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**Diagnoses and discussion of the group 1 and 2 Brazilian species
of *Heteragrion*, with descriptions of four new species
(Odonata: Megapodagrionidae)**

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Abstract

Heteragrion is the most speciose and complex genus of neotropical Megapodagrionidae, with 47 species and one subspecies, and many of them are poorly defined. To improve the knowledge of the Brazilian species of the genus, 179 specimens of 13 of the 17 described species were examined. Four new species are described in tribute to the 40th anniversary of the rock band Queen: *Heteragrion freddiemercuryi* (Holotype: Peruíbe (24° 22' 48" S & 47° 04' 40" W—10 m), São Paulo State—09-III-2000); *H. brianmayi* (Holotype and allotype: Parque Estadual da Serra do Mar—Núcleo Caraguatatuba, Caraguatatuba (23° 35' 36" S & 45° 25' 07" W—61 m), São Paulo State—05-II-2000 and 10-III-2002); *H. rogertaylori* (Holotype and allotype: Fazenda Trabiju, Pindamonhangaba (22° 50' 40" S & 45° 31' 01" W—651 m), São Paulo State—26-III-1999); and *H. johndeaconi* (Holotype and allotype: Alto Paraíso de Goiás (14° 10' 55" S & 47° 38' 36" W—1198 m), Goiás State—18-VI-2008 and 17-VI-2008), holotypes, allotypes and most paratypes deposited in FAAL.

Diagnostic illustrations of all species studied are provided. Color photographs of live individuals of *H. brianmayi*, *H. aurantiacum*, *H. consors*, *H. mantiqueirae*, *H. tiradentense* and *H. triangulare* are also presented.

Key words: Odonata, dragonfly, new species, *Heteragrion*, Brazil

Resumo

Heteragrion é o gênero mais diverso e complexo dos Megapodagrionidae neotropicais, com 47 espécies e uma subespécie, sendo muitas delas difíceis de definir. Para melhorar o conhecimento das espécies brasileiras do gênero, analisei 179 espécimes de 13 das 17 espécies descritas.

Quatro novas espécies de *Heteragrion* são descritas em homenagem ao 40^o aniversário da banda de rock Queen, *Heteragrion freddiemercuryi* (Holótipo: Peruíbe (24° 22' 48" S e 47° 04' 40" W—10 m), Estado de São Paulo—09-III-2000); *H. brianmayi* (Holótipo e alótipo: Parque Estadual da Serra do Mar—Núcleo Caraguatatuba, Caraguatatuba (23°