

## BROOD XIII -- 17-Year Cicadas (*Magicalada*)

### SUMMARY OF VOUCHER-CONFIRMED SPECIES LOCALITIES \*

Thomas E. Moore, 2007 (revised 3/30/07)

**ILLINOIS--BUREAU Co.:** I-80, Ill. 29 Junction, 12 June 1973, *septendecim*, *cassini*. **CHAMPAIGN Co.:** Urbana, May 1956, *septendecim*; 8 June 1956, species unknown (nymphal cast). **COOK Co.:** Brookfield, 1956, *septendecim*; Chicago, 11 June 1888, 18 June 1939, 5 July 1939, 1 August 1956, 17 June 1957 (1956 straggler ?), *septendecim*; Chicago Heights, May 1956, *septendecim*, *cassini*, 12 June 1969, *cassini* (probably) or *septendecula* (1973 stragglers?), June 1986, *septendecim*, *cassini*, (1990 stragglers ?), 6 June 1990, just north of U.S.-30 near a forest preserve park, *septendecim*, *cassini*; I-294 (Forest preserve 3 miles north of East-West Tollroad), 14 June 1973, *septendecim*, *cassini*; LaGrange to Libertyville, 9 June 1956, *septendecim*, *cassini*; LaGrange, June 1969, species unknown (cast skins) (1973 stragglers?); Lansing (just south of Ill. 83), 11 June 1973, *cassini*; Mt. Greenwood, 9 June 1956, *septendecim*; Orland Park to La Grange, 19 June 1956, *septendecim*, *cassini*; Palos Park, 30 August 1922, *septendecim*, 16 June 1956, 6 July 1956, *septendecim*, *cassini*; Park Forest, 5 June 1956, *septendecim*; Raccoon Grove Forest Preserve, 13-20 June 1956, *septendecim*, *cassini*, 6 June 1990, no cicadas heard singing here at all; River Grove, June 1956, 6 July 1956, *septendecim*, *cassini*; U.S.-30 (at the Illinois-Indiana border), 11 June 1973, *cassini*; Western Springs, 17 June 1956, *septendecim*, *cassini*; Willow Springs, 1918, 19 June 1918 (1922 stragglers?), 30 May 1922, *septendecim*; Winnetka, summer 1956, *septendecim*; Worth, 12 June 1956, *septendecim*. **DE KALB Co.:** Sandwich, 1956, *septendecim*, 3 June 1956, species unknown. **DE WITT Co.:** Dewitt, 9 June 1969, species unknown (cast skins) (1973 stragglers?, or Brood XIX-1972 stragglers?). **DU PAGE Co.:** Des Plaines, 22-23 June 1990, *septendecim*, *cassini*; Downers Grove, June 1956, *septendecim*, *cassini*, 11 June 1973, *septendecim*, *cassini*; Hinsdale, May 1956, *septendecim*, *cassini*, 11 June 1956, 17 June 1956, *septendecim*, *cassini*, first week of June 1969, *septendecim* (1973 stragglers?), June 1986,

*septendecim, cassini* (1990 stragglers?); Lisle, 11 June 1969, species unknown (cast skins) (1973 stragglers?), 14 June 1973, *septendecim, cassini*; Woodridge (Ill. 53 and 75th Street junction), 14 June 1973, *septendecim, cassini*; 10 June 1973, *septendecim*. **EDGAR Co.:** Paris, 1956, *septendecim*; 1 April 1956, species unknown (nymph). **GRUNDY Co.:** Morris, 18 June 1956, *septendecim, cassini*; I-55 (just southwest of Will Co. line, 0.25 miles northeast of milepost 206), 12 June 1973, *cassini*. **KANE Co.:** 3 miles south of Elburn, 1956, *septendecim*. **KANKAKEE Co.:** Bourbonnais, 17 June 1956, *septendecim, cassini*; Kankakee, 17 June 1939, *septendecim*. **KENDALL Co.:** Minooka (along I-80, mile 120, bridge at Aux Sable Creek), 14 June 1973, *septendecim, cassini*. **LAKE Co.:** Highland Park, 1956, *septendecim*, June 1969, *septendecim* (1973 straggler?); Lake Forest, May 1905, 19 June 1973, *septendecim*; Libertyville, 1956, *septendecim*; Ravinia, 2 July 1905, *septendecim*; Ill.-22 & Ill.-43 junction, 14 June 1973, *septendecim, cassini*; I-94 & Ill.-27 junction, 14 June 1973, *septendecim*. **LA SALLE Co.:** I-80 (at Ill.-70 overpass), 14 June 1973, *septendecim, cassini*; Illini State Park (south of Marseilles), 14 June 1973, *septendecim, cassini*; Marseilles (just north), 14-18 June 1956, *septendecim, cassini*; Ottawa (just northeast), June 1956, *septendecim, cassini*, 18 June 1956, *septendecim, cassini*, June 1969, *septendecim, cassini* (1973 stragglers?), 5 June 1973, *cassini*; Seneca (south along Ill.-170, and at the junction of Ill.-170 & U.S.-6), 14 June 1956, *septendecim, cassini*; Starved Rock State Park, 27 May 1939, *septendecim*. **LEE Co.:** Lowell Park, 18 June 1956, *septendecim*. **LIVINGSTON Co.:** Cornell, 12 June 1973, *septendecim, cassini*, 7 June 1990, *septendecim, cassini*; Dwight, June 1956, *cassini*; Pontiac, 18 June 1956, *septendecim, cassini, septendecula*, 12 June 1973, *cassini*, (near VFW Club and the headquarters of Futures Unlimited), 12 June 1973, *septendecim, cassini*; Vermilion River (tributary south of Pontiac), 12 June 1973, *septendecim, cassini*; (northwest of Cornell), 12 June 1973, *septendecim, cassini*. **MARSHALL Co.:** near Henry, 28 May 1956, *septendecim*, east of Henry and the intersection of Ill.-18 & Ill.-29 about 3.5 mi. on unmarked and un-numbered road, 7 June 1990, *septendecim, cassini, septendecula*. **MASON Co.:** along Salt Creek at boundary of Menard Co., 9 June 1990, *cassini*. **MC DONOUGH Co.:** Macomb, 1939, 1956 [Yale Sedman remembers a huge

emergence at Argyle Lake State Park and Macomb in 1956, shortly after he moved to Macomb, but he collected no specimens], 1973, species unknown, 30 May 1972 (1973 straggler?), species unknown (Stannard, 1975, probably incorrectly listed for Brood XIX ?), 11 June 1973, *septendecim*. **MC HENRY CO.:** Algonquin, 12 June 1956, *septendecim, cassini*. **MC LEAN CO.:** Kappa, on both sides of river, June 1956, *septendecim, cassini*., right by the Mackinaw River, south of Kappa, 8 June 1990, *septendecim, cassini*. **MENARD Co.:** North of Greenview, 1956, *septendecim*; along Salt Creek at the boundary of Menard and Mason counties, 9 June 1990, synchronized chorus, *cassini*. **OGLE Co.:** Oregon, June 1905, *septendecim*; Sinnissippi State Forest, near Oregon, 12 April 1956, species unknown (nymph), 18 June 1956, *septendecim*. **PEORIA Co.:** Peoria (Detwiler Park), 4 June 1905, *septendecim*, 8 June 1956, *septendecim*; Jubilee College St. Park, 16 June 1990, *septendecim*, 8-10 June 1990, *septendecim, cassini*. **PIATT CO.:** 1939, 1956, 1973 (or Brood XIX stragglers?); 1936, 1953, 1970 (or Brood X or Brood XIII or Brood XIX stragglers?), *septendecim, cassini*. **PUTNAM Co.:** Ill.-18, hills descending to the Illinois River, 12 June 1973, *septendecim, cassini, septendecula*; Magnolia (west along Ill.-18), 13 June 1956, *septendecim*, 12 June 1973, *septendecim, cassini*; Putnam, south, along Ill.-29, 12 June 1973, *septendecim, cassini*; south of Hennepin, hills east of Ill.-26, 7 June 1990, *septendecim, cassini* (and perhaps *septendecula* heard—could not reconfirm). **ROCK ISLAND Co.:** Moline, 1956, *septendecim*. **SANGAMON Co.:** northeast of Springfield, 1956, *cassini*; 5 miles northeast of Springfield, 26 June 1956, *septendecim*. **TAZEWELL Co.:** East Peoria, just east of the eastern edge of Peoria, off I-74 east of Washington Street, 8-9 June 1990, *septendecim, cassini*.; south and west of Goodfield, corner of county, near Mackinaw River, 8 June 1990, *septendecim, cassini*. **WILL Co.:** Crete, 22 June 1888, *septendecim*, June 1969, *septendecim, cassini* (1973 or Brood XIX-1972 stragglers?); Joliet, 1956, *septendecim*; Mokena, 1956, *septendecim*; New Lenox (near U.S. 30-W), 12 June 1973, *septendecim, cassini*; Raccoon Grove Park (Monee-Peotone area), 15 June 1973, *septendecim, cassini*; Shorewood (along the Du Page River, near junction of Ill. 59 and U. S. 52), 14 June 1973, *septendecim, cassini*. **WOODFORD Co.:** Kappa (on both sides of the

river), 18 June 1956, *septendecim, cassini*; Mackinaw River, (along U. S. 150), June 1956, *septendecim, cassini*; same area south of Kappa, on both sides of river, 8 June 1990, *septendecim, cassini*. **County Unknown:** Marla, 25 June 1922, *septendecim, cassini*.

**INDIANA--LAKE Co.:** Crown Point, June 1939, *septendecim*, 11 July 1956, *septendecim, cassini*; along U. S. 41 between Saint John and Schererville, 11 June 1973, *septendecim, cassini*; Schererville, 11 June 1973, *septendecim, cassini*; U. S. 30 (at the Illinois-Indiana border), 11 June 1973, *cassini*. **LA PORTE Co.:** 16 July 1956, *septendecim*.

**PORTER Co.:** 11 July 1956, *septendecim*; Valparaiso, 21 June 1956, *septendecim*.

**IOWA--BENTON Co.:** Shellsburg, June 1969, *cassini* (1973 stragglers?). **CEDAR Co.:** Tipton, July 1888, *septendecim*. **DUBUQUE Co.:** Dubuque, 30 June 1888, *septendecim*; U. S. 51 (Dubuque Co. Recreation Board, Recreation Park), 13 June 1973, *septendecim, cassini*. **IOWA Co.:** Homestead, June 1969, species unknown (cast skins) (1973 stragglers?); 3 June 1970 (1973 straggler?), *septendecim*; Marengo, 6 June 1969, *cassini*, possibly *septendecula*, (1973 stragglers?). **JOHNSON Co.:** Coralville Reservoir (wooded hills above), 13 June 1973, *septendecim, cassini*; Cosgrove (0.5 miles south), 18 June 1969, *cassini* (1973 stragglers?); Graham Township, Section 17 (John Hatcher Farm), 23 June 1969, *cassini* (1973 stragglers?); Hills, 13 June 1973, *septendecim, cassini*; Iowa City, 1922, *cassini*, (5 miles south), 12 June 1956, *septendecim, cassini, septendecula?*, 16 June 1969, *cassini* (1973 stragglers?), (south, off U.S.-218), 13 June 1973, *septendecim, cassini*; Ranch Supper Club area (north of Iowa City), 13 June 1973, *septendecim, cassini*; Tiffin (1 mile west), 13 June 1969, *cassini* (1973 stragglers?). **LINN Co.:** Cedar Rapids, June 1969, species unknown (cast skins) (1973 stragglers?); Fairfax, July 1888, 1889 (1888 stragglers?), *septendecim*; near Fairfax (northeast of Iowa-49), 13 June 1973, *septendecim, cassini*; Pallasade State Park, 20 June 1956, *septendecim*; Palo (4 miles north), June 1969, species unknown (cast skins) (1973 stragglers?). **MUSCATINE Co.:** Muscatine, 26 May 1940, *septendecim, cassini* (1939 stragglers?); Nichols, June 1969, species unknown, (cast skins) (1973 stragglers?). **SCOTT Co.:** Davenport, 12 June 1871, *septendecim*; Scott Co. Park, 16 June 1990, *septendecim*. **TAMA Co.:** 23 June 1956, *septendecim, cassini*,

*septendecula?*; Tama (N. Highway-30, 9 miles east of Tama), 22 June 1956, *cassini*. **Co.**

**UNKNOWN:** (no additional information--from North Dakota State University), May 1940, *septendecim* (1939 straggler?).

**WISCONSIN—COLUMBIA Co.:** 1956, *septendecim*. **CRAWFORD Co.:** 1956, *septendecim*; June 1973, *septendecim*; isolated populations, June 1990, *septendecim*. **DANE Co.:** Madison, 1922, *septendecim*, June 1924 *septendecim* (1922 straggler?), May-June 1939, *septendecim*; June 1973, species unknown (Renlund, 1974); June 1973, *septendecim*; isolated populations, esp. near Mazomanie, June 1990, *septendecim*. **GRANT Co.:** 1956, *septendecim*; heavy populations in southwest, June 1973, *septendecim*; species unknown (Renlund, 1974); isolated populations, esp. near Wyalusing State Park, June 1990, *septendecim*. **GREEN Co.:** Brodhead, 8 June 1922, *septendecim*; heavy populations, June 1973, *septendecim*. **IOWA Co.:** 30 miles west of Madison, June 1939, *septendecim*; 1956, *septendecim*; Dodgeville, "in field" T74, R3E, S32, 23 June 1973, *septendecim*; heavy populations, June 1973, *septendecim*; species unknown (Renlund, 1974); isolated populations, esp. near Dodgeville, June 1990, *septendecim*. **LAFAYETTE Co.:** White Oak Springs, 28 June 1888, *septendecim*; 1956, *septendecim*. **MILWAUKEE Co.:** Milwaukee, 1955 (1956 stragglers?), *septendecim*. **RICHLAND Co.:** 1956, *septendecim*; especially near Ithaca, heavy populations, June 1973, *septendecim*; June 1973, species unknown (Renlund, 1974), isolated populations, June 1990, *septendecim*. **ROCK Co.:** 1956, *septendecim*; Beloit, May 1956, 9 June 1956, *septendecim*, *cassini*; heavy populations, June 1973, *septendecim*; isolated populations, esp. near Janesville & Evansville, June 1990, *septendecim*. **SAUK Co.:** North Freedom, 3 July 1885 (1888 straggler?), *septendecim*; Kilbourn City, 7 June 1888, *septendecim*; 1956, *septendecim*; Devil's Lake State Park, 11 June 1973, *septendecim*; Baraboo, White Mound, near Plain & Spring Green, June 1973, *septendecim*; heavy populations, June 1973, *septendecim*; June 1973, species unknown (Renlund, 1974); esp. near Devil's Lake State Park, 20 June-5 July 1990, *septendecim*; isolated populations, esp. Troy Twp. and Bear Creek Twp., June 1990, *septendecim*. **WALWORTH Co.:** Lake Geneva, 8 June 1939, *septendecim*; 1956, *septendecim*; 18 June 1973, *septendecim*;

June 1973, species unknown (Renlund, 1974); first noted on 7 June, adults active until 2 July 1973, *septendecim*; heavy populations, esp. near Lake Geneva, June 1990, *septendecim* and *Massospora cicadina* fungus.

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\* Based on museum specimens, tape-recordings, mostly by T.E. Moore and UMMZ, on peer-reviewed publications, and on available field notes of competent observers.

Additional sources of records by species:

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