

SWALLOW ROOST MONITORING 2017

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Delivered by Nature Canada's Purple Martin Project in Partnership with:



INSTRUCTIONS:

Please fill out this survey to the best of your ability and complete a separate 'visit' form (page 2) for repeat visits to the same location. <u>Any photos and/or videos are of great help!</u> *Your Participation is greatly appreciated.* The information you contribute will help to identify important swallow roosting habitat and monitor the population status of these declining species in Canada.

The best time to look for roosts is at dusk and just before dawn. Station yourself at a safe and strategic location with good visibility of the surrounding habitat and scan the sky for birds. Before planning your excursion, make sure you have permission to access the site. Speak with Nature Canada or one of our partners about where roosts might be located in your area.



Roosting Site: A place where hundreds or thousands of birds <u>regularly</u> <u>gather to rest at night</u>. In Ontario, roosts begin to form in late July and last until mid-September. They can often be found in the wetland shorelines or marsh islets along the Great Lakes. At dusk, birds circle over the area and settle in. At dawn, they can be seen flying out in massive groups.



Staging Area: A location where hundreds or thousands of swallows and other birds assemble to rest and feed. Large numbers of birds can be seen perching on power lines or in tall trees <u>during the day or in</u> <u>the evening before they go</u> to roost for the night.



Foraging Habitat: Swallows can often be seen foraging for flying insects - often over agricultural area, wetlands, or at the waters edge.

PURPLE MARTIN PROJECT



Observer Information

Observer Name :

Date : Email :

Phone Number :

Full Mailing Address :

| | Site & | Habitat Description |
|---|------------|--|
| GPS Coordinates of Survey location (NA | D18T) : | Talked with Landowner : Yes No Land Ownership : Public Private Other : |
| E, | N | Notes: |
| | | Landowner Contact Information (if provided) |
| Address/Locality : | | Name of Company : |
| | | Name of Contact : |
| Primary Habitat Use (by swallows) : | | Position/Title : |
| Roost Staging Area | | Email : |
| Foragining Other : | | Phone: |
| | | Mailing Address : |
| | | |
| Check up to 3 boxes representing the domin within a 200 m radius surrounding the colony | | Description of how site was accessed and survey method : |
| Forested Voung, successional Mature | | |
| | | - |
| □ Hayfield | | |
| Open - Dry Shrubland | | |
| Pasture / grazing land Graphand | | |
| Cropland Abandoned cropland / fa | llow field | |
| D Marsh | | |
| Open – Wet | | |
| Bog | | |
| Human- | | |
| made Residential | | |
| | | |
| Other | | |

Description of visible threats to swallows or their habitat :

Other Notes (e.g., additional species records or habitat detail)

| Nature CANADA | Page 2 | | Visit D | Details | | |
|------------------|----------------------|------------|----------|---------|-----|-------------|
| Visit # | Date (dd/mm/yyyy) | Start Time | End Time | Wind | Sky | Other Notes |
| | | | | | | |

Species Observations

Please count and record numbers for each species observed. If you do not have exact numbers, feel free to provide a range (example: 50 - 100 adult, and 200 - 250 juvenile Purple martins). You can use the 'total' column if numbers were not recoded separately for juveniles and adults. Provide any additional details about the species behaviour under the 'notes' column.

| Species Name or 4 Letter Code | Total | Adults | Juveniles | Notes |
|-------------------------------|-------|--------|-----------|-------|
| Purple Martin | | | | |
| Tree Swallow | | | | |
| Bank Swallow | | | | |
| Barn Swallow | | | | |
| Cliff Swallow | | | | |
| Northern Rough-winged Swallow | | | | |
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| Beaufort | Wind Speed | Indicators of Wind Speed | Code | Indicators of Sky Condition |
|----------|-------------|--|------|---|
| No. | km/hr | | 0 | Clear or a few clouds |
| 0 | Less than 2 | Smoke rises vertically | 1 | Partly cloudy (scattered) or variable sky |
| 1 | 2 to 5 | Wind direction shown by smoke drift | 2 | Cloudy (broken) or overcast |
| 2 | 6 to 12 | Wind felt of face, leaves rustle | 4 | Fog or smoke |
| 3 | 13 to 19 | Leaves, small twigs in constant motion | 5 | Drizzle |
| 4 | 20 to 29 | Raises dust/loost paper, small brancges move | 7 | Snow |
| 5 | 30 to 38 | Small trees in leaf sway | 8 | Showers |