

ST. ADOLPHE, MB, 2018 NEST SITE OUTCOMES

Chimney Swifts using the five nest sites in St. Adolphe have been monitored annually since 2007. To estimate breeding success, behavioural observations (beh. obs.) + physical evidence (phys. evid.) seen in cleanout traps were used for the Brodeur Bros. and Main St. sites; only behavioural observations were available for the Club Amical and Church sites. Merci to our swift-friendly landowners, who are all MCSI Swift Champions: S. and A. Leclerc; Paroisse St. Adolphe; and the RM of Ritchot!

Extremely high heat and humidity characterized the weather this summer. Also, an extremely low mosquito count was noted. Feeding rates of Chimney Swifts were the lowest recorded since 2007. Atypical activity at the nest sites often challenged the interpretation of stages of nesting.

A successful nesting attempt was seen for the first time at the SE Club Amical site. In June 2009, Marcel Lagasse and Joe Brodeur rescued a trapped Chimney Swift after it squeezed out of a gap, between an interior faceplate and the SE chimney wall, and flew into the storage room off the men's washroom. In honour of that significant rescue, the notable success at the SE Club Amical nest site this year is dedicated to the memory of Marcel (1935-2018).

SITE	SPRING ARRIVAL (Roosting hour or daytime) n = number of swifts	NEST BUILDING - EGG LAYING (Daytime)	INCUBATION	FEEDING	FLEDGING n = number of swifts
SE CLUB AMICAL	May 20-25, n=2 (n=1 entering site was closely associated with n=1 upon exit). n=1 helper indicated June 4, confirmed June 27.	May 20-25	Start date unknown (beh. obs.); active June 27.	Hatching = June 25-27 (based on fledging date). n=1 helper confirmed onsite June 27.	July 24, n=2 (beh. obs.) -First record of successful breeding at this site. -Record for earliest date of fledging in St. A. (2007-2018).
NE CLUB AMICAL	May 20-21, n=2	1. May 20-21 2. July 3-5	1. Start date unknown (beh. obs.); active June 27. 2. July 4-7 based on date of hatching.	1. Nest failed June 28-July 1; hatching status unknown. 2. Hatching = July 24. Nest failed Aug. 7-17.	1. n=0 2. n=0
BRODEUR BROS.	May 26-31, n=1 June 4, n=2	June 4, n=2	Start date unknown (beh. obs.); active June 27.	Nest failed June 30-July 1 (beh. obs.) - brooded juveniles in nest (phys. evid.).	n=0 -6 half egg shells; no nest; clutch \geq 3 (partial contents Sept.; phys. evid.).
CHURCH	May 16, n=2 flyover roof, entry/exit by single swift.	May 16 June 4: twig collection by pair before entry.	Start date unknown (beh. obs.); active June 26.	Hatching = July 1 (beh. obs.); non-brooded July 6 (beh. obs.). Nest failed July 16-18 (beh. obs.).	n=0
MAIN ST.	May 21-24, n=1 entry/exit associated with n=1 flying. June 4, n=2	May 21-24	Start date unknown (beh. obs.); active June 26.	Hatching = June 27-30 (beh. obs.) Hatching = June 29-30 based on fledging date.	July 28, n=2 (beh. obs. + phys. evid.). - nest; 14 half eggs; 1 pipped unhatched egg; 5 carcasses \leq 1 day old; clutch size = 8 (phys. evid.).

These results are based on 104 hours of observations. For *spring arrivals* of Chimney Swifts in St. Adolphe, the maximum daytime group size seen in the air was: May 4 = 1; May 8 = 2; May 16 = 2; May 19 = 6; May 21 = 7; May 22 = 8; May 25 = 8-9; June 3 = 8. No. of adults in town over the summer = 11.

NB: the Brodeur Bros. 2016 clutch size has been adjusted to n=5 eggs (0 fledglings; phys. evid. Sept. '18)

(Prepared by B. E. Stewart, Sept. 23, 2018; sila@highspeedcrow.ca)