

## Breeding Bird Surveys in Stanley Park 2007-2009

To mitigate the effect of removing trees and woody debris on breeding birds in Stanley Park during the restoration efforts, bird surveys were conducted in May and June of 2007. The surveys were performed under the direction of lead biologist Sally Leigh-Spencer and were carried out by several Registered Professional Biologists (RPBios) and SPES staff. These surveys were done using RISC (Resource Information Standards Committee) standards which are used for similar projects across BC. The surveys focused on determining bird territories, and locating and marking nest sites before work proceeded. Nest sites were flagged and machine operators were careful to avoid these areas during road and trail clean-up. Additional sets of bird surveys were undertaken at all the blowdown sites and in several control areas, as an in-kind service provided by Jacques Whitford Consulting in cooperation with SPES and volunteer birders. These surveys provided great coverage of the Park and helped to instigate SPESs long term monitoring efforts. Table 1 below describes species recorded during the breeding surveys between 2007 and 2009.



**Spotted towhee nest found during Restoration 2007.**  
(Photo by Claudio Bianchini)

**Table 1: Summary of species recorded during May-June Breeding Bird surveys in Stanley Park between 2007-2009 (Known = heard consistently between years and during multiple replicates or nest sites, young observed; Possible = heard often but not between replicates; unlikely = heard on more than one survey but not consistently between replicates):**

<b>Known Breeders</b>	<b>Known Breeders cont.</b>	<b>Possible Breeders</b>
American robin	MacGillvary's warbler	band-tailed pigeon
Anna's hummingbird	Mallard	evening grosbeak
bald eagle	northern flicker	fox sparrow
barn swallow	northern rough-winged swallow	olive-sided flycatcher
bewick's wren	northwestern crow	Steller's jay
Black-capped chickadee	Pacific slope flycatcher	varied thrush
Black-headed grosbeak	pileated woodpecker	willow flycatcher
Black-throated grey warbler	pine siskin	
Brown creeper	red-breasted nuthatch	
Brown-headed cowbird	red-breasted sapsucker	<b>Suspected Breeders</b>
Bushtit	red-winged blackbird	belted kingfisher
Canada goose	rufous hummingbird	golden-crowned sparrow
Cedar waxwing	song sparrow	purple finch
chestnut-backed chickadee	spotted towhee	red crossbill
common raven	Swainson's thrush	red-eyed vireo
dark-eyed junco	Townsend's warbler	ruby-crowned kinglet
downy woodpecker	Violet-green swallow	western wood-Peewee
European starling	warbling vireo	yellow warbler
golden-crowned kinglet	western tanager	
great blue heron	White-crowned sparrow	
hairy woodpecker	wilson's warbler	
hammond's flycatcher	winter wren	
House finch	wood duck	
House sparrow	Yellow-rumped warbler	

To view interactive maps of the Breeding Bird monitoring stations please visit:

<http://stanleyparkecology.ca/GoogleMaps/breeding-bird.php>