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**A NEW *FUSTIGER* LECONTE, 1866 SPECIES FROM  
FRENCH GUIANA (COLEOPTERA: STAPHYLINIDAE:  
PSELAPHINAE: CLAVIGERITAE)**

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**ABSTRACT:** The species *Fustiger lenoiri* sp. nov. from French Guiana is described, illustrated and compared with related species. A table of *Fustiger* species and their known ant hosts recorded from Neotropical Region is presented.

**KEY WORDS:** Taxonomy, new species, Coleoptera, Staphylinidae, Pselaphinae, Fustigerini, *Fustiger*, French Guiana

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The genus *Fustiger* LeConte, 1866 belongs to the subfamily Pselaphinae, supertribe Clavigeritae and tribe Fustigerini. The genus currently contains 31 species known from Mexico and Neotropical Region (Park et al., 1976; Newton & Chandler, 1989). In the article is described a new species collected by French entomologists in French Guiana from a nest with two ant species (*Camponotus femoratus* and *Crematogaster* sp.) in a Bromeliacea plant.

### MATERIAL AND METHODS

Terminology follows Besuchet & Hlaváč (2011) and Hlaváč & Nakládal (2018).

Type depository:

JHAC Private Entomological Laboratory & Collection, Jiří Háva, Prague-west, Czech Republic;

MNHN Muséum National d'histoire Naturelle, Paris, France.

Specimens of the presently described species are provided with red, printed label with the text as follows: "HOLOTYPE [or PARATYPE] *Fustiger lenoiri* sp. nov. Jiří Háva det. 2023".

### DESCRIPTION

**Family Staphylinidae  
Subfamily Pselaphinae  
Supertribe Clavigeritae  
Tribe Fustigerini**

**Genus *Fustiger* LeConte, 1866**

**Type species:** *Articerus braziliensis* Westwood, 1856, designated by Newton & Chandler (1989).

***Fustiger lenoiri* sp. nov.**

(Figs. 1-6)

**Type locality.** French Guiana, Regina , 04°13'00.2" N 52°07'16.3" W.

**Type material.** Holotype (♂): French Guiana, Regina, 04°13'00.2" N 52°07'16.3" W, 50 m, 11.2.2015, A. Lenoir lgt., (MNHN). Paratypes (13 spec.): the same data as holotype, (JHAC).

**Description.** Body (Figs. 1-2), brown, shining, with yellow setation, length 2.7 mm, maximum width of elytra 1.2 mm.

Head dark brown, length 0.4 mm, width 0.2 mm, coarsely punctured with yellow setation, palpi brown with short yellow setation. Antennae with terminal antennomere 0.6 mm long. Eyes large with short, yellow microsetation.

Pronotum dark brown, length 0.5 mm, width 0.5 mm, coarsely punctured, shining with discal, longitudinal groove, covered by yellow setation.

Elytra brown, length 0.8 mm, width 1.2 mm, finely punctured, covered by yellow setation, with short oblique striae meeting at the sutural corners at base.

Mesosternum shining, with long and narrow median, longitudinal strip of yellow setation, finely punctured.

Abdomen with only the composite tergite visible dorsally, with large basal depression reaching apical third of composite tergite; composite tergite bearing four groups of trichomes as follows: first group of trichomes narrow, situated on extension of pleurite I, second narrow group of trichomes is located close to first one, a large triangular group of trichomes in depth and a perpendicular group of trichomes located at posterior margin of composite tergite.

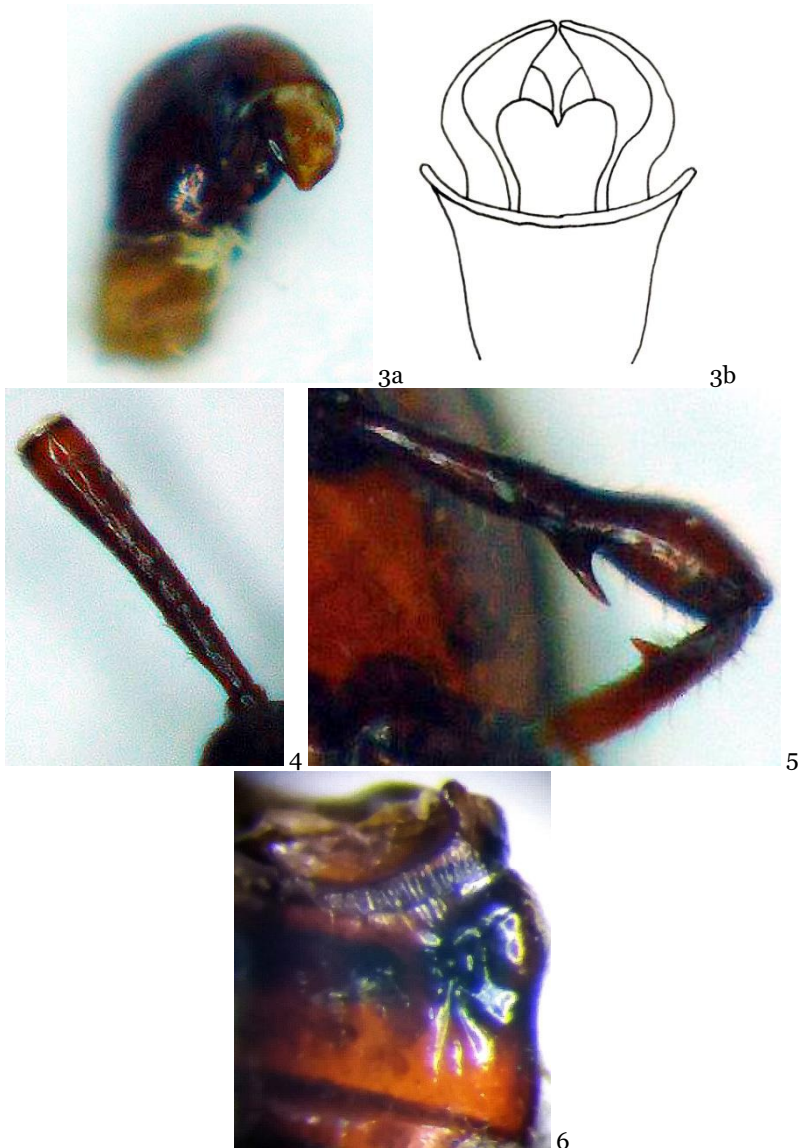
Mesotibiae and mesofemora brown with black areas, covered by short, yellow setae, with well-defined spines (Fig. 5).

Aedeagus as in Figs. 3a-3b, 0.7 mm long.



1

2



Figures 1-5. *Fustiger lenoiri* sp. nov.: 1- habitus, dorsal aspect; 2- habitus, ventral aspect; 3- male genitalia; 4- male antenna; 5- spines on meso-femur and meso-tibia; 6- lateral part of first visible abdominal ventrite.

**Variability.** Body length 2.7-2.9 mm.

**Differential diagnosis.** The new species belong to the genus *Fustiger* according to following characters: third antennomere entire distally, with no suture. The new species differs from all known species by the structure of the antennae (Fig. 4), male genitalia (Fig. 3) and spines on mesofemur and mesotibia.

**Host ant.** The beetles were inside a nest with two ant species (*Camponotus femoratus* and *Crematogaster* sp.), in a Bromeliacea plant A. Lenoir (pers. comm.).

**Etymology.** Dedicated to my very good friend and collector of the new species Alain Lenoir (France).

TABLE OF KNOWN *FUSTIGER* AND *NEOFUSTIGER* SPECIES RECORDED FROM NEOTROPICAL REGION

genus	species	Author and year	type localiy	distribution	host ant
<i>Fustiger</i>	<i>amazonicus</i>	Westwood, 1869	Amazonia sup.	Brazil (Amazonia)	
<i>Fustiger</i>	<i>barroi</i>	Bierig, 1945	Cuba	Cuba	
<i>Fustiger</i>	<i>baudriti</i>	Bierig, 1945	Costa Rica. Caldera	Costa Rica	
<i>Fustiger</i>	<i>brasiliensis</i>	Westwood, 1856	Brasilia, Nova Friburga	Brazil	
<i>Fustiger</i>	<i>clavipilis</i>	Mann, 1921	Lombardia, Honduras	Honduras	<i>Wasmannia auropunctata</i>
<i>Fustiger</i>	<i>cornicen</i>	Reichensperger, 1933	Salvadora-Farm, Parisminafluss, Costa Rica	Costa Rica	<i>Ponera</i>
<i>Fustiger</i>	<i>elegans</i>	Raffray, 1908	[Buenos Aires prov.]	Argentina	
<i>Fustiger</i>	<i>fauveli</i>	Raffray, 1898	Bolivie, tribu des Yuracaris	Bolivia	
<i>Fustiger</i>	<i>festivus</i>	Schaufuss, 1880	flumen Amazon	Brazil	
<i>Fustiger</i>	<i>frater</i>	Bierig, 1945	Costa Rica. Alajuela, O de la Maseta Central, 900-1000m	Costa Rica	
<i>Fustiger</i>	<i>gounellei</i>	Raffray, 1909	Brésil: Nouveau-Fribourg	Brazil	
<i>Fustiger</i>	<i>haytiana</i>	Mann, 1915	Diquini, Hayti	Haiti	<i>Aphaenogaster relictata</i>
<i>Fustiger</i>	<i>henrici</i>	Reichensperger, 1933	bei San José, Costa Rica	Costa Rica	<i>Pheidole innupta</i>
<i>Fustiger</i>	<i>hetschkoi</i>	Reitter, 1888		Brazil	
<i>Fustiger</i>	<i>insignis</i>	Reichensperger, 1931	Vara Blanca, 2000m, zwischen Barba und Poas	Costa Rica	<i>Pheidole</i> sp.
<i>Fustiger</i>	<i>jamaicaensis</i>	Park, 1976	Hardwar Gap, Jamaica	Jamaica	
<i>Fustiger</i>	<i>lenoiri</i>	Háva, <b>sp. nov.</b>	Fr. Guiana, Regina	Fr. Guiana	<i>Camponotus femoratus</i> , <i>Crematogaster</i> sp.
<i>Fustiger</i>	<i>luteorofus</i>	Bierig, 1945	Costa Rica. Azahar (Sabanilla de Alajuela),	Costa Rica	

<b>Fustiger</b>	<i>microlophus</i>	Bierig, 1945	1300m de altura en las faldas de los volcanes Poás y Barba Azahar (Sabanilla de Alajuela), Maseta Central	Costa Rica	
<b>Fustiger</b>	<i>nitidus</i>	Bryant, 1915	Brazil, Alto da Serra, Saõ Paulo, 2500 ft.	Brazil	
<b>Fustiger</b>	<i>oglobini</i>	Bruch, 1931	Loreto, Misiones, Argentina	Argentina	<i>Paratrechina (N.) silvestrii</i>
<b>Fustiger</b>	<i>recticornis</i>	Bierig, 1945	Costa Rica. Ceiba Abajo, S de la Maseta Central, 1500m	Costa Rica	
<b>Fustiger</b>	<i>reichenspergeri</i>	Bierig, 1945	Costa Rica. Ceiba Abajo, Cerros de Bustamante, 1000m	Costa Rica	
<b>Fustiger</b>	<i>reitteri</i>	Wasmann, 1893	Blumenau (S. Catherina, Brasil)	Brazil	<i>Brachymyrmex coactus</i>
<b>Fustiger</b>	<i>schmidti</i>	Reichensperger, 1931	Vara Blanca, 2000m, zwischen Barba und Poas	Costa Rica	<i>Pheidole sp.</i>
<b>Fustiger</b>	<i>schwarzi</i>	Mann, 1918	Cayamas, Cuba	Cuba	
<b>Fustiger</b>	<i>smithi</i>	Raffray, 1905	St. Vincent	St. Vincent	
<b>Fustiger</b>	<i>stricticornis</i>	Reitter, 1883	St. Thomas	Cuba, Virgin Is. (St. Thomas)	
<b>Fustiger</b>	<i>substriatus</i>	Bierig, 1945	Costa Rica. Pendiente N de la Carpintera, 1600m	Costa Rica	
<b>Fustiger</b>	<i>sulciceps</i>	Bierig, 1945	Costa Rica. Azahar (Sabanilla de Alajuela)	Costa Rica	
<b>Fustiger</b>	<i>testudineus</i>	Schaufuss, 1882	Pozuzu	Peru (Huánuco)	
<b>Fustiger</b>	<i>veracruzensis</i>	Park, 1942	Las Vigas, 5500 ft., Veracruz, Mexico	Mexico	<i>Cremastogastrine ant</i>
<b>Neofustiger</b>	<i>cochlearis</i>	Bruch, 1929	Loreto, Misiones, Argentina	Argentina	<i>Paratrechina (Nylanderia) fulva v. fumata</i>

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