |
| *Hetaerina moribunda*Hagen & Selys, 1853\*\*\* | 1♂ | LC | LC | Yes | Yes | P4 | BR; FG; GY; SR; VE | AM; AP; MA; MT; PA; RO |
| *Metaleptobasis bicornis*(Selys, 1877)*\*\*\** | 1♀ | DD | LC | Yes | No | P4 | BR; FG; GY; SR; VE | AM; CE; PA; PB; PE; RR |
| *Mnesarete astrape*De Marmels, 1989*\*\*\** | 4♂; 1♀ | LC | LC | Yes | No | P10 | BR; VE | AM; PA |
| *Mnesarete metallica*(Selys, 1869)*\** | 2♂ | LC | - | Yes | No | P1 | BR; CO; ECU; VE | AM |
| **Coenagrionidae** |  |  |  |  |  |  |  |  |
| *Acanthagrion minutum*Leonard, 1977 | - | LC | LC | Yes | No | Koroiva et al., (2020) | AR; BR; CO; GY; PE; VE  | AM; ES; MG; MS; MT; PA; SE; SP |
| *Anomisma abnorme*McLachlan, 1877*\*\** | 1♂ | LC | - | Yes | No | P10 | BR; CO; ECU; PE; VE | AM; PA |
| *Argia appendiculata*Garrison & von Ellenrieder, 2015*\** | 4♂ | LC | - | Yes | No | P4; P10 | BR; CO; VE | AM |
| *Argia loutoni* Garrison & von Ellenrieder, 2015*\*\*\** | 7♂; 4♀ | LC | - | Yes | No | P1; P4; P5; P6; P8; P9 | BR; CO; ECU; PE; VE | AC; AM |
| *Epipleoneura fernandezi*Rácenis, 1960\* | 6♂ | DD | - | Yes | No | P5; P6; P6.1 | BR; VE; FG | AM |
| *Epipleoneura fuscaenea* Williamson, 1915 | 4♂ | LC | LC | No | No | P1; P2; P8; P9 | BR; GY; SU; VE | AM; PA |
| *Epipleoneura ocuene*De Marmels, 1989*\*\** | 10♂ | DD | - | No | No | P1; P5 | BR; VE | AM; PA |
| *Epipleoneura uncinata*De Marmels, 1989*\*\*\** | 2♂ | DD | LC | No | No | P1 | BR; VE | AM |
| *Inpabasis machadoi*Santos, 1961*\*\*\** | 1♀ | LC | LC | Yes | No | P4 | BR; VE | AM; PA; RO |
| *Ischnura capreolus*(Hagen, 1861) | - | LC | LC | Yes | Yes | Koroiva et al., (2020) | AR; BO; BR; CO; FG; GY; PY; PE; SR; VE  | AC; AL; AM; AP; BA; CE; ES; GO; MA; MG; MS; MT; PA; PB; PE; PI; RJ; RR; RS; SC; SE; SP |
| *Mecistogaster linearis*(Fabricius, 1777)\*\*\* | 2♀ | LC | LC | Yes | Yes | P6.1; P10 | BR; CO; ECU | AC; AM; AP; MS; PA; RO; RR; SP |
| *Mecistogaster lucretia*(Drury, 1773)\*\*\* | 1♂ | LC | LC | Yes | No | P10 | BR; ECU; FG; GY; PE; SR; VE | AM; AP; MT, PA |
| *Mesoleptobasis cantralli*Santos, 1961 | - | LC | LC | Yes | No | Koroiva et al., (2020) | BR; CO | AM; RO |
| *Microstigma rotundatum*Selys, 1860 | - | LC | LC | Yes | No | Koroiva et al., (2020) | BO; BR; CO; ECU; PE; VE | AC; AM; AP; PA; RO |
| *Neoneura luzmarina*De Marmels, 1989 | 4♂ | LC | LC | Yes | No | P1 | BR; VE | AM; MA; MT; PA; RR; RO |
| *Phasmoneura exigua*(Selys, 1886)*\*\*\** | 1♂ | LC | LC | Yes | No | P6 | BR; FG | AM; AP; MT; PA |
| *Psaironeura bifurcata*(Sjöstedt, 1918)\*\*\* | 1♂ | LC | LC | No | No | P9 | BR; ECU; PE; VE | AC; AM |
| *Telebasis sanguinalis*Calvert, 1909*\*\*\** | 7♂; 2♀ | LC | - | Yes | No | P7 | BO; BR | AM; MA; MS; MT; PA |
| *Tukanobasis corbeti*Machado, 2009 | - | DD | LC | No | No | Koroiva et al., (2020) | BR | AM |
| **Dicteriadidae** |  |  |  |  |  |  |  |  |
| *Heliocharis amazona*Selys, 1853*\*\*\** | 5♀ | LC | LC | Yes | Yes | P1; P10 | AR; BR; CO; ECU; GY; PE; PY; SR | AC; AM; AP; BA; ES; GO; MA; MG; MS; MT; PA; RO; SP |
| **Heteragrionidae** |  |  |  |  |  |  |  |  |
| *Dimeragrion baniwa* Mendoza-Penagos, Gonçalves & Vilela, 2023\* | 13♂; 3♀ | - | - | Yes | No | P1; P4; P5; P8; P10 | BR | AM |
| *Heteragrion bariai*De Marmels, 1989\*\*\* | 114♂; 6♀ | LC | LC | Yes | No | P1; P2; P4; P5; P6; P6.1; P8; P9; P10 | BR; CO; ECU; PE; VE | AC; AM; PA; RO |
| *Heteragrion chlorotaeniatum*De Marmels, 1989\* | 7♂ | LC | - | No | Yes | P8; P10 | BR; CO; PE; VE | AM |
| *Heteragrion icterops*Selys, 1862\*\*\* | 2♂ | LC | LC | Yes | No | P2 | BR | AM; MT; PA; RO |
| *Oxystigma cyanofrons*Williamson, 1919\*\*\* | 2♂ | LC | LC | Yes | Yes | P2 | BR; CO; FG; GY; SR; VE | AM; AP |
| **Megapodagrionidae** |  |  |  |  |  |  |  |  |
| *Megapodagrion megalopus*(Selys, 1862) | - | LC | LC | Yes | No | Koroiva et al., (2020) | BR; CO; ECU; PE; VE | AM; MT; PA; RO; SP |
| **Perilestidae** |  |  |  |  |  |  |  |  |
| *Perilestes jueni\** (Mendoza-Penagos & Vilela, 2022) | 1♂ | - | - | No | No | P8 | BR | AM |
| **Platystictidae** |  |  |  |  |  |  |  |  |
| *Palaemnema cf. peruviana*Ris, 1918\* | 3♂ | DD | - | No | No | P8 | BR; CO; PE | AM |
| **Polythoridae** |  |  |  |  |  |  |  |  |
| *Chalcopteryx scintillans* McLachlan, 1870 | 7♂; 1♀ | LC | LC | Yes | Yes | P2; P4; P10 | BR; CO; PE; VE | AM; MT; RO |
| **Anisoptera** |  |  |  |  |  |  |  |  |
| **Aeshnidae** |  |  |  |  |  |  |  |  |
| *Gynacantha litoralis*Williamson, 1923 | - | LC | LC | Yes | No | Koroiva et al., (2020) | BO; BR; CO; ECU; PE; SR; VE | AM; PA; RO |
| *Gynacantha membranalis*Karsch, 1891\*\*\* | 1♂ | LC | LC | Yes | Yes | P10 | BR; CO; ECU; FG; GY; PE; SR; VE | AM; AP; MT; PA; RO |
| *Staurophlebia reticulata* (Burmeister, 1839)\*\* | 1♂ | LC | LC | Yes | Yes | P9 | AR; BO; BR; CO; ECU; FG; GY; PY; PE; SR; UY; VE  | AC; AM; AP; MS; MT; PA; RJ; RS; SP  |
| *Triacanthagyna ditzleri* Williamson, 1923 | - | LC | LC | Yes | No | Koroiva et al., (2020) | BO; BR; CO; FG; PE; VE | AM; AP; RJ |
| **Gomphidae** |  |  |  |  |  |  |  |  |
| *Aphylla molossus*Selys, 1859\*\*\* | 2♀ | LC | LC | Yes | No | P5 | BR; CO; GY; VE | AM; MS; PA; RJ; RS |
| *Phyllogomphoides fuliginosus* (Hagen & Selys, 1854)\*\* | 12♂; 4♀ | LC | - | Yes | Yes | P1; P5; P7; P10 | BR; GY; SR; VE | AM; PA |
| *Phyllogomphoides major*Belle, 1984 | **-** | LC | LC | Yes | Yes | Koroiva et al., (2020) | BR; GY; SR; VE | AM |
| *Phyllogomphoides undulatus* (Needham, 1944) | **-** | LC | LC | Yes | Yes | Koroiva et al., (2020) | BR; FG; GY; SR | AM; AP; PA |
| *Progomphus tibialis*Belle, 1973 | **-** | DD | LC | No | No | Koroiva et al., (2020) | BR; SR | AM |
| *Progomphus racenisi*De Marmels, 1983*\** | 1♂ | LC | - | No | No | P2 | BR; VE | AM |
| *Zonophora nobilis*Belle, 1983 | **-** | DD | LC | No | No | Koroiva et al., (2020) | BR; VE | AM |
| *Zonophora supratriangularis* Schmidt, 1941\*\*\* | 1♂ | DD | LC  | Yes | No | P1 | BR; VE | AM |
| **Libellulidae** |  |  |  |  |  |  |  |  |
| *Diastatops estherae*Montgomery, 1940 | - | LC | LC | Yes | No | Koroiva et al., (2020) | BR; FG; VE | AM |
| *Diastatops nigra*Montgomery, 1940 | - | LC | LC | Yes | No | Koroiva et al., (2020) | BR; VE | AM; AP; MT; RO |
| *Elga leptostyla*Ris, 1909\*\*\* | 4♂ | LC | LC | Yes | Yes | P1 | BR; CO; FG; GY; SR; VE | AM; BA; ES; GO; MG; MT; PA; RJ; RO; SP |
| *Erythrodiplax castanea*(Burmeister, 1839)\*\*\* | 1♂ | LC | LC | Yes | No | P7 | AR; BO; BR; CO; ECU; GY; PY; PE; SR; VE | AM; BA; CE; ES; MA; MG; MS; MT; PA; RJ; RO; SC; SE; SP; TO |
| *Erythrodiplax fusca*(Rambur, 1842)\*\*\* | 4♂ | LC | LC | Yes | Yes | P4; P7 | AR; BO; BR; CO; ECU; FG; GY; PY; PE; SR; UY | AC; AL; AM; AP; BA; CE; ES; GO; MA; MG; MS; MT; PA; PE; PI; PR; RJ; RO; RR; RS; SC; SE; SP; TO |
| *Erythrodiplax lativittata*Borror, 1942 | 12♂ | LC | LC | Yes | No | P6; P7 | BR; CO; GY; PE; VE | AM; GO; MS; MT; PA; RO; RR; TO |
| *Erythrodiplax unimaculata*(De Geer, 1773)\*\*\* | 7♂ | LC | LC | No | No | P7 | AR; BO; BR; CO; ECU; FG; GY; PE; SR; VE | AM; AP; BA; MS; MT; PA; RO; SP |
| *Libellula herculea*Karsch, 1889\*\*\* | 1♂ | LC | LC | Yes | Yes | P5 | AR; BO; BR; CO; ECU; FG; GY; PE; SR; VE | AM; MS; PA; PR; RJ; RS |
| *Micrathyria atra*(Martin, 1897)\*\*\* | 2♂ | LC | LC | No | Yes | P7 | AR; BR; ECU; GY; PE; SR; VE | AC; AM; AP; BA; ES; MT; PA; PE; RJ |
| *Micrathyria catenata*Calvert, 1909\*\*\* | 6♂ | LC | LC | Yes | No | P7 | AR; BR; ECU; PE; SR; VE | AM; BA; ES; GO; MA; MG; MS; MT; PA; PE; PR; PI; RJ; RS; SC; SE; SP  |
| *Oligoclada abbreviata*(Rambur, 1842)\*\*\* | 1♂ | LC | LC | Yes | Yes | P5 | BR; FG; GY; PE; SR; VE | AM; BA; ES; MG; MT; PA; PE; RJ; RO; RR; SE; SP |
| *Oligoclada walkeri*Geijskes, 1931\*\*\* | 1♂ | LC | LC | Yes | No | P2 | BR; CO; ECU; GY; SR; VE | AC; AM; MT; PA; RO |
| *Perithemis lais*(Perty, 1834) | 1♂ | LC | LC | Yes | Yes | P7 | AR; BR; CO; ECU; FG; GY; PY; PE; SR; VE | AM; AP; BA; ES; GO; MA; MG; MS; MT; PA; PB; PE; PI; PR; RO; RR; SE; SP |
| *Perithemis thais*Kirby, 1889\*\*\* | 1♂ | LC | LC | Yes | Yes | P2 | AR; BO; CO; ECU; FG; GY; PE; SR; VE | AC; AL; AM; AP; BA; ES; MA; MS; MT; PA; RJ; RO; SP |
| *Tramea binotata*(Rambur, 1842)\*\*\* | 1♂ | LC | LC | Yes | Yes | P7 | AR; BR; CO; ECU; FG; PY; PE; SR; VE | AC; AM; AP; BA; ES; GO; MA; MG; MS; MT; PA; PE; PI; PR; RJ; SE; SP |
| *Uracis fastigiata*(Burmeister, 1839)\*\*\* | 2♂ | LC | LC | No | No | P6; P7 | BR; BO; CO; ECU; FG; GY; PE; SR | AC; AM; AP; BA; PA; PB; MA; MT; RR; RO; TO |
| *Uracis imbuta*(Burmeister, 1839) | 2♂ | LC | LC | No | No | P8; P9 | AR; BO; BR; CO; FG; GY; PE; SR; VE | AC; AL; AM; AP; BA; CE; DF; GO; MA; MT; PA; PB; PE; PI; PR; RO; RR; SE; SP; TO |
| *Uracis infumata*(Rambur, 1842)\*\*\* | 3♂ | LC | LC | No | No | P8; P9 | BR; CO; GY; PE; SR; VE | AC, AM, PA, MT, RO |
| *Uracis ovipositrix*Calvert, 1909 | 7♀ | LC | LC | Yes | No | P8; P10 | BR; SR | AM; AP; MS; MT; PA; RO; RR; RS; SP |
| *Zenithoptera fasciata*(Linnaeus, 1758) | 6♂ | LC | LC | No | No | P7; P10 | BR; CO; FG; GY; PE; SR; VE  | AC; AM; AP; BA; MS; MT; PA; PE; RO; RR |

\*\*\*New records to SGC; \*\*New records to Amazonas state; \*New records to Brazil; (-) No data. Acre - AC; Alagoas - AL; Amapá - AP; Amazonas - AM; Bahia - BA; Ceará - CE; Distrito Federal - DF; Espírito Santo - ES; Goiás - GO; Maranhão - MA; Mato Grosso - MT; Mato Grosso do Sul - MS; Minas Gerais - MG; Pará - PA; Paraíba - PB; Paraná - PR; Pernambuco - PE; Piauí - PI; Roraima - RR; Rondônia - RO; Rio de Janeiro - RJ; Rio Grande do Norte - RN; Rio Grande do Sul - RS; Santa Catarina - SC; São Paulo - SP; Sergipe - SE; Tocantins – TO; AR – Argentina; BO – Bolivia; BR – Brazil; CO – Colombia; ECU – Ecuador; FG – French Guiana; GY – Guyana; PE – Peru; PY – Paraguay; SR – Suriname; UY - Uruguay; VE – Venezuela.