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NEW DISTRIBUTION RECORDS OF SCOLYTIDAE FROM INDIANA AND FLORIDA

Mark Deyrup¹ and Thomas H. Atkinson²

ABSTRACT

Twenty-three new state records are provided for Florida and Indiana Scolytidae; 92 species are now known from Indiana, 112 from Florida.

While reviewing our collections of Scolytidae for a study reported in this journal, we found a number of records of species not previously reported from Indiana in a faunal review by Deyrup (1981) or from Florida in the comprehensive monograph by Wood (1982). We add 14 and subtract two species from the Indiana list, for a total of 92 species known from the state. We add nine species to the Florida fauna, for a total of 112 species. The specimens are in the collections of T. H. Atkinson (THA), Archbold Biological Station (ABS), Stephen L. Wood (SLW), and Florida State Collections of Arthropods (FSC). All identifications were made by the authors, with the exception of Indiana species of *Hylocurus* and *Xyleborus*, which were identified by Stephen L. Wood of Brigham Young University.

INDIANA

- Crypturgus alutaceus* Schwarz. Clark Co. State Forest, in gallery of *Ips grandicollis* (Eichhoff) in *Pinus virginiana* Mill.
- Crypturgus borealis* Swaine. Indiana Dunes State Park, Porter Co., in gallery of *Pityogenes hopkinsi* Swaine in *Pinus strobus* L.
- Crypturgus pusillus* (Gyllenhal). Deleted from Indiana list. Specimens listed (Deyrup 1981) are *C. alutaceus* and *C. borealis*.
- Dendroctonus terebrans* (Olivier): Clark Co. State Forest, in *Pinus virginiana*.
- Dendroctonus valens* LeConte. Pokagon State Park, Steuben Co., in *Pinus sylvestris* L.
- Hylastes porculus* Erichson. Indiana Dunes State Park, Porter Co., in roots of *Pinus strobus*. Clark Co. State Forest, in roots of *Pinus virginiana*.
- Hylastes tenuis* Eichhoff. W. Lafayette, Tippecanoe Co., in flight. Clark Co. State Forest, in roots of *Pinus virginiana*.
- Hylocurus bicornus* Blackman. Delete from Indiana list. Specimens listed (Deyrup 1981) refer to next species.
- Hylocurus binodatus* Wood. W. Lafayette, Tippecanoe Co., in branches of *Carya ovata* (Mill.) K. Koch.
- Hylocurus torosus* Wood. Turkey Run State Park, Parke Co., in branches of *Carya ovata*. Shakamak State Park, Clay Co., in branches of *Carya ovata*.
- Liparthrum squamosum* (Blackman). Clark Co. State Forest, in twigs of *Maclura pomifera* (Raf.) Schneid.

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- Pityogenes plagiatus* (LeConte). Clark Co. State Forest, in branches of *Pinus virginiana*.
Pityophthorus cariniceps LeConte. Clifty Falls State Park, Jefferson Co., in branches of
Pinus strobus; Indiana Dunes State Park, Porter Co., in branches of *P. banksiana*
 Lamb.
Pityophthorus liquidambarus Blackman. Clark Co. State Forest, in branches of
Liquidambar styraciflua L.
Pityophthorus pulchellus Eichhoff. Hovey Lake, Posey Co.
Xyleborus planicollis Zimmermann. W. Lafayette, Tippecanoe Co., in light trap.

Specimens of all species are in the ABS collection except for *X. planicollis* (SLW) and *P. pulchellus* (FSC).

FLORIDA

- Araptus* sp. (*accinctus* Wood?). Monroe Station, Collier Co., in dead stem of
Sarcostemma sp., one female specimen (ABS). First representative of genus known
 from U.S.
Chramesus hicoriae LeConte. Gainesville, Alachua Co., in fallen branch of *Carya*
illinoensis (Wang.) K. Koch; in window trap in hardwood hammock (THA).
Corythylus punctatissimus (Zimmermann). Relay Management Tract, Flagler Co., in
 window trap with ethanol (THA).
Hylurgopinus rufipes (Eichhoff). Highlands Hammock State Park, Highlands Co., in
 bole of *Ulmus americana* L. (ABS).
Phloeosinus dentatus (Say). Gainesville, Alachua Co., in *Juniperus silicicola* (Small)
 Bailey (THA).
Phloeotribus frontalis (Olivier). Gainesville, Alachua Co., in *Morus rubra* L. (THA).
Pityophthorus pullus (Zimmermann). Gainesville, Alachua Co., in *Pinus elliotti*
 Engelm., Tallahassee, Leon Co. (FSC).
Scolytus quadrispinosus Say. Gainesville, Alachua Co., in *Carya* sp. (THA).
Xyleborus tachygraphus Zimmermann. Relay Management Tract, Flagler Co., in win-
 dow trap with ethanol (THA).
Xylosandrus crassiusculus (Motschulsky). This species was recently reported from
 extreme northern Florida by Chapin and Oliver (1986). It also occurs on the Archbold
 Biological Station, Highlands Co., at Lake Worth, Palm Beach Co., and Collier-
 Seminole State Park, Collier Co. (ABS, FSC). This exotic species is therefore widely
 distributed in Florida, but unlike many exotic scolytids, seems to occur at very low
 population levels.

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