

Supplementary Table 2. Species recorded at the Tatamá mountains, with the registered elevation range and classification due to the main habitat used.

Subo rder	Family	Species	Elevation (m)		Habitat
			Min	Max	
Aniso ptera	Aeshnidae	<i>Anax concolor</i> Brauer, 1865	140	1450	Open
		<i>Andaeschna occidentalis</i> Bota-Sierra, 2019*	1450	2550	Open
		<i>Coryphaeschna adnexa</i> (Hagen, 1861)	140	1450	Open
		<i>Gynacantha membranalis</i> Karsch, 1891	140	750	Forest
		<i>Gynacantha nervosa</i> Rambur, 1842	140	500	Open
		<i>Remartinia luteipennis</i> (Burmeister, 1839)	140	1500	Open
		<i>Rhionaeschna cornigera</i> (Brauer, 1865)	1000	2000	Open
		<i>Rhionaeschna joannisi</i> (Martin, 1897)	2000	2550	Forest
		<i>Rhionaeschna marchalli</i> (Rambur, 1842)	2000	2550	Open
		<i>Triacanthagyna dentata</i> (Geijskes, 1943)	140	400	Forest

	<i>Triacanthagyna septima</i> (Selys, 1857)	140	750	Forest
Corduliidae	<i>Neocordulia batesi</i> (Selys, 1871)	140	1450	Forest
Gomphidae	<i>Aphylla tenuis</i> Selys, 1859	140	350	Open
	<i>Progomphus phyllochromus</i> Ris, 1918	550	1600	Forest
	<i>Epigomphus pechumani</i> Belle, 1970*	400	1400	Forest
	<i>Phyllogomphoides</i> sp.	300	450	Forest
Libellulidae	<i>Brechmorhoga praecox</i> (Hagen, 1861)	140	350	Open
	<i>Brechmorhoga rapax</i> Calvert, 1898	450	1700	Forest
	<i>Brechmorhoga vivax</i> Calvert, 1906	550	1500	Open
	<i>Cannaphila mortoni</i> Donnelly, 1992^	140	350	Forest
	<i>Cannaphila vibex</i> (Hagen, 1861)	400	1600	Open
	<i>Dythemis nigra</i> Martin, 1897	140	700	Open
	<i>Dythemis sterilis</i> Hagen, 1861	140	700	Open
	<i>Elasmothemis cannaecioides</i> (Calvert, 1906)	140	650	Forest

	<i>Erythemis plebeja</i> (Burmeister, 1839)	140	400	Open
	<i>Erythemis vesiculosa</i> (Fabricius, 1775)	140	400	Open
	<i>Erythrodiplax abjecta</i> (Rambur, 1842)	1350	2550	Open
	<i>Erythrodiplax andagoya</i> Borrer, 1942	140	400	Open
	<i>Erythrodiplax castanea</i> (Burmeister, 1839)	140	400	Open
	<i>Erythrodiplax fusca</i> (Rambur, 1842)	140	1450	Open
	<i>Erythrodiplax ines</i> Ris, 1911	1300	1400	Open
	<i>Erythrodiplax umbrata</i> (Linnaeus, 1758)	140	1450	Open
	<i>Idiataphe cubensis</i> (Scudder, 1866)	140	150	Open
	<i>Libellula herculea</i> Karsch, 1889	400	1750	Forest
	<i>Macrothemis fallax</i> May, 1998	140	400	Open
	<i>Macrothemis hahneli</i> Ris, 1913	1300	1600	Open
	<i>Macrothemis inequiunguis</i> Calvert, 1895	300	400	Forest
	<i>Macrothemis musiva</i> Calvert, 1898	300	550	Open

	<i>Macrothemis pseudimitans</i> Calvert, 1898	140	500	Open
	<i>Miathyria simplex</i> (Rambur, 1842)	140	400	Open
	<i>Micrathyria caerulystila</i> Donnelly, 1992^	140	450	Open
	<i>Micrathyria ocellata</i> Martin, 1897	140	400	Open
	<i>Micrathyria pseudeximia</i> Westfall, 1992	140	150	Open
	<i>Micrathyria sympriona</i> Tennessee, 2000	1300	1450	Forest
	<i>Micrathyria cf. spinifera</i>	140	400	Forest
	<i>Nephepeltia phryne</i> (Perty, 1834)	140	400	Open
	<i>Oligoclada heliophila</i> Borrer, 1931	140	350	Forest
	<i>Oligoclada umbricola</i> Borrer, 1931	140	150	Forest
	<i>Orthemis cultriformis</i> Calvert, 1899	140	400	Forest
	<i>Orthemis discolor</i> (Burmeister, 1839)	140	1500	Open
	<i>Orthemis</i> sp. nov.*	140	150	Forest

		<i>Orthemis sulphurata</i> Hagen, 1868	140	450	Open
		<i>Pantala flavescens</i> (Fabricius, 1798)	140	1600	Open
		<i>Perithemis tenera</i> (Say, 1840)	140	1450	Open
		<i>Perithemis domitia</i> (Drury, 1773)	140	400	Forest
		<i>Rhodopygia hinei</i> Calvert, 1907	140	400	Open
		<i>Tholymis citrina</i> Hagen, 1867	140	1450	Forest
		<i>Tramea abdominalis</i> (Rambur, 1842)	140	1450	Open
		<i>Tramea binotata</i> (Rambur, 1842)	140	1450	Open
		<i>Tramea darwini</i> Kirby, 1889	140	1450	Open
		<i>Uracis imbuta</i> (Burmeister, 1839)	140	500	Open
		<i>Uracis cf. fastigiata</i>	140	150	Forest
		<i>Zenithoptera fasciata</i> (Linnaeus, 1758)	140	150	Forest
	Synthemistidae	<i>Gomphomacromia fallax</i> McLachlan, 1881	2000	2500	Open
Zygoptera	Calopterygidae	<i>Hetaerina aurora</i> Ris, 1918	1100	1700	Forest
		<i>Hetaerina caja</i> (Drury, 1773)	300	400	Forest

	<i>Hetaerina capitalis</i> Selys, 1873	400	1700	Forest
	<i>Hetaerina cruentata</i> (Rambur, 1842)	1300	1450	Open
	<i>Hetaerina miniata</i> Selys, 1879	140	350	Forest
	<i>Hetaerina occisa</i> Hagen, 1865	300	650	Open
Coenagrionidae	<i>Acanthagrion trilobatum</i> Leonard, 1977	140	500	Open
	<i>Argia adamsi</i> Calvert, 1902	140	150	Forest
	<i>Argia cupraurea</i> Calvert, 1902	140	600	Open
	<i>Argia fulgida</i> Navás, 1934 [^]	140	650	Forest
	<i>Argia indicatrix</i> Calvert, 1902	140	1450	Open
	<i>Argia jocosa</i> Hagen, 1865	140	650	Open
	<i>Argia mauffrayi</i> Garrison & Ramón-Cabrera, 2019 [^]	600	700	Forest
	<i>Argia medullaris</i> Hagen, 1865	1200	2550	Open
	<i>Argia oculata</i> Hagen, 1865	140	1400	Forest
	<i>Argia pulla</i> Hagen, 1865	140	500	Open
	<i>Argia talamanca</i> Calvert, 1907	140	650	Forest
	<i>Argia translata</i> Hagen, 1865	140	450	Open
	<i>Argia variegata</i> Forster, 1914	1150	1650	Open

	<i>Argia sp.</i>	300	350	Forest
	<i>Ischnura capreolus</i> (Hagen, 1861)	140	150	Open
	<i>Ischnura hastata</i> (Say, 1840)	140	150	Open
	<i>Ischnura ramburii</i> (Selys, 1850)	140	1450	Open
	<i>Dactylobasis demarmelsi</i> Pérez-Gutiérrez, 2019*	140	150	Forest
	<i>Oreiallagma oreas</i> (Ris, 1918)^	1600	2550	Forest
	<i>Telebasis boomsmae</i> Garrison. 1994	350	400	Forest
	<i>Telebasis sp nov 1*</i>	300	450	Forest
	<i>Telebasis sp nov 2*</i>	140	150	Open
	<i>Megaloprepus caerulatus</i> (Drury,1782)	140	1700	Forest
	<i>Mecistogaster linearis</i> (Fabricius, 1776)	140	700	Forest
	<i>Protoneura macintyreii</i> Kennedy, 1939^	140	150	Forest
	<i>Psaironeura angeloi</i> Tennessen, 2016	140	450	Forest
Heteragrionidae	<i>Heteragrion aequatoriale</i> Selys, 1886^	1100	1600	Forest

	<i>Heteragrion calendulum</i> Williamson, 1919 [^]	450	650	Forest
	<i>Heteragrion erythrogastrum</i> Selys, 1886	140	150	Forest
	<i>Heteragrion mitratum</i> <i>atroterminatum</i> Donnelly, 1992 [^]	500	700	Forest
	<i>Heteragrion peregrinum</i> Williamson, 1919 [*]	450	500	Forest
	<i>Heteragrion tatama</i> Bota- Sierra & Novelo-Gutiérrez, 2017 [*]	1350	1700	Forest
<i>Incertae sedis</i>	<i>Heteropodagrion superbum</i> Ris, 1918 [^]	1300	2500	Forest
Lestidae	<i>Archilestes chocoanus</i> Pérez- Gutiérrez, 2012 [*]	140	400	Forest
	<i>Lestes forficula</i> Rambur, 1842	1300	1400	Open
Megapodagrionid ae	<i>Teinopodagrion croizati</i> De Marmels, 2002 [^]	300	1500	Forest
Philogeniidae	<i>Archaeopodagrion recurvatum</i> Amaya-Vallejo, Bota-Sierra, Novelo-Gutiérrez & Sánchez- Herrera, 2021 [*]	600	650	Forest
	<i>Archaeopodagrion fernandoi</i> Bota-Sierra, 2017 [*]	1300	1700	Forest
	<i>Philogenia ebona</i> Dunkle, 1986 [*]	140	150	Forest

	<i>Philogenia martae</i> Bota-Sierra, 2017*	400	1300	Forest
Platystictidae	<i>Palaemnema sp.</i>	140	150	Forest
	<i>Palaemnema brucei</i> Kennedy, 1938^	1100	1700	Forest
	<i>Palaemnema cf. melanocauda</i>	1100	1650	Forest
	<i>Palaemnema clementia</i> Selys, 1886	140	350	Forest
Polythoridae	<i>Cora inca</i> Selys, 1873	1400	2350	Forest
	<i>Cora klenei</i> Karsch, 1891^	1400	2000	Forest
	<i>Cora verapax</i> Bota-Sierra, Sánchez-Herrera & Palacino-Rodríguez, 2018*	1400	1450	Forest
	<i>Euthore fassli</i> Ris, 1914*	2300	2400	Forest
	<i>Miocora aurea</i> (Ris, 1918)*	400	1700	Forest
	<i>Miocora sp.</i>	300	350	Forest
	<i>Polythore gigantea</i> (Selys, 1853)	1300	2000	Forest

*Colombian endemic; ^Biogeographic Choco or western Colombian and Ecuadorian Andes endemic; bold type is used to show the species which taxonomic identification is not clear.

