Two new species of *Novantinoe* (Disteniini, Disteniidae), two new species of *Eurysthea* (Elaphidiini, Cerambycinae, Cerambycidae), and new geographical records

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**Abstract.** Two new species of *Novantinoe* from Mexico, *N. oaxaquena* and *N. fabiolae*; and two new species of *Eurysthea*, *E. nogueirai*, from Mexico, and *E. nakagomei* from Colombia are described. Furthermore, geographical distributions of three species are expanded.

**Key-Words.** *Cerambycoidea; Colombia; Mexico; Taxonomy.*

**INTRODUCTION**

The families Cerambycidae and Disteniidae, together with Oxyptelidae and Vesperidae comprise the informal clade called *Cerambycoidea*, which with Megalopodidae, Orsodacnidae and Chrysomelidae represent the Chrysomeloidea superfamily (Švácha & Lawrence, 2014). Currently, the family Cerambycidae comprises eight subfamilies and about 38,000 species and the family Disteniidae four tribes and about 400 species (Švácha & Lawrence, 2014; Tavakilian & Chevillotte, 2018).

The genus *Novantinoe*, allocated in the family Disteniidae, was proposed by Thomson (1864) under the name *Antinoe*, and subsequently synonymized by Lacordaire (1869) with *Distenia* Lepeletier & Audinet-Serville, 1828. Santos-Silva & Hovore (2007a) revalidated the genus to accommodate species previously assigned in *Distenia* and because the name *Antinoe* Thomson, 1864 was preoccupied by *Antinoe* Kinberg, 1856 (Annelidae, Polychaeta, Polynoidae, Harmothoinae) the authors proposed the nomen novum *Novantinoe*. Santos-Silva & Hovore (2007a) revised the entire genus, and Santos-Silva & Martins (2010) revised the South American species. Currently, the genus encompasses 37 described species, distributed from southern Mexico to southern South America, of which there are five with geographical distribution recorded from Mexico (Monné, 2018; Tavakilian & Chevillotte, 2018).

Into the family Cerambycidae, *Eurysthea* was described by Thomson (1860) and, recently, it was revised by Botero & Santos-Silva (2017). Currently, this genus is composed of 23 species distributed mainly in South America, with only one of them occurring also in Central America, *E. cribripennis* Bates, 1885. From Mexico there is not any species of *Eurysthea* reported; in Colombia there are currently six reported species (Monné, 2018; Tavakilian & Chevillotte, 2018).

**MATERIAL AND METHODS**

Photographs were taken with a Canon EOS Rebel T3i DSLR camera, Canon MP-E 65 mm f/2.8 1-5X macro lens, controlled by Zerene Stacker AutoMontage software. Measurements were taken in “mm” using measuring ocular Hensoldt/Wetzlar – Mess 10 in the Leica MZ6 stereomicroscope, also used in the study of the specimens. The references and geographical distribution were consulted at Monné (2018), and Tavakilian & Chevillotte (2018) catalogs. The acronyms used in the text are as follows:

**CNIN:** Colección Nacional de Insectos, Instituto de Biología (UNAM), Mexico City, Mexico;
**DHCO:** Daniel Heffern Collection, Houston, Texas, USA;
**MZSP:** Museu de Zoologia, Universidade de São Paulo, São Paulo, Brazil.
RESULTS

Disteniidae

Disteniini

Novantiose oaxaquena

Botero, Heffern & Santos-Silva, new species

(Figs. 1-4)

Description: Male: Integument mostly brownish, slightly darker on some areas; mouthparts, apex of antennal tubercles, yellowish-brown; pedicle yellowish-brown basally; antennomeres III-X reddish-brown on basal ⅔ (more yellowish-brown depending on intensity of light), gradually darkened on distal quarter, especially on III-VII; prosternal process gradually reddish-brown toward apex; elytra reddish-brown on anterior third, gradually yellowish-brown toward apex, except dark brown triangular area on anterior sixth around scutellum, oblique dark brown band dorsally, from about apex of anterior quarter to before middle (together V-shaped), slightly distinct, irregular brown macula dorsally after middle, and dark brown punctures on anterior ⅔; femora reddish-brown, slightly darkened toward apex; tibiae with basal dark reddish-brown ring, reddish-brown (more yellowish-brown depending on intensity of light) on wide central area, and slightly, gradually darkened toward apex; tarsi reddish-brown except blackish apex of claws. Pubescence somewhat golden; erect setae pale yellow.

Head: Frons narrow, vertical; pubescence not obscuring integument. Antennal tubercles elevated, close to each other, separated by deep sulcus, with apex rounded; antennomeres III-X reddish-brown on basal ⅔ (more yellowish-brown depending on intensity of light), gradually darkened on distal quarter, especially on III-VII; prosternal process gradually reddish-brown toward apex; elytra reddish-brown on anterior third, gradually yellowish-brown toward apex, except dark brown triangular area on anterior sixth around scutellum, oblique dark brown band dorsally, from about apex of anterior quarter to before middle (together V-shaped), slightly distinct, irregular brown macula dorsally after middle, and dark brown punctures on anterior ⅔; femora reddish-brown, slightly darkened toward apex; tibiae with basal dark reddish-brown ring, reddish-brown (more yellowish-brown depending on intensity of light) on wide central area, and slightly, gradually darkened toward apex; tarsi reddish-brown except blackish apex of claws. Pubescence somewhat golden; erect setae pale yellow.

Thorax: Prothorax 1.45 times wider than long (including lateral tubercles); lateral tubercles large, conical, placed at middle; anterior margin slightly narrower than posterior one. Pronotum with five distinct tubercles: one on each side of anterior half, nearly conical, higher than the others; one on each side of posterior half; another centrally, subelliptical, slightly rugose longitudinally. Pronotal pubescence abundant, not obscuring integument, except on glabrous central tubercle and top of lateral tubercles of disc; anterior and posterior constrictions well-marked; central area, among tubercles, minutely, abundantly punctate (sparingly on central gibbosity); remaining surface nearly smooth. Sides of prothorax with abundant pubescence, partially obscuring integument, between anterior and posterior constrictions, sparsely pubescent on remaining surface. Prosternum sparsely pubescent close to procoxal cavities and laterally, with very sparse setae on remaining surface. Mesoscutum with pubescence distinctly exposing integument, glabrous laterally. Mesepisternum and mesepimeron with pubescence denser than on mesoscutum. Metanepisternum and metaventrite with abundant pubescence not obscuring integument, except central, triangular area of metaventrite with pubescence distinctly sparser. Scutellum with pubescence obscuring integument.

Elytra: Coarsely, abundantly punctate on anterior third, gradually finer, sparser toward apex (lateral punctures aligned); pubescence abundant, partially obscuring integument; posterior third with elongated setae on margins; apex narrowly rounded (nearly triangular).
Figures 1-8: (1-4) *Novantinoe oaxaquena* sp. nov., holotype, male: (1) dorsal view; (2) lateral view; (3) ventral view; (4) detail of head, dorsal view. (5-8) *Novantinoe fabiolae* sp. nov., holotype, female: (5) detail of head, dorsal view; (6) dorsal view; (7) lateral view; (8) ventral view.
Legs: Profemora fusiform; meso- and metafemora clavate; pubescence not obscuring integument. Protibiae wider than meso- and metatibiae, somewhat curved from base to near apex, which is slightly wider; ventral side with pubescence not obscuring integument, interspersed with elongated erect setae; dorsal side with sub-erect setae, sparser on protibiae. Metatarsomere I longer than II-III together.

Abdomen: Ventrites with abundant pubescence, not obscuring integument, except on glabrous posterior area of I-IV, and nearly glabrous basal area of V; ventrite I slightly shorter than ventrite II; apex of ventrite V truncate.

Dimensions (mm): Total length, 19.30; prothoracic length, 2.40; posterior prothoracic width, 2.45; anterior prothoracic width, 2.30; maximum prothoracic width (between apices of lateral tubercles), 3.45; humeral width, 4.15; elytral length, 14.00.

Type Material: Holotype male from MEXICO, Oaxaca: Conception Pápalo (2,275 m), 10.VII.1997, G. Nogueira col. (CNIN).

Remarks: Novantinoe oaxaquena sp. nov. is similar to N. cristinae Santos-Silva & Hovore, 2007; N. hefferni Santos-Silva & Hovore, 2007; and N. payettei Santos-Silva & Le Tirant, 2016 by its general appearance, the elytra bicolourus, and the inner and outer apical projections of metafemora subequal in length and with the same shape. It differs from N. cristinae by the body slender (wider in males of N. cristinae), head + prothorax slightly shorter than three times elytral length (slightly longer than twice elytral length in males of N. cristinae), pronotal and elytral pubescence more abundant (sparser in N. cristinae), elytral apex narrowly rounded (obliquely truncate in males of N. cristinae), and profemora without short spines ventrally (present in males of N. cristinae). The new species differs from N. hefferni by the head + prothorax slightly shorter than three times elytral length (2.5 times in N. hefferni), elytra slightly narrowed toward apex (distinctly narrowed toward apex in N. hefferni), elytral apex narrowly rounded (nearly acute in males of N. hefferni). Novantinoe oaxaquena sp. nov. differs from males of N. payettei by the slender body (wider in N. payettei), scape slender (distinctly widened in N. payettei), and elytral apex narrowly rounded (with distinct spine at outer angle in N. payettei). The general appearance of the new species also resembles N. nogueiri Santos-Silva & Le Tirant, 2016, but differs from it by the maxillary palpomere IV not distinct securoform (securoform in males of N. nogueiri), scape slender (wider in N. nogueiri), and elytral apex narrowly rounded (spiniform in N. nogueiri). For comparisons, photographs of the holotypes of N. cristinae, N. payettei, N. nogueiri, and N. hefferni are available in Bezarck (2018).

Etymology: The epithet, oaxaquena, is a demonym alluding to the inhabitants of Oaxaca state, in Mexico, the locality where the specimen was collected.
intercosules large, sub-horizontal, slightly convex, finely, moderately sparsely punctate close to frons, inclined, smooth toward labrum; pubescent on punctate area (laterally with longer setae interspersed), glabrous anteriorly. Labrum coplanar with anteclypeus at posterior half, gradually inclined toward anterior margin (depressed on center of anterior half); with both short and elongated setae along transverse central area. Maxillary palpmere IV slightly, gradually widened toward oblique apex. Upper eye lobes moderately narrow. Distance between upper eye lobes 0.32 times length of scape; distance between lower eye lobes ventrally 0.64 times length of scape. Antennae 1.8 times elytral length, reaching elytral apex at distal third of antennomere VIII. Scape distinctly widened toward apex; moderately finely, abundant punctate on basal third, gradually finer, sparser toward apex; pubescence not obscuring integument; with a few long, erect setae dorsally on distal area. Antennomeres with pubescence distinctly exposing integument; with a few elongated, erect setae at apex of X; with very long, moderately abundant setae ventrally on III-XI. Antennal formula based on antennomere III: scape = 0.88; pedicel = 0.14; IV = 0.98; V = 0.96; VI = 0.93; VII = 0.88; VIII = 0.82; IX = 0.75; X = 0.65; XI = 0.65.

**Thorax:** Prothorax 1.28 times wider than long (including lateral tubercles); lateral tubercles large, conical, placed at middle; anterior margin as wide as posterior margin. Pronotum with five distinct tubercles, lateral ones together forming large gibbosity: one on each side of anterior half, nearly conical, higher than the others, with apex slightly directed sideward; one on each side of posterior half, with rounded apex; another centrally, elongated. Pronotal pubescence abundant, not obscuring integument, except on glabrous central tubercle; anterior and posterior constrictions well-marked; central area, among tubercles, finely, moderately sparsely punctate; remaining surface nearly smooth. Sides of prothorax with moderately abundant pubescence between anterior and posterior constrictions, not obscuring integument, sparsely pubescent on remaining surface. Prosternum sparsely pubescent close to procoxal cavities and laterally (especially on posterior half), with very sparse setae on remaining surface. Mesoventrite with pubescence not obscuring integument. Mesaneleisternum with pubescence slightly denser than on mesoventrite and mesepimeron. Metaneleisternum and metaventrite with abundant pubescence not obscuring integument, except central area of metaventrite with sparse pubescence (glabrous along central discrimen). Scutellum with pubescence obscuring integument.

**Elytra:** With five rows of coarse punctures (punctures absent on posterior third); one close to suture, reaching about posterior third; three more dorsally (innermost reaching only apex of anterior third; outermost reaching posterior third; central one slightly distinct after middle); one laterally, reaching about middle; pubescence abundant, not obscuring integument; with elongated setae laterally on posterior quarter; apex very narrowly rounded.

**Legs:** Profemora fusiform; meso- and metafemora clavate; pubescence not obscuring integument, with a few long, erect setae interspersed. Protibiae widened at posterior quarter; with sparse pubescence, denser ventrally on distal half. Metatarsal somere I about as long as II-III together.

**Abdomen:** Ventrites with abundant pubescence, not obscuring integument (sparser centrally on posterior half of I-IV), except on glabrous posterior area of I-IV; ventrite I subequal in length to ventrite II; apex of ventrite V rounded.

**Dimensions (mm):** Total length, 17.40; prothoracic length, 2.35; posterior prothoracic width, 2.10; anterior prothoracic width, 2.10; maximum prothoracic width (between apices of lateral tubercles), 3.00; humeral width, 3.45; elytral length, 12.20.

**Type Material:** Holotype male from MEXICO, Oaxaca: Sierra de Juarez (850 m), 15.V.1998, G. Nogueira col. (CNIN).

**Remarks:** The general appearance of *Novantinoe fabiolae* sp. nov. (female) is as that of *N. hefferni* (male). However, the scape (Fig. 5) is abruptly widened toward apex and is not rugose. In *N. hefferni*, the scape (see in Bezark, 2018) is more gradually widened toward apex and is distinctly rugose. As we never saw this kind of sexual dimorphism in the other species of Neotropical Disteniinae, we believe that they belong to different species. *Novantinoe fabiolae* differs from *N. cristinae* by the denser pubescence on pronotum and elytra (sparse in both sexes of *N. cristinae*); from *N. payettei* by the pronotal and elytral pubescence denser, and upper eye lobes narrower (pubescence sparse and upper eye lobes wider in *N. payettei*); from *N. noguerai* by the elytral punctures sparser and upper eye lobes narrower (punctures more abundant and upper eye lobes wider in *N. noguerai*); and from *N. oaxaquena* sp. nov. by the scape wider and not rugose (slender and rugose in *N. oaxaquena*), and by the posterior third of the elytra more uniformly narrowed toward apex (somewhat rounded narrowed in *N. oaxaquena*).

**Etymology:** This species is named after Fabiola Lopez C., the wife of Guillermo Nogueira collector of the holotype. This is in deep appreciation for her years of support of his work in entomology.

**Cerambycidae**

**Cerambycinae**

**Elaphidiini**

**Eurysthea nogueirai**

*Botero, Heffern & Santos‐Silva, new species* (Figs. 9-12)

**Description:** Female: Integument dark brown; scape dark reddish-brown, pedicel and flaggellomere reddish.
**Head:** Frons short, smooth medially, with a deep transverse sulcus; opaque, minutely, densely punctate between plate and clypeus, interspersed with some fine punctures; with decumbent, moderately abundant, golden setae. Area between antennal tubercles with coarse sparse punctures, slightly carinate; with long, decumbent, abundant golden setae, interspersed with elongated erect setae. Area between upper eye lobes coarsely punctate, smooth centrally; with decumbent, abundant, golden setae, interspersed with some long, erect setae, glabrous centrally. Median groove distinct from fronto-clipeal suture to middle of area between antennal tubercles. Antennal tubercles slightly elevated, rounded at apex, finely sparsely punctate. Genae coarsely, sparsely punctate; with decumbent, long, sparse golden setae. Gula smooth, glabrous. Submentum slightly striate-punctate; with long, erect, moderately abundant yellowish-white setae. Antennomeres III-XI unarmed at apex. Antennal scape with short spiniform projection at inner apex. Antennomere V-VII with spine at inner apex, antennomere VIII with short spiniform projection at inner apex of each antennomere (gradually shorter, sparser toward distal segments). Antennomere III carinate at apex, with long spine at inner apex (as long as 0.17 times length of antennomere; 0.21 times length of antennomere IV). Antennomere IV carinate, with elongated spine at inner apex (as long as 0.22 times length of antennomere). Antennomere V-VII with spine at inner apex, antennomere VIII with short spiniform projection at inner apex. Antennomeres IX-XI unarmed at apex. Antennal formula (ratio) based on antennomere III (without spine): scape = 0.66; pedicel = 0.18; IV = 0.78; V = 0.76; VI = 0.80; VII = 0.78; VIII = 0.66; IX = 0.64; X = 0.51; XI = 0.54.

**Thorax:** Prothorax slightly wider than long, sides with small, spiniform tubercle before middle (apex truncated); coarsely, densely punctate except subsmooth, transverse band at anterior and posterior margin and on gibbosities; with short, abundant, golden setae (not obscuring integument), interspersed with elongated erect setae. Pronotum with five gibbosities, slightly elevated: two sub-circular, placed at each side just after middle; two sub-circular, placed on each side of posterior quarter; and one elongated, from midlength to posterior quarter. Pronotal surface coarsely, moderately sparsely punctate between gibbosities; area outside of region delimited by gibbosities coarsely, densely punctate; with short, golden setae (not obscuring integument), slightly denser between gibbosities, with long, erect, sparse, yellowish-white setae, mainly between gibbosities. Prosternum, transversely striate (subsmooth on some areas) on anterior third; with some sparse elongated erect yellowish setae, mainly on anterior third. Prosternal process at narrowest point, equal to 0.4 times the procoxal cavity width. Mesovenalrite, mesepimeron and mesanepisternum with short, decumbent, sparse golden setae (slightly distinct depending on angle of light) interspersed with moderately short, sub-erect yellowish-white setae. Mesoventral process emarginate at apex, equal to 0.7 times the mesocoxal cavity. Metanepisternum with short, decumbent, abundant golden setae (almost indistinct depending on angle of light) interspersed with long, sub-erect, yellowish-white setae (more erect basally). Metavenalrite coarsely punctate, sparser and finer toward median region and posterior margin; with short, decumbent, sparser golden setae; with some long, sub-erect, yellowish-white setae throughout.

**Elytra:** Moderately coarsely, abundantly punctate; with short decumbent, thick, yellowish-white setae throughout, interspersed with elongated erect sparse setae; apex obliquely truncate, with elongated spine at outer angle, sutural angle unarmed.

**Legs:** Apices of meso- and metafemora rounded; femora and tibiae with moderately long, abundant yellowish-white setae (denser toward apex of tibiae).

**Abdomen:** Ventrites finely, moderately abundantly punctate; with moderately sparse, decumbent, yellowish-white setae, interspersed with elongated erect setae. Ventrites 0.85 times as long as IV; apex truncate.

**Dimensions in mm (female):** Total length, 17.1; prothorax length, 3.0; anterior prothoracic width, 2.1; posterior prothoracic width, 2.4; largest prothoracic width, 3.1; humeral width, 3.9; elytral length, 12.1.

**Type Material:** Holotype female from MEXICO, Guanajuato: Sierra de Santa Rosa, 2,250 m, 13-14.VII.1999, G. Nogueira col. (CNIN).

**Etymology:** Named in honor of Guillermo Nogueira, collector of the holotype.

**Remarks:** *Eurysthea nogueirai* sp. nov. resembles some specimens from *E. hirca* (Berg) 1889 without yellowish maculae on elytra (variable characteristic in that species) but differs by the shape of pronotum; the anterior gibbosities slightly elevated (more elevated in *E. hirca*); the elytra with sparse and uniform setae throughout (denser and forming patches of pubescence in *E. hirca*); and the elytral apex with only external spine (bispinous in *E. hirca*). By the absence of yellowish maculae on elytra, the new species also resembles *E. sordida* (Erichson, 1847), but differs from it by the elytral pubescence sparser (notably denser in *E. sordida*); and the elytral apex with spine at outer angle (elytral apex unarmured in *E. sordida*). *Eurysthea nogueirai* sp. nov. also differs from *E. cribripen-
Figures 9-16: (9-12) *Eurysthea nogueirai* sp. nov., holotype, female: (9) dorsal view; (10) lateral view; (11) ventral view; (12) detail of head, dorsal view. (13-16) *Eurysthea nakagomei* sp. nov., holotype, male: (13) detail of head, dorsal view; (14) dorsal view; (15) lateral view; (16) ventral view.
nis (Bates, 1885) by the antennomeres III-VII with distinct spine at inner apex (in *E. cribripennis* the spine is present just in antennomeres III-IV); by the elytra without yellowish maculae on elytra and with short decumbent setae interspersed with elongated erect sparse setae (with yellowish maculae and with decumbent setae in *E. cribripennis*); and by the elytral apex obliquely truncated (straightly truncated in *E. cribripennis*). *Eurysthea nogueirai* sp. nov. is the first species of the genus registered from Mexico.

**Eurysthea nakagomei**
Botero, Heffern & Santos-Silva, new species (Figs. 13-16)

**Description: Male**
Integument reddish-brown; antennae lighter toward apex; each elytron with a yellow antemedian inverted macula “V” shaped and two yellow spots at apex; legs yellowish. Body with elongated sparse white erect setae.

**Head:** Frons short, with a transverse sulcus, minutely, densely punctate; with decumbent, abundant, golden setae and long white setae. Area between antennal tubercles with fine dense punctures, slightly carinate; with setae and long white setae. Area between antennal tubercles densely punctate; with decumbent, abundant, golden setae; with some long, sub-erect, yellowish-white setae throughout. Head:

**Elytra:** Moderately coarsely, abundantly punctate, sparser toward apex, on apex smooth; with short decumbent, thick, white setae throughout, interspersed with elongated erect sparse setae; apex obliquely truncate, with elongated spine at outer angle, sutural angle unarmed.

**Legs:** Apices of meso- and metafemora rounded.

**Abdomen:** Ventrites smooth; with short decumbent, thick, white setae laterally, central region glabrous, interspersed with some elongated erected setae. Apex of ventrite V curved.

**Dimensions in mm (male):** Total length, 10.3; prothorax length, 1.9; anterior width, 1.6; posterior width, 1.5; largest prothoracic width, 1.7; humeral width, 1.7; elytral length, 6.9.

**Type Material:** Holotype male from Colombia, Valle del Cauca: Municipio de la Cumbre (Vereda Chicoral, 03°34'26"N, 76°34'56"W), 22-26.III.2017, Sinyaev col. (MZSP).

**Etymology:** The new species is in honor of Nakagome Masaji (Japan), a renowned collector of insects. He is a personal friend of Anton Olegovich Kozlov (Russia), who sent and donated the holotype for MZSP collection, and requested the name as a special favor, to express his thankfulness and respect to him.

**Remarks:** By its general appearance, *Eurysthea nakagomei* is similar to *E. cribripennis* (Bates, 1885), but differs by the prothorax unarmed laterally (with antemedian tubercle and lateral spine in *E. cribripennis*), scutellum near-
ly glabrous (covered with dense yellowish pubescence in *E. cribripennis*), and body with sparse moderately long white setae (in *E. cribripennis* the body is covered with denser and longer yellowish setae). Among the species of *Eurysthea* with the prothorax unarmed (*E. barsevskisi* Botero & Santos-Silva, 2017; *E. neamsi* Botero & Santos-Silva, 2017; *E. parva* Martins & Galileo, 2013; *E. rotundicollis* (Martins, 1995)), the new species differs from all of them by the prothorax with sparse and fine pubescence (denser and obscuring the integument in these species), and the scutellum nearly glabrous (densely covered with yellowish pubescence in these species). The new species differs from *E. barsevskisi* Botero & Santos-Silva, 2017; *E. neamsi* Botero & Santos-Silva, 2017; and *E. rotundicollis* (Martins, 1995) by the yellow anterior and posterior maculae being interrupted (continuous in those species).

**New Geographical Records**

**Cerambycidae**

**Cerambycinae**

**Trachyderini**

*Ancylocera bicolor* (Olivier, 1795)

Geographical distribution: United States, Guatemala (?). A new country record from Nicaragua (Matagalpa) is added.

Specimen examined: GUATEMALA, Matagalpa: Santa Maria de Ostuma, female, 09.V.1992, J.M. Maes col. (DHCO).

**Disteniidae**

**Disteniini**

*Elytrimitatrix* (*Grossifemora*) *irregularis* (Linsley, 1935)

Geographical distribution: Mexico (Mexico, Michoacán, Guerrero). A new state record from Jalisco (Mexico) is added.

Specimen examined: MEXICO, Jalisco: Sierra de Talpa (1,720 m), female, 08-09.VII.2009, G. Nogueira col. (DHCO).

*Novantinoe fulvopicta* (Bates, 1885)

Geographical distribution: Mexico (Veracruz). A new state record from Oaxaca (Mexico) is added.

Specimen examined: MEXICO, Oaxaca: Sierra de Juárez (1,700 m), female, 25.V.1996, G. Nogueira col. (DHCO).

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