

**TRANSACTIONS of the
ILLINOIS STATE
ACADEMY OF SCIENCE**

Volume 73 Number 4 1980



ILLINOIS STATE ACADEMY OF SCIENCE
Founded 1907

**Affiliated with the
ILLINOIS STATE MUSEUM, Springfield**

ISSN 0019-252
PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

**The Distribution of the Fulgoroidea
of the Eastern United States (Homoptera)**

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ABSTRACT

The distributions of planthoppers occurring in the United States east of the Mississippi River are listed.

Metcalf's catalogue of the Fulgoroidea [Fascicle IV of the catalogue of the Homoptera (Hemiptera)] was published in 18 parts between 1932 and 1958. Those parts dealing with the eastern U. S. species of the Fulgoroidea (or planthoppers) were published between 1936 and 1958 (i.e., 1936; 1943; 1945; 1946; 1947a, b; 1954a, b; 1957; 1958) and have served as the basic source of information (e.g., synonyms, distributions, references) for these species. However, the distributions of these species as listed in Metcalf's catalogue have become increasingly outdated because of subsequent faunal lists, revisions of higher taxa, and descriptions of new species. Presented here are the updated distributions of the eastern U.S. species. These consist of the distributions given by Metcalf, supplemented with more recent records. We have omitted Metcalf's distributions for those taxa that have undergone revisions subsequent to publication of his catalogue. Only 1 reference is listed per state even though several authors may have provided records. The eastern U. S., as defined here, is that area east of the Mississippi River, and includes Louisiana and Minnesota which lie partially east of the River.

The present list includes 394 species in 89 genera and 10 families (Table 1). The sequence of taxa follows, where possible, that given in Metcalf's catalogue. *Delphacodes* has been split into several new genera by European workers [e.g., Fennah (29)] but we have elected to use the name *Delphacodes* because, apparently, few of the ca. 120 North American species were examined by these authors when they erected the new genera.

Table 1.. List of the Fulgoroidea of the eastern United States.

Family CIXIIDAE Spinola

***Pintalia* Stål**

delicata (Fowler), VA, SC, MS, LA (41).

dorsovittatus (Van Duzee), VA, SC, FL, TN (23); IL (64).

***Oliarus* Stål^a**

aridus Ball, VA, SC, GA, AL, MS, LA, TN, OH, IN, IL (38).

chuliotus Ball, DC, NC, SC, GA, FL, MS, IL (38).

cinnamomeus Provancher, ME, NH, MA, CT, NY, NJ, PA (38).

complectus Ball, FL (38).

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- difficilis* Van Duzee, FL (38).
ecologus Caldwell, CT, NJ, PA, MD, DC, VA, NC, SC, GA, AL, MS, TN, KY, OH, IL (38).
humilis (Say), NH, MA, CT, NY, NJ, PA, OH, IL, MI, WI, MN (38).
littoralis Ball, FL (38).
montanus Metcalf, NY, PA, MD, VA, NC, GA, TN, OH, IL (38).
placitus Van Duzee, NJ, MD, DC, VA, NC, SC, GA, FL, AL, OH, IL (38).
quinquelineatus (Say), ME, MA, CT, NY, NJ, PA, MD, VA, NC, SC, GA, FL, MS, IN, IL, WI, MN (38).
sabensis Caldwell, NH, MA, CT, NY, NJ, PA, MD, DC, WV, NC, SC, GA, FL, TN, KY, OH, IN, IL, MN (38).
slossonae Van Duzee, FL (38).
vicarius (Walker), NC, SC, GA, FL, (38).
viequensis Caldwell, FL (38).
Monorachis Uhler
sordulentus Uhler, FL, MS (41); IL (64).
Myndus Stal
crudus Van Duzee, FL (36).
dozieri Kramer, MS (36).
enotatus Kramer, MD, VA, NC, SC, GA, FL, MS, LA (36).
fulvus Osborn, NY, TN, KY, OH (36); IL (64).
glyphis Kramer, MA, NY, TN (36).
lunatus Van Duzee, FL (36).
neopusillus Kramer, FL (36).
ovatus Ball, MA, NJ, MD, VA, GA (36).
pictifrons Stal, MA, CT, NY, NJ, PA, MD, VA, NC, GA, MS, LA, TN, OH, IN, IL (36).
pusillus Van Duzee, NH, MA, CT, NJ, VA, NC, GA, FL (36).
radicus Osborn, NY, MD, VA, NC, MS, OH, IN, IL (36).
slossonae Ball, GA, FL, MS (36).
truncatus Metcalf, IL, WI (36).
xyron Kramer, NY, MI (36).
Cixius Latreille
angustatus Caldwell, OH (21).
apicalis Metcalf, CT, NY, (41); OH (56).
coleopium Fitch, ME, NH, CT, NY, NJ, PA (41); NC (20); OH (41); IL (64).
misellus Van Duzee, ME, NH, MA, RI, CT, NY, NJ, PA, NC, GA, KY, OH, IL, MI (41).
nervosus (Linnaeus)^b, ME, NH, MA, RI, CT, NY, NJ, GA, OH (41); IN (31); IL (64).
pini Fitch, ME, NH, MA, CT, NY, NJ, PA, NC (41); OH (56); IL (64); MI (41).
stigmata (Say)^c, NH, NY, NJ, PA, GA, OH (41); IN (31); IL (64).
umbrosus Walley, OH (56).
Oecleus Stal
borealis Van Duzee, NY, NJ, PA, MD, SC, GA, FL, MS, AL, OH, IL, MI (34).
chrisjohini Kramer, IL (63).
epetriion Kramer, IL (63).
productus Metcalf, MD, GA, FL, MS, IL (34).
tamiamus Ball and Klingenberg, FL (34).
Nymphocixia Van Duzee
vanduzeei Muir, FL (24).
Bothriocera Burmeister
bicornis (Fabricius), NJ, MD, NC, FL (41).
cognita Caldwell, MS (22).
drakei Metcalf, FL (39), OH (22).
furcata Caldwell, FL (22).
maculata Caldwell, FL (22).

signoreti Stål, MD, GA, FL (41), IL (64).
transversa Caldwell, FL (22).
undatus (Fabricius), NC (20), FL (41).

Family *DELPHACIDAE* Leach

Copicerus Swartz

irroratus Swartz, FL, MS, OH (42); IL (61).

Pentagramma Van Duzee

douglasensis Penner, MI (58).

longistylata Penner, FL (58).

variegata Penner, NY, MS, IN, IL, MN (58).

vittatifrons (Uhler), NJ, NY, MD, VA, IL (58).

Stobaera Stål

affinis Van Duzee, FL (33).

concinna (Stål), FL, LA (33).

pallida Osborn, NY (33); NJ (26); MD, VA, FL (33).

tricarinata (Say), MA, NY, NJ, PA, MD, VA, NC, SC, GA, FL, MS, AL, LA, TN, OH, IN, IL, MN (33).

Liburniella Crawford

ornata (Stål), ME, MA, CT, NY, NJ, PA, DC, NC, SC, GA, FL, MS, AL, LA, KY, OH, IN, IL, MN (42).

Laccocera Van Duzee

vittipennis Van Duzee, NH, NY, MI, MN (57).

Achorotile Fieber

albosignata (Dahlbom), NYd (42).

Phyllodinus Van Duzee

nervatus Van Duzee, NY, MI (52).

Stenocranus Fieber

acutus Beamer, NC, GA, FL, MS (3).

arundineus Metcalf, NC, GA (3).

brunneus Beamer, IL (3).

delicatus Beamer, IL (3).

dorsalis (Fitch), ME (3), IL (61).

felti Van Duzee, NH, WI, MN (3).

lautus Van Duzee, NH, NY, MD, DC, VA, NC, IL (3).

pallidus Beamer, IL, WI (3).

ramosus Beamer, NC, GA, FL (3).

sandersoni Beamer, IL (5).

similis Crawford, KY (3), IL (64).

unipunctatus Provancher, IL (64).

Kelisia Beamer

versa Beamer, FL (13).

Kelisia Fieber

axialis Van Duzee, NH, VT, NY, PA, VA, WI (16).

bimaculata Beamer, NH (16), WI (2).

curvata Beamer, MD, DC (2); NC (16); GA (2); FL (16); OH (2); IL (64).

flava Beamer, NH, CT, NY, PA (16); MD (26); NC (16).

hyalina Beamer, IL (61).

parvicurvata Beamer, FL (16).

pectinata Beamer, IL (16).

retrorsa Beamer, NH, CT, PA (16); IL (61); MI, MN (2).

acuministyla Dozier, CT, VA, MS (15).
adunca Beamer, NC, FL (9).
aetocephala Beamer, FL, MS, LA (9).
alata Beamer, FL (10).
alexanderi (Metcalf), NC, GA, FL, TN (28); IL (64).
analis (Crawford), NY, NC (28); IL (61); MI, MN (28).
andromeda (Van Duzee), NC, FL (28); IL (64).
arcanastylia Beamer, MI, WI (9).
arcuata Beamer, FL (9).
ardentis Beamer, FL (10).
arvensis (Fitch), NY, NJ (42).
atralabis Beamer, NH (9).
atrata Osborn, NH, NY, CT, OH, IL (15).
balli Muir and Giffard, CT (53).
basivitta (Van Duzee), NH, MA, CT, NY, PA, VA, NC, GA, FL, TN, IN, IL (28).
campestris (Van Duzee), NH, CT, (28); NY, NJ (55); NC (28); MS (55); IL (28); MI (55).
concava Beamer, GA, FL (10).
consimilis (Van Duzee), DC, NC (28).
cornuta Beamer, FL (9).
culta Van Duzee, FL (42).
dentipennis Beamer, CT, VA, (9); NC (28); WI (9).
detecta (Van Duzee), CT, NY (11); MD (28); VA (11); NC, FL, LA (28).
dolera (Spooner), NY, VA, IL (15).
floridae Muir and Giffard, FL (53).
foveata (Van Duzee), NY (55), IL (64).
fulvidorsum Metcalf, GA, FL (4).
furcata (Provancher), NH, NY (53).
humilis (Van Duzee), FL (42).
hyalina Beamer, IL (61).
idonea Beamer, FL (7).
incurva Beamer, CT (8).
indentistyla Dozier, MS (42).
kilmani (Van Duzee), NH (28); NY (55); NC, MI (28).
laminalis (Van Duzee), NY (55); PA, MD, DC, NC, FL (28); MS (55); IN (28); IL (61).
lineatipes (Van Duzee), NY, PA, NC, OH (28).
livida Beamer, CT (8).
lutea Beamer, IL (61)
lutulenta (Van Duzee), NH, CT, NY, NC (28); IL (64).
magna (Crawford)9, IL (61).
mcateeae Muir and Giffard, MD (53); IL (61).
nigridorsum (Crawford), NY, NJ, OH (42).
nigripennata Beamer, NC (28), FL (6).
nitens Muir and Giffard, MD, OH (53); IL (64).
obscurella Boheman, NYd (42).
opaca Beamer, CT, PA, VA (8).
pacifica (Crawford), IL (64).
paransera Beamer, NY (9).
paraparvula Beamer, MS (10).
parvula (Ball), IL (61).
pellucida (Fabricius), ME, NH, MA, CT, NC, IL (28).
penedetecta Beamer, FL, LA (11).
penelutea Beamer, FL, MS (10).
peneparvula Beamer, KY (7).
penepuella Beamer, NY, FL (8).

perusta Beamer, NY, OH (7); IL (61).
pictifrons Osborn, OH (42).
propingua (Fieber), NC (28), IL (61).
puella (Van Duzee), NH, CT (28); NY, NJ (55); NC, FL (28); MS (55); TN, OH, IL (28).
quadridentis Beamer, FL, MS (9).
recurvata Beamer, DC (8); NC (28); FL (8).
rivularis (Germar), GA (42).
rotundata (Crawford), NY, NJ, NC (28); IL (61).
sagae Beamer, NY (6), IL (64).
sagittata Beamer, GA (7).
seminigra (Stall), FL (42).
serrata Beamer, CT, NY (8).
shermani (Metcalf), NC (28).
staminata (Metcalf), IL (47).
stramineosa Beamer, CT, NY (8).
sucinea Beamer, FL, MS (10).
teapae (Fowler), FL (42).
trimaculata Beamer, CT, MD, DC, VA (8); IL (64).
truncata Beamer, VA, GA, FL, MS, LA (9).
turgida Beamer, GA, FL, (9).
uhleri Muir and Giffard, VA (42).
unda Metcalf, NC (42).
waldeni (Metcalf), CT (47).
wetmorei Muir and Giffard, NC, GA (28).
Sogata Distant
breviceps Dozier, MS (42).
pseudoseminigra Muir and Giffard, FL (53).
Sogatella Fennah
kolophon (Kirkaldy), GA, FL (17).
Sogatodes Fennah
orizicola (Muir), FL, MS, LA (1).

Family *DERBIDAE* Spinola

Euklastus Metcalf
harti Metcalf, NC, IL (43).
Mula Ball
resonans Ball, FL, MS (43).
Mysidia Westwood
mississippiensis Dozier, FL, MS, LA (43).
Patara Westwood
vanduzei Ball, ME (60); NY, PA, NC, OH (43); IL (64).
Omolicna Fennah
fulvus (Van Duzee), FL (43).
mcateei (Dozier), NC (65), MS (43).
uhleri (Ball), NY, NJ, MD, DC, VA, NC, GA, MS, TN, OH (43); IL (64).
Neocenchrea Metcalf
heidemanni (Ball), MD, DC, VA, NC, OH (43); IL (64).
Dysimia Muir
maculata Muir, FL (43).
Cedusa Fowler^h
australis (Metcalf), MS, IL, MI (30).
bedusa McAtee, VA, NC, FL, MS, LA (30); IL. (64).
californica (Van Duzee), MI (30).

cedusa McAtee, NY, MD, VA, MI, MN (30).
chuluota Ball, NC, GA, FL (30).
edentula (Van Duzee), NJ, VA, NC, GA, MS, TN (30); IL (61).
gedusa McAtee, MD, MS, TN (30).
hedusa McAtee, NY, MD, SC, GA (30).
incisa (Metcalf), NH, CT, NY, NC, OH, IN, IL, MI, MN (30).
kedusa McAtee, NJ, MD, VA, NC, OH, IL, MI, WI (30).
maculata (Van Duzee), NC, IN, MN (30); IL (64).
mallochi McAtee, MD, VA, NC, FL, MS, IN, IL (30).
minuenda Ball, NC, FL (30).
neomaculata Caldwell, FL (30).
obscura (Ball), ME, CT, VA, NC, GA, FL, MS, IL, MI, WI (30).
redusa McAtee, MD, VA, NC, FL, KY (30).
vulgaris (Fitch), CT, VA, NC, GA, IL, MI (30).

Sayiana Ball

sayi (Ball), NY, FL (43); IL (64).

Amalopota Van Duzee

fitchi Van Duzee, NY, PA, NC, GA, FL, MS, TN, OH (43); IL (64).
mcateeai Dozier, MS (43), IL (64).

uhleri Van Duzee, NY, FL, MS, TN, OH, IN, IL, MN (43).

Anotia Kirby

bonnetii Kirby, CT, NY, NJ, NC, GA, FL (43); IL (64).
burnetii Fitch, NY, PA, NC, MS, IN, IL, (43).
kirkaldyi Ball, PA, NC, MS (43); IL (64).
robertsonii Fitch, NJ, PA, FL (43).
westwoodii Fitch, NY, NJ, PA, NC, OH (43); IL (61).

Otiocerus Kirby

abbotii Kirby, CT, NY, NC, GA, FL, OH, IN, (43), IL (64); MN (43).
amyotii Fitch, CT, NY, NJ, PA, DC, NC, GA, OH (43); IL (64).
coquebertii Kirby, NH, MA, CT, NY, NJ, PA, MD, NC, OH, IN, IL, MN (43).
francilloni Kirby, NY, NJ, GA, FL, OH (43); IL (64).
kirbyii Fitch, NY, NC, MS, AL (43).
reamurii Kirby, NY, GA, OH (43).
signoretii Fitch, NY, NJ, PA (43).
stollii Kirby, NY, NJ, PA, NC, GA, FL, MS, LA, OH, (43); IL (64).
wolfii Kirby, NY, NJ, PA, MD, NC, GA, FL, MS, OH, IL (43).

Apache Kirkaldy

degeeri Kirby, ME (60); NH, MA, CT, NY, NJ, PA, MD, NC, GA, FL, MS, LA, TN, OH, IN, IL, MN (43).

Shellenius Ball

ballii (McAtee), MD, FL, MS, OH (43); IL (64).
schellenbergii (Kirby), NY, NJ, GA, FL, MS, OH (43); IL (64).

Family DICTYOPHARIDAE Spinola

Nersia Stål

florens Stål, SC, GA, FL, MS (44); IL (64).
florida Fennah, FL (44).

Mitrops Fennah

dioxys (Walker), NJ, MD, MS (44).

Rhynchosmitra Fennah

lingula (Van Duzee), NY, NJ, NC, SC, FL, MS (44).
microrhina (Walker), NY, NJ, NC, SC, FL, MS, LA (44); IL (64).
recurva (Metcalf), NC (39).

Phylloscelis Germar

atra Germar, MA, CT, NY, NJ, PA, MD, DC, VA, NC, SC, GA, FL, MS, TN, OH, IN, IL (44).

pallidescens Germar, MA, NY, NJ, PA, MD, NC, FL, MS, OH (44); IL (64).

rubra Ball, NY, NJ, FL, MS (44).

Scolops Schaum

angustatus Uhler, MA, CT, NY, NJ, MD, DC, NC, GA, FL, MS, LA, OH, IN (44); IL (64); MN (44).

grossus Uhler, NJ^d, IL^d (44).

hesperius Uhler, MA^d (44).

osborni Ball, OH^d (44).

perdix Uhler, MA, NY, NJ, MD, DC, VA, NC, SC, FL, MS, OH, IL (44).

pungens (Germar), CT, NY, NJ, PA, MD, DC, NC, SC, FL, MS, LA, KY, OH, IL, WI (44).

stonei Breakey, NC, GA, FL, MS (44).

sulcipes (Say), ME, VT, MA, RI, CT, NY, NJ, PA, MD, DC, VA, NC, FL, MS, KY, OH, IN, IL, MI, WI, MN (44).

uhleri Ball, NC^d (20).

Family *FULGORIDAE* Dumeril

Poblicia Stål

fuliginosa (Olivier), NC, MS, OH (45); IL (64).

Calyptoproctus Spinola

marmoratus Spinola, GA, MS (45).

Cyropotus Stål

belfragei Stål, MD, VA, NC, SC, FL, MS, AL, TN (35); IL (64).

reinekei Van Duzee, NC, (20); SC, GA, FL, MS, AL (35).

Alphina Stål

glauca (Metcalf), MS (45).

Amycle Stål

vernalis Manee, NC, GA (45).

Family *ACHILIDAE* Stal

Catonia Uhler

bicinctura Van Duzee, NC, GA, FL, OH, MI (54).

carolina Metcalf, MD, VA, NC, SC, GA, FL, TN, OH, IL (54).

cinctifrons (Fitch), NH, MA, CT, NY, NJ, PA, DE, MD, VA, NC, SC, GA, FL, OH (54); IL (64).

lunata Metcalf, NJ, MD, VA, NC, SC, GA, FL, MS, AL, OH (54).

nava (Say), NY, MD, VA, NC, GA, FL, MS, LA, OH, IN (54); IL (64).

picta Van Duzee, CT, NJ, VA, NC, GA, FL, MS, AL (54).

pinii Metcalf, NC, GA, FL, MS, LA (54).

pumila Van Duzee, NH, MA, NY, NJ, PA, MD, VA, NC, SC, GA, AL, LA, TN, OH, IN (54); IL (64); MN (54).

Opsiplanon Fennah

lueellus (Metcalf), GA, FL (54).

Synecdoche O'Brien

dimidiata (Van Duzee), ME, NH, RI, CT, NY, NJ, PA, MD, VA, WV, NC, GA, FL, OH (54).

grisea (Van Duzee), CT, NY, PA, MD, VA, NC, KY, OH (54); IL (61); MI (54).

impunctata (Fitch), ME, NH, MA, CT, NY, NJ, PA, VA, WV, NC, GA, TN, OH, IN, IL, MI (54).

Epiptera Metcalf

brittoni Metcalf, CT, NY, NC (46).

colorata (Van Duzee), NY (46).

fusca (Walker), RI, NY, NJ, FL (46); MS (32).

opaca (Say), NH, MA, NY, NJ, PA, MD, NC, SC, GA, MS, TN, OH, IN (46); IL (64).
pallida (Say), NH, NY, NJ, PA, DC, FL, MS (46).
septentrionalis (Provancher), NH, NY, NJ (46).
slossoni (Van Duzee), NH, NY (46).
variegata (Van Duzee), ME, NH, CT, NY, NJ, VA, NC, OH (46); IL (64).

Family *TROPIDUCHIDAE* Stal

Neurotmeta Guerin-Meneville
 sponsa (Guerin-Meneville), FL (48).
Pelitropis Van Duzee
 rotulata Van Duzee, NC, FL, MS (48).
Monopsis Spinola
 tabida Spinola, FL (48).

Family *FLATIDAE* Spinola

Leptomenis Melichar
 relicta Fabricius, NCⁱ, SCⁱ(50).
Ormenis Stal
 proxima (Walker), FL (50).
Anormenis Melichar
 chloris Melichar, NC (50).
 septentrionalis (Spinola), CT, NY, NJ, PA, MD, DC, VA, NC, SC, GA, FL, MS, TN, OH, IN, IL (50).
Ormenooides Melichar
 venusta (Melichar), VA, NC, SC, GA, FL, MS, TN, OH, IN (50); IL (64).
Metcalfa Caldwell and Martorell
 pruinosa (Say), MA, RI, CT, NY, NJ, PA, DE, MD, DC, VA, NC, GA, FL, MS, LA, TN, KY, OH, IN, IL, MI, MN, (50).
Ormenaria Metcalf and Bruner
 rufifascia (Walker), GA, FL (27).
Mistharnophantia Kirkaldy
 sonorana Kirkaldy, FL (50).
Cyarda Walker
 acuminipennis (Spinola), FL (50).
 melichari Van Duzee, DC, NC, FL, MS (50); IL (64).
Flatooides Guerin-Meneville
 concisa Metcalf, FL (50).
Flatooidinus Melichar
 acutus (Uhler), GA, FL (50).
 punctatus (Walker), GA, FL (50).
 scabrosus (Melichar), GA (50).

Family *ACANALONIIDAE* Amyot and Serville

Acanalonia Spinola
 bivittata (Say), ME, MA, CT, NY, NJ, PA, MD, DC, VA, WV, NC, SC, GA, FL, MS, AL, LA, KY, OH, IN, IL, MI, WI, MN (49).
 concinna Fowler, FL (49).
 conica (Say), DE, MD, VA, NC, GA, FL, MS, AL, LA, TN, KY, OH, IN, IL (49).
 latifrons (Walker), PA, NC, SC, GA, FL, MS, LA (49).

pumila (Van Duzee), NC, FL (49).
servillei Spinola, NY, PA, FL, LA (49).
virescens (Stål), FL (49).

Family *ISSIDAE* Spinola

Fitchiella Van Duzee

robertsonii (Fitch), NY, PA, MD, FL, MS, OH, IN, IL (51).

Brachomorpha Newman

abrupta Ball, FL (51).

dorsata Fitch, CT, NY, NJ, PA, NC, MS, OH, IL, WI (51).

jocosa Stål, NJ, DC, VA, NC, SC, FL, MS (51); IL (64); WI (51).

minima Metcalf, NC, FL (51).

mormo Kirkaldy, NC^d (51).

nodosa Doering, LA (51).

oculata Newman, ME, NH, VT, CT, NY, NJ, PA, MD, VA, NC, FL, MS, OH, IN, IL, WI, MN (51).

pallidipes Stål, DC, VA, SC, FL, MS, AL, LA (51); IL (64).

suturalis Melichar, NC^d, FL^d, MS^d (51).

tenebrosa Doering, FL (51).

tristis Stål, CT, NY, NJ, DC, NC, FL (51); IL (64); WI, MN (51).

Aphelonema Uhler

decorata (Van Duzee), NJ, FL (51).

histrionica (Stål), NH, MA, NY (51); IL (61); MI, WI, MN (51).

nigriviridia Ball, FL (51).

obscura Van Duzee, GA, FL, MS (51).

rugosa (Ball), MD^d, MN (51).

simplex Uhler, CT, NJ, MD, VA, FL, MS, OH (51); IL (64).

viridis Dozier, MS (51).

Hysteropterum Amyot and Serville

fuscomaculosum Doering, FL (51).

punctiferum Walker, NJ, GA, FL (51).

Thionia Stål

bullata (Say), NY, NJ, PA, DC, NC, SC, GA, FL, MS, AL, LA, TN, OH, IN (51); IL (64).

elliptica (Germar), NJ, DC, NC, GA, KY, OH (51); IL (64).

quinquata Metcalf, NC, GA (51).

simplex (Germar), NJ, MD, DC, VA, NC, SC, FL, MS, AL, TN, KY, OH (51); IL (64).

^aplus 1 unpublished new species [see Mead (38)].

^bsynonym of *C. basalis* Van Duzee [see Beirne (19)].

^cthis species was placed in *Pseudocixius* by Caldwell (25). *Cixius* is currently being revised by J.P. Kramer (pers. comm.) and his review may change the placement of this species.

^drecord possibly in error.

^eMorgan and Beamer (52) state that this species "is not a *Pissonotus*" but do not indicate in which genus it belongs.

^frecord in error [see reference listed in Metcalf (43)].

^gmay not be *D. magna* [see Wilson (61)].

^hplus 6 unpublished new species [see Flynn (30)].

ⁱMetcalf (50) listed locality as "Carolina".

ACKNOWLEDGMENTS

We wish to thank Dr. Lois B. O'Brien, Department of Entomology, Florida A & M University, Tallahassee, for suggesting this project, and for providing us with a list of planthoppers which facilitated completion of this paper.

LITERATURE CITED

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