



Zootaxa 3531: 1–95 (2012)
www.mapress.com/zootaxa/

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ISSN 1175-5326 (print edition)

ZOOTAXA

ISSN 1175-5334 (online edition)

Monograph

urn:lsid:zoobank.org:pub:C1FA90AF-1C31-45D6-9CB6-C7D3058E501C

ZOOTAXA

3531

A revision of *Epimetopus* Lacordaire, the New World hooded shore beetles (Coleoptera: Epimetopidae)

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Magnolia Press
Auckland, New Zealand

Accepted by F. Shockley: 17 Sept. 2012; published: 30 Oct. 2012

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(*Zootaxa* 3531)

95 pp.; 30 cm.

30 Oct 2012

ISBN 978-1-77557-030-1 (paperback)

ISBN 978-1-77557-031-8 (Online edition)

FIRST PUBLISHED IN 2012 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: zootaxa@mapress.com

<http://www.mapress.com/zootaxa/>

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ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

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Abstract

The New World genus *Epimetopus* Lacordaire, 1854, is revised, based on the examination and databasing of 2,470 specimens. New collection records are provided for 15 previously described species, and 36 new species are described. The *Epimetopus* fauna now comprises 56 species, of which 37 are restricted to South America, 17 are only found north of South America, and only two species are known from both areas. *Epimetopus* ranges from Argentina to Arizona and Arkansas, but there are no records from the Amazon basin. The genus is divided into seven species groups, five of which are newly delineated. High resolution digital images of all primary types are presented (online versions in color), geographic distributions of all species are mapped, and male genitalia of primary types are illustrated. The morphology of the underside of the pronotal hood is described and illustrated for the first time. One new synonymy is proposed, placing *E. leechi* Rocha as a junior synonym of *E. balfourbrowni* Rocha. New species of *Epimetopus* are: *E. acuminatus* (Guatemala: El Progreso, km. 69 on C. A. 9); *E. angustus* (Ecuador: Napo, Tena); *E. arcuatus* (Paraguay: Dep. Concepcion, Arroyo Toro Paso, Unterlauf); *E. arizonicus* (USA: Arizona, Pajarito Mts., Sycamore Canyon); *E. ballatoris* (Venezuela: Tachira State, El Tama National Park); *E. bifidus* (Mexico: Oaxaca, Tapanatepec, 8 mi. W Oaxaca); *E. clandestinus* (Brazil: Mato Grosso, Caceres); *E. clypeatus* (Guyana: Region 8, Iwokrama Forest, 1 km W Kurupukan); *E. coleuncus* (Argentina: Tucuman, Departamento de Burruyacu, Rio Salas); *E. deceptus* (Brazil: Mato Grosso, Caceres); *E. ecuadorensis* (Ecuador: Napo, 17 km SW Tena); *E. fimbriatus* (Brazil: Mato Grosso, São Felix); *E. inaequalis* (Ecuador: Napo, Tena); *E. lanceolatulus* (Brazil: Mato Grosso, Caceres); *E. lanceolatus* (Brazil: Mato Grosso, Caceres); *E. latilobus* (Costa Rica: Puntarenas, Monteverde area); *E. latisoides* (Panama: Canal Zone, 12.0 mi NW Gamboa); *E. latus* (Colombia: Cesar, Pueblo Bello, Sierra de Santa Marta); *E. lobilatus* (Costa Rica: Limon, Reventazon, Hamburg Farm); *E. microporus* (Panama: Panama Province, Rio Mamoni at PanAm Hwy); *E. mucronatus* (Honduras: Rio Humuya NW Comayagua); *E. multiportus* (Uruguay: 90 km SW Artigas); *E. oaxacus* (Mexico: Oaxaca, Tapanatepec, 8 mi. W Oaxaca); *E. peruvianus* (Peru: Ayacucho, La Mar, Santa Rosa); *E. plicatus* (Venezuela: Tachira State, El Tama National Park); *E. rectus* (Costa Rica: Heredia, OTS La Selva Field Sta., Puerto Viejo de Sarapique, Rio Puerto Viejo); *E. robustus* (Panama: Canal Zone, 4.1 mi NW Gamboa, Rio Frijoles); *E. spatulus* (Peru: Madre de Dios, Pantiacolla Lodge, Monk Saki Trail, Alto Madre de Dios River); *E. steineri* (Ecuador: Napo, Tena); *surinamensis* (Suriname: Sipaliwini District, Camp 3, Wehepai); *E. transversoides* (Peru: Madre de Dios, Pantiacolla Lodge, Monk Saki Trail, Alto Madre de Dios River); *E. transversus* (Bolivia: La Paz, Alcoche); *E. tridens* (Brazil: Sao Paulo, Campos do Jordão, Parque do Estado Rio Galharada); *E. trilobus* (Venezuela: Bolivar, Los Pijiguaos); *E. venezuelensis* (Venezuela: Apure State, ca. 1 km N. Rio Claro); *E. vulpinus* (Brazil: Rio Grande do Sul, Pelotas).

Key words: Coleoptera, Epimetopidae, *Epimetopus* Lacordaire, new species, South America, Central America, semiaquatic insects, holotype digital images