

SOUTH AMERICAN COCCINELLIDAE (COLEOPTERA), PART VI: A SYSTEMATIC REVISION OF THE SOUTH AMERICAN DIOMINI, NEW TRIBE (SCYMNINAE)

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Abstract.— Diomini, new tribe, is erected to contain *Diomus* Mulsant, 1850, *Decadiomus* Chapin, 1933, *Heterodiomus* Brèthes 1925, *Magnodiomus* **gen. nov.**, and *Erratodiomus* **gen. nov.** *Diomus apparitorius* Weise and *Diomus marchali* Brèthes are placed in *Heterodiomus*; *Diomus locuples* Brèthes and *Heterodiomus tetraspilatus* Brèthes are junior synonyms of *H. apparitorius*. *Scymnus* (*Scymnus*) *fonscolombii* Mulsant, *Scymnus politus* Schaufuss, *Scymnus pusillus* Berg, and *Pullus caseyi* Brèthes are transferred to *Diomus*. *Diomus assentator* Brèthes is a junior synonym of *D. tucumanus* Weise, and *Diomus messorius* Brèthes is a junior synonym of *D. pusillus* (Berg). *Scymnus* (*Diomus*) *morio* Mulsant. *Scymnus* (*Diomus*) *tardus* Mulsant, *Scymnus* (*Pullus*) *viaticus* Mulsant, *Diomus brasiliensis* Brèthes, *Diomus brasilicola* Brèthes, *Diomus gilvipes* Mulsant, *Diomus viator* Brèthes, *Diomus profectus* Brèthes, and *Diomus opportunus* Brèthes are junior synonyms of *Diomus seminulus* (Mulsant). Newly described are one species of *Magnodiomus*, one species of *Erratodiomus*, two species of *Heterodiomus*, and 30 species of *Diomus*.

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Key words.— Biology, Diomini, taxonomy, South America.