

CATOCALÆ TAKEN IN THE VICINITY OF FRANKFORD,
PENNSYLVANIA.

BY JAMES S. JOHNSON.

NAME.	OCCUR- RENCE.	CAPTURES.	EARLIEST CAPTURE.	LATEST CAPTURE.	DURATION, DAYS.	FOUND ON
<i>Epione</i> .	Not common.	Every season.	July 10, 1880.	July 23, 1881.	19	Oak and chestnut.
<i>Lachrymosa</i> .	Rare.	3 specimens.	Sept. 4, 1877.	Sept. 7, 1881.	4	Oak.
<i>Obscura</i> .	Not common.	Every season.	July 10, 1880.	Sept. 27, 1881.	18	Hickory and oak.
<i>Angusii</i> .	Rare.	5 specimens.	Sept. 3, 1880.	Sept. 7, 1881.	5	White and black oak.
Var. <i>Lucetta</i>	Rare.	3 specimens.	Sept. 3, 1880.	Sept. 8, 1877.	6	" "
<i>Ulalume</i> .	Rare.	1 specimen.		Sept. 27, 1881.		Black oak.
<i>Insolabilis</i> .	Not common.	Every season.	July 8, 1880.	Sept. 3, 1881.	63	Hickory and oak.
<i>Robinsonii</i> .	Not common.	Every season.	Aug. 10, 1880.	Sept. 27, 1881.	49	" "
<i>Viduata</i> .	Very rare.	2 specimens.	Sept. 5, 1877.	Sept. 7, 1881.	3	Black oak and elm.
<i>Retecta</i> .	Not common.	Every season.	July 19, 1880.	Sept. 10, 1881.	54	Oak, hickory & chestnut
<i>Flebilis</i> .	Not common.	Every season.	July 26, 1877.	Sept. 27, 1881.	64	" " "
<i>Desperata</i> .	Common.	Every season.	Aug. 9, 1877.	Sept. 19, 1881.	42	" " "
<i>Tristis</i> .	Rare.	5 specimens.	July 14, 1877.	July 21, 1877.	8	Tulip, poplar and oak.
<i>Judith</i> .	} Rare.	Every season.	July 9, 1880.	Aug. 23, 1881.	46	Shell-bark hickory.
<i>Levetii</i> .						
<i>Cara</i> .	Not common.	Every season.	Aug. 6, 1880.	Sept. 13, 1880.	39	Oak and old stumps.
<i>Anatrix</i> .	Common.	Every season.	Aug. 9, 1880.	Oct. 10, 1877.	63	Beech, maple & willow
Var. <i>Nurus</i> .	Common.	Every season.	Aug. 17, 1880.	Oct. 10, 1877.	55	" " "
<i>Cocinnati</i> .	Very rare.	3 specimens.	July 14, 1880.	July 23, 1877.	10	Beech.
<i>Unijuga</i> .	Not common.	Every season.	Aug. 28, 1881.	Sept. 2, 1877.	25	Beech and willow.
<i>Marmorata</i> .	Very rare.	1 specimen.		Sept. 6, 1881.		White oak.
<i>Parta</i> .	Not common.	Every season.	July 21, 1877.	Oct. 10, 1877.	32	Beech, oak and willow.
<i>Ultronia</i> .	Not common.	Every season.	July 8, 1880.	Aug. 23, 1881.	47	" " chestnut.
<i>Concumbens</i> .	Very rare.	1 specimen.		Aug. 16, 1877.		Beech.
<i>Ilia</i> .	Common.	Every season.	July 1, 1880.	Sept. 10, 1881.	72	" "
<i>Inubens</i> .	Rare.	7 specimens.	Aug. 10, 1877.	Aug. 31, 1877.	22	" and chestnut.
Var. <i>Scintillans</i> .	Very rare.	2 specimens.	Aug. 18, 1877.	Aug. 29, 1877.	12	" "
<i>Piatrix</i> .	Not common.	Every season.	Aug. 10, 1877.	Sept. 6, 1881.	28	Walnut and oak.
<i>Subnata</i> .	Rare.	Every season.	July 14, 1880.	Aug. 22, 1881.	40	Beech.
<i>Neogama</i> .	Common.	Every season.	July 10, 1880.	Sept. 27, 1881.	80	" and oak.
<i>Paleogama</i> .	Common.	Every season.	July 11, 1880.	Sept. 19, 1881.	71	" "
Var. <i>Phalanga</i>	Rare.	Every season.	July 16, 1880.	Sept. 8, 1881.	55	" "
<i>Nebulosa</i> .	Very rare.	4 specimens.	July 26, 1877.	Sept. 27, 1881.	64	" "
<i>Serena</i> .	Not common.	Every season.	July 11, 1880.	Sept. 8, 1881.	60	Shell-bark hickory.
<i>Habilis</i> .	Common.	Every season.	July 25, 1880.	Sept. 27, 1881.	65	Oak, hickory & chestnut
<i>Cerogama</i> .	Not common.	Every season.	Aug. 8, 1880.	Aug. 27, 1881.	20	Oak and beech.
<i>Antinympa</i> .	Rare.	Every season.	Aug. 15, 1877.	Aug. 23, 1880.	9	Under brush and logs.
<i>Grynea</i> .	Not common.	Every season.	July 1, 1880.	July 24, 1881.	24	Oak and hickory.
<i>Gracilis</i> .	Not common.	Every season.	July 9, 1880.	July 29, 1877.	21	Oak.
Var. <i>Similis</i> .	Not common.	Every season.	July 10, 1880.	July 27, 1881.	18	" "
<i>Minuta</i> .	Rare.	4 specimens.	July 21, 1877.	July 28, 1881.	8	" "
<i>Linella</i> .	Common.	Every season.	July 4, 1880.	Sept. 1, 1881.	60	Black oak.
<i>Androphila</i> .	Common.	Every season.	July 14, 1880.	Sept. 8, 1881.	57	White oak.
<i>Amasia</i> .	Very rare.	3 specimens.	July 24, 1877.	Aug. 6, 1877.	14	" "