

**SPECIES OF GYPONINAE (HOMOPTERA: CICADELLIDAE)  
DESCRIBED BY STÅL AND SPANGBERG**

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**ABSTRACT**

Fourteen species are presently generically placed. *Gypona splendidula* Spang. and *G. fallax* Spang. are placed in *Gypona*. *Gypona australis* Spang. is placed in *Prairiana*. *Gypona gracilis* Spang. is placed in *Polana*. *Gypona antica* Stål., *G. atomaria* Stål., and *G. irrorata* Stål., (♂ types illutrated), and *G. trivialia* Spang *G. megalops* Spang., *G. punctata* Spang., *G. moesta* Spang., and *G. interspersa* Stål. (females only) are placed in *Curtara*. *Gypona modesta* Spang., and *G. conspersa* Spang. are placed in *Ponana*.

Most of the species of Gyponinae described by Stål and Spangberg were named *Gypona*. Many of these types, deposited in the Riksmuseum at Stockholm Sweden and the Museum at Vienna Austria, have already been studied, illustrated and generically placed, in more recently described genera, by DeLong (1974—1976) and DeLong and Freytag (1964, 1967, 1969, 1972, 1974, 1976). Certain types not previously treated are being illustrated and / or generically placed. Most of these are represented by female specimens only and cannot be placed specifically.

The study of the Stål and Spangberg types was made possible by the assistance and cooperation of Dr. Eric Kjellander and Edvard Sylven of the Riksmuseum in Stockholm and by Dr. Max Beier of the Vienna Museum to whom I wish to express my appreciation.

*Gypona splendidula* Spangberg (Fig. 16). *Gypona splendidula* Spangberg 1878 p. 19.

Length of ♀ 15 mm. ♂ unknown. This is a typical yellowish ♀ specimen of *Gypona*, especially large in size, without color markings. Female with posterior margin of

seventh sternum broadly slightly concavely rounded each side of a median broad shallow V-shaped excavation.

Holotype ♀ labeled "Bogotá Lindig", in the Stockholm Riksmuseum.

*Gypona fallax* Spangberg

*Gypona fallax* Spangberg 1883 p. 103. Length of ♀ 13 mm, ♂ unknown. Crown roundly produced, a little more than half as long at middle as basal width between the eyes, margin thin; ocelli closer to median line than to eyes. Color, greenish yellow, the margin of crown distinctly yellow. Female seventh sternum with lateral angles rounded to truncate posterior margin which is slightly tapered and faintly and broadly notched at middle.

Holotype ♀ labeled "Helmr. Brazil" in the Vienna museum collection.

*Prairiana australis* (Spangberg)  
(Fig. 17)

*Gypona australis* Spangberg 1878 p. 66. Length of ♀ 8 mm, ♂ unknown. Crown produced and rounded, more than twice as wide at base between eyes as median length. Ocelli almost twice as distant from eyes as median line, nearer anterior than posterior margin; margin of crown thin, foliaceous. Color, crown, pronotum and Scutellum pale brown, a small dark brown spot each side on posterior margin, posterior to each ocellus. Forewings pale brown, two dark brown spots on cross veins of corium. Female seventh sternum with posterior margin rather angularly roundly excavated each side of median produced triangular lobe, one third width of segment and produced almost to length of lateral angles.

Holotype ♀ labeled "Buen. Ayr." Li Shierry in the Stockholm Riksmuseum.

*Polana gracilis* (Spangberg)

*Gypona gracilis* Spangberg 1883 p. 105. Length of ♀ 7.5 mm, ♂ unknown. Crown blunt, rounded, more than twice as broad between eyes at base as median length, without definite margin. Ocelli closer to eyes than median line. Color, pale brown, a faint darker brown median longitudinal line extending from anterior portion of pronotum to apex of scutellum. Forewings with a few darker brown markings, the largest on base of appendix. Female seventh sternum with posterior margin concavely excavated either side of a broad median slightly produced lobe which is more than one-third the width of the sternum and is not produced to the apex of the lateral angles.

Holotype ♀ from Rio de Janeiro in the Vienna Museum Collection.

*Curtara antica* (Stål)  
(Figs. 1–5)

*Gypona antica* Stål 1862 p. 46 *Gypona fuscipennis* Spangberg 1878 p. 40. Length of ♂ 9.5–10 mm ♀ 11 mm. Head much narrower than pronotum. Crown produced, broadly rounded, more than half as long at middle as basal width between eyes at base, depressed before anterior margin. Ocelli closer to each other than either is to proximal eye. Color, crown and pronotum yellow. Scutellum brown with a spot either side of middle on anterior, yellow, margin. Forewings pale brownish subhyaline with dark brown veins and short yellow pubescence on veins. Male genitalia with plates five times as long as broad and short yellow pubescence on veins. Male genitalia with plates five times as long as broad, clothed on outer margin with long thick hairs. Style with blade almost uniform in width to near apex where it is expanded into a foot-like portion with pointed “toe-like” apex and a “heel” formed by tooth on ventral margin. Aedeagal shaft long, slender, a pair of subapical processes near apex extending laterally and apically. A pair of short, broad, paraphyses are excavated on dorsal surface just before pointed apex enclosing terminus of shaft. Female seventh sternum excavated almost half way to base between lateral angles and a broad median lobe, more than half width of segment, with a small V-shaped notch at middle, forming two small rounded teeth and produced to distance of lateral angles.

*Curtara atomaria* (Stål)  
(Figs. 6–10)

*Gypona atomaria* Stål 1862 p. 47. Length of ♂ 10 mm, ♀ unknown. Crown rounded, with a distinct margin, more than twice as broad as long; ocelli closer median line than proximal eye. Color dull yellow, completely clothed with brown punctate spots and small mottling spots of brown. Forewings white with brown veins and with numerous brown markings.

Male genitalia with plates two and one half times as long as median width, apices rounded. Style broad at base, notched on ventral margin near base, then tapering to a slender subapical “neck” just before broadened transverse apex, which has a pointed “heel” ventrally and a longer pointed “toe” extending basodorsally. Aedeagal shaft rather broad in ventral view, broadened and rounded at apex, bearing a subapical curved spine on ventral margin. Paraphyses short, only two thirds as long as shaft. Pygofer narrowed and rounded on dorsocaudal margin.

Holotype ♂, Rio de Janeiro Brazil, in the Riksmuseum, Stockholm, Sweden.

*Curtara irrorata* (Stål)  
(Figs. 11–15)

*Gypona irrorata* Stål 1862 p. 47. Length of ♂ 10 mm, ♀ 11 mm. Crown with distinct margin, rounded, twice as broad at base between eyes as median length. Ocelli a little closer median line than proximal eye. Color, crown, pronotum and scutellum pale brown with dark brown markings. Forewings white, almost completely covered with dark brown spots and blotches, veins reddish brown.

Male genital plates more than three times as long as median width, apices narrow, rounded. Style with blade narrowed at middle by broad, narrow concavity of ventral margin; apical portion as wide as base, apex curved, pointed tooth on dorsal margin. Aedeagal shaft slender, straight, enlarged at apex bearing a pair of apical spines which extend basad on dorsal margin and a pair of subapical spines which arise on ventral margin and extend caudolaterally. Parameres broad at base, gradually narrowed, apical half slender, apex reaching apex of shaft. Pygofer with a process extending dorsally on dorsocaudal margin. Female seventh sternum with posterior margin broadly, slightly, concavely rounded between the rounded lateral angles.

Holotype ♂ from Rio de Janeiro, Brazil in the Riksmuseum, Stockholm, Sweden.

*Curtara trivialis* (Spangberg)  
(Fig. 18)

*Gypona trivialis* Spangberg 1881 p. 36. Length of ♀ 13 mm, ♂ unknown. Crown short, broadly rounded, twice as wide between eyes at base as median length. Crown with a definite margin which is thick. Ocelli nearer median line than eyes. Color. Brown with irregular paler mottling on pronotum and scutellum. Forewings semihyaline, veins brown, with pale mottling and white spots between the veins.

Female genitalia with lateral angles of seventh sternum broadly rounded to posterior margin which is concavely excavated either side of a broad median produced lobe; lobe one-third width of sternum, not produced to the apex of lateral angles.

Holotype ♀ from Brazil in the Vienna Museum Collection.

*Curtara megalops* (Spangberg)  
(Fig. 19)

*Gypona megalops* Spangberg 1883 p. 107. Length of ♀ 9 mm, ♂ unknown. Crown more than twice as wide between eyes at base as median length, angled with front.

Color, buff to pale brown with darker brown punctures on crown, pronotum and scutellum. Forewings with brown markings, veins with darker brown margins.

Female genitalia with lateral angles of seventh sternum produced and rounded to posterior margin which is deeply excavated either side of a median produced spatulate process. Process one sixth the width of segment, produced beyond the apex of lateral angles and slightly notched at middle.

Holotype ♀ from Brazil in the Vienna Museum Collection.

*Curtara punctata* (Spangberg)  
(Fig. 20)

*Gypona punctata* Spangberg 1878 p. 67. Length of ♀ 10 mm, ♂ unknown. Crown produced and rounded, with distinct margin, not quite twice as wide at base between eyes as median length. Color pale brown with a small black spot each side at base of crown, posterior to each ocellus. Pronotum pale brown, punctate with small dark brown spots.

Scutellum pale brown, basal angles slightly darker brown. Forewings grayish brown opaque, veins darker brown, rather uniformly marked with dark brown spots.

Female seventh sternum with lateral angles roundly produced, between which the posterior margin is broadly concavely rounded half way to base, the central third of which is slightly roundly produced.

Holotype ♀ labeled "Bogotá Lindig" is in the Stockholm Riksmuseum.

*Curtara moesta* (Spangberg)  
(Fig. 21)

*Gypona moesta* Spangberg 1878 p. 66. Length of ♀ 10.3 mm, ♂ unknown. Crown with a blunt margin, produced and rounded, more than twice as wide at base between eyes as median length. Ocelli equidistant between eyes and median line. Closer to anterior than posterior margin. Color, crown, pronotum and scutellum brown with slight whitish stippling. Forewings brownish opaque with white cross nervures on clavus and costal margin. Brown spots on cross veins of corium and on clavus at one third and two thirds length of commissure.

Female genitalia with posterior margin of seventh sternum broadly concavely rounded between lateral angles, with a median produced triangular lobe one fourth width of segment, which is slightly notched at middle.

Holotype ♀ labeled "Surin" Thorey in Stockholm Riksmuseum.

*Curtara interspersa* (Stål)  
(Fig. 22)

*Gypona interspersa* Stål 1854 p. 252. Length of ♀ 10.5 mm, ♂ unknown. Crown produced and rounded, twice as wide at base between eyes as median length. Color, crown, pronotum and scutellum pale brown finely irregularly punctate with dark brown. Forewings pale brown opaque veins margined with darker brown. Darker brown spots on clavus along commissure and on cross veins of corium.

Female seventh sternum with posterior margin deeply, narrowly roundly notched about half way to base each side of a median rather broad process which is roundly notched at middle half way to base.

Holotype ♀ labeled "Brazil" in the Stockholm Riksmuseum.

*Curtara schaumii* (Stål)  
(Fig. 23)

*Gypona schaumii* Stål 1864 p. 83. Length of ♀ 12 mm, ♂ unknown. Crown broadly rounded, more than twice as wide at base between eyes as median length, ocelli closer median line than eyes. Color pale brown. Female seventh sternum with posterior margin concavely rounded between lateral angles each side of a median lobe one-third width of segment, roundly notched at middle and not produced to length of lateral angles.

Holotype ♀ labeled "México, Salle" in the Riksmuseum, Stockholm.

A label on the type-specimen pin reads "*subtacta* Walk." but being a female specimen, specific identity is difficult.

*Ponana modesta* (Spangberg)

*Gypona modesta* Spangberg 1883 p. 107. Length of ♀ 10.5 mm, ♂ unknown. Crown broadly rounded, almost twice as wide between the eyes at base as median length. Margin thick. Ocelli a little nearer median line than eyes. Color, crown dull yellow, with a brown spot on base behind each ocellus. Pronotum dull yellow anteriorly with brownish mottling, disc and posterior portion dark brown. Scutellum dull yellow. Forewings dull yellow with dark brown spots and dashes between the veins.

Female genitalia with lateral angles of seventh sternum rounded to posterior margin which is undulated, almost truncate, with a broad, shallow excavation at middle.

Holotype ♀ from Illinois in Vienna Museum Collection.

*Ponana conspersa* (Spangberg)

*Gypona conspersa* Spangberg, 1878 p. 60. Length of ♀11.5 mm, ♂ unknown. Crown broadly rounded, more than twice as wide at base between eyes as median length. Color, dull yellow, pronotum with four small round black spots, along anterior margin, outer spots behind eyes. Posterior half of pronotum finely punctate with dark brown. Scutellum dull yellowish. Forewings dull yellow, opaque, clavus and basal half with punctate brown spots.

Female seventh sternum with posterior margin convexly rounded.

Holotype ♀ labeled "México" in the Stockholm Riksmuseum.

### Resumen

La mayoría de las especies de cigarrillas (Homoptera: Cicadellidae) descritas por Stål y Spangberg fueron incluidas en el entonces amplio concepto genérico de *Gypona*. El objetivo de estas notas es comunicar la reubicación genérica de catorce especies de esos autores, dentro de los conceptos actuales de *Gypona*, *Ponana*, *Polana*, *Prairiana*, y *Curtara*.

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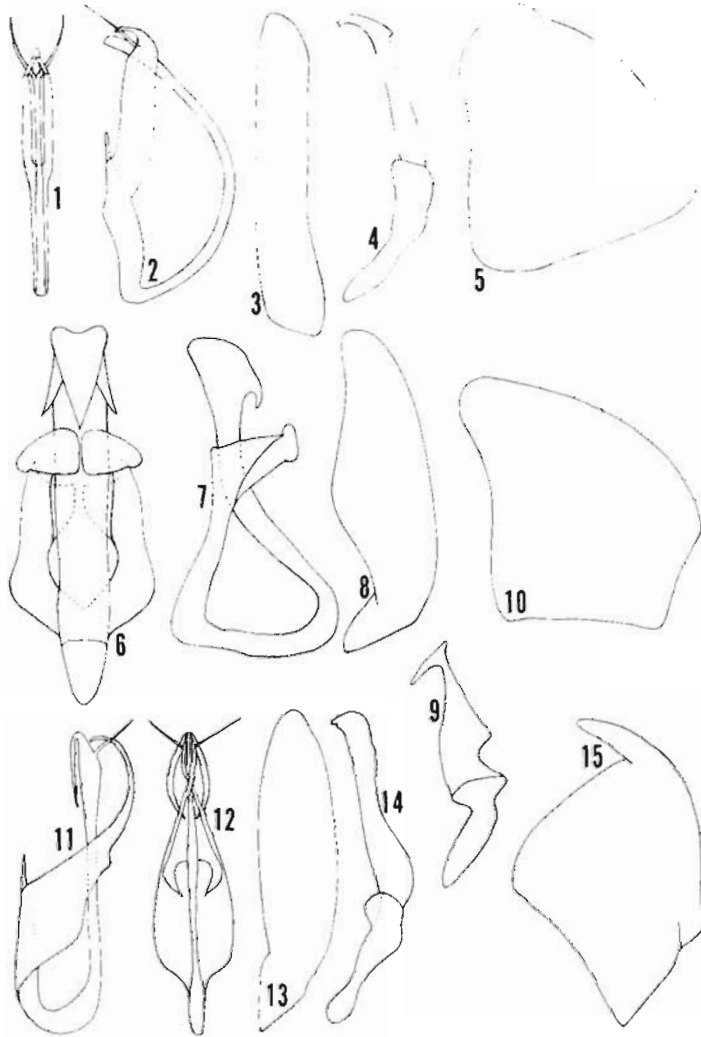


Plate 1. Figs. 1–5 *Curtara antica* (Stål). 1. aedeagus ventrally; 2. aedeagus laterally; 3. plate ventrally; 4. style laterally; 5. pygofer laterally. Figs. 6–10 *C. atomaria*. 6. aedeagus ventrally; 7. aedeagus laterally; 8. plate ventrally; 9. style laterally; 10. pygofer laterally. Figs. 11–15 *C. irrorata* (Stål). 11. aedeagus laterally; 12. aedeagus ventrally; 13. plate ventrally; 14. style laterally; 15. pygofer laterally.

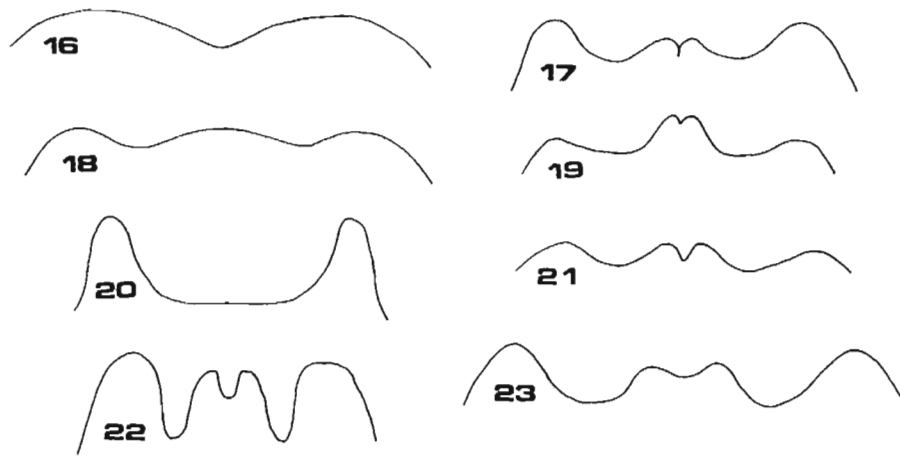


Plate II. Posterior margin of seventh sternum of female of 16. *Gypona splendidula* (Spang) 17. *Prairiana australia* (Spang); 18. *Curtara trivialis* (Spang); 19. *C. megalops* (Spang); 20. *C. punctata* (Spang); 21. *C. moesta* (Spang); 22. *C. interspersa* (Stål); 23. *C. schaumii* (Stål).