

### Woodpecker Fun Facts:

■ A Woodpecker uses percussion to listen for resonance of insect tunnels. After chiseling a hole, the bird's specialized tongue, with sticky saliva and barbs at the end, extracts the insect or larva from its hiding place.

■ Woodpeckers release both feet in tandem while using their tail feathers as a brace when descending a tree. The tail feathers are used as a spring when ascending.

To view close-up photographs, videos, animations and more information about Puget Sound area woodpeckers, visit:

[www.pugetsoundbackyardbirds.com](http://www.pugetsoundbackyardbirds.com)



Northern Flickers have the longest tongues of any Puget Sound area woodpecker.



The Rufous Hummingbird migrates the longest distance of any bird per its size.

### Rufous & Anna's Hummingbird Fun Facts:

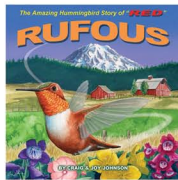
- Average 40 wing beats per second and 500 heartbeats per minute.
- Weigh about as much as two pennies.
- May consume up to three times their body weight in nectar and insects each day.
- Flight muscles make up about 1/3 of these birds' total body weight.

Please visit our website to see a Rufous Hummingbird nesting slide show-eggs to fledglings, wing beat animations, maps, hummingbird skeleton and much more.

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*Our Pacific Northwest Birds & Habitat*  
Almost 100 pages, packed with photographs of 196 local bird species. Many are close-ups.  
Book by Craig & Joy Johnson



*The Amazing Hummingbird Story of Red Rufous*  
About a Rufous Hummingbird born on Whidbey Island, by Craig & Joy Johnson.

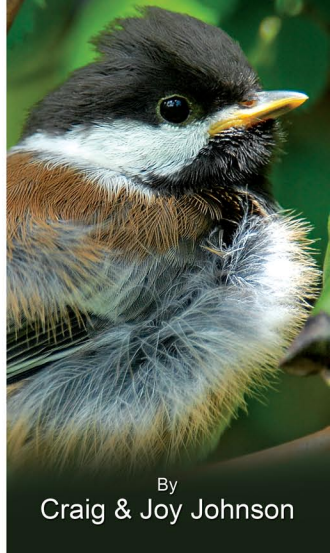
Books printed in Washington State 

To view book pages, more of Craig's avian photos, watercolor art and education, please visit:  
[www.pugetsoundbackyardbirds.com](http://www.pugetsoundbackyardbirds.com)

Brochure, including all photographs, by Craig Johnson © 2011  
Cover: Chestnut-backed Chickadee, juvenile

# Birding

## The Backyard & Creating Habitat



By  
Craig & Joy Johnson