

Exerpt from:

An Exploration of Molt in Woodpeckers

Danielle R. Kaschube and Peter Pyle

The Institute for Bird Populations

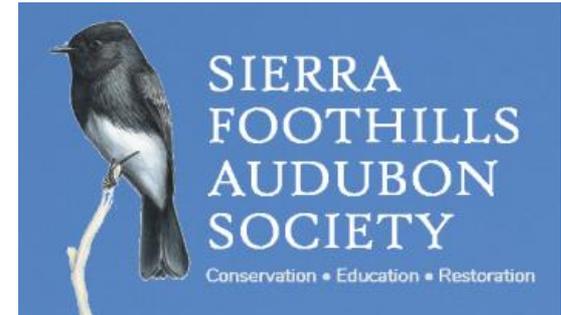
Western Bird Banding Association
October 2023 Webinar



The INSTITUTE for
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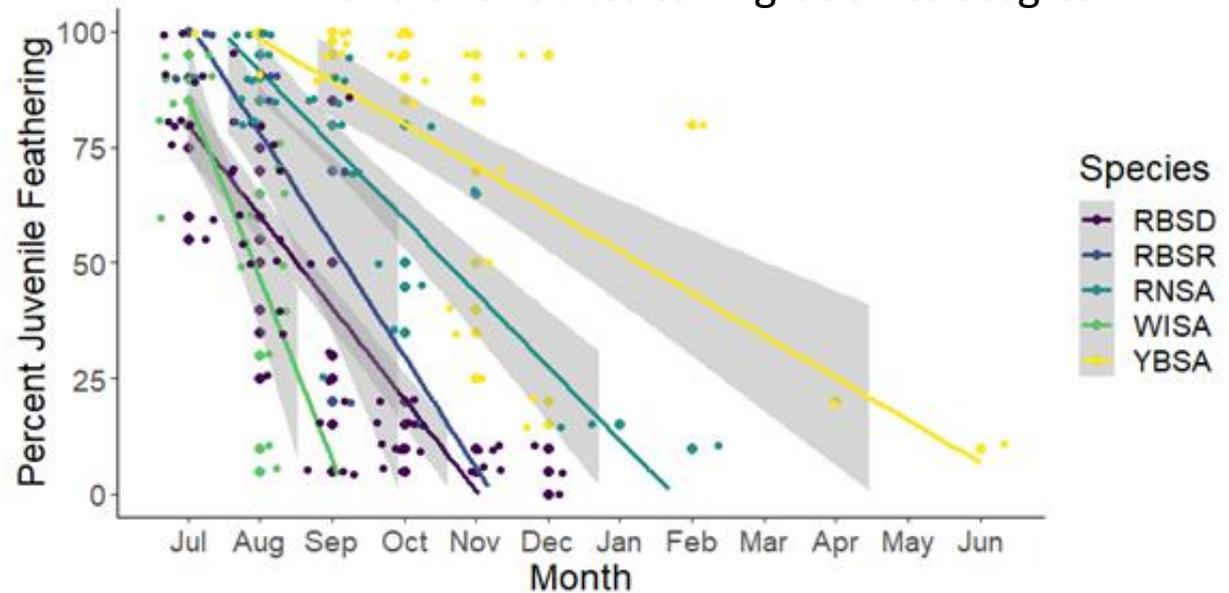
Molting strategies of sapsuckers (*Sphyrapicus*): Effects of migration distance and age through the fourth and later plumage cycles.

Peter Pyle^{1*} and Lynn Schofield¹



¹The Institute for Bird Populations, Petaluma, CA, USA

YBSA keeps juv body feathering the longest, RNSA the next longest, and WISA the shortest, and this relates to migration strategies.

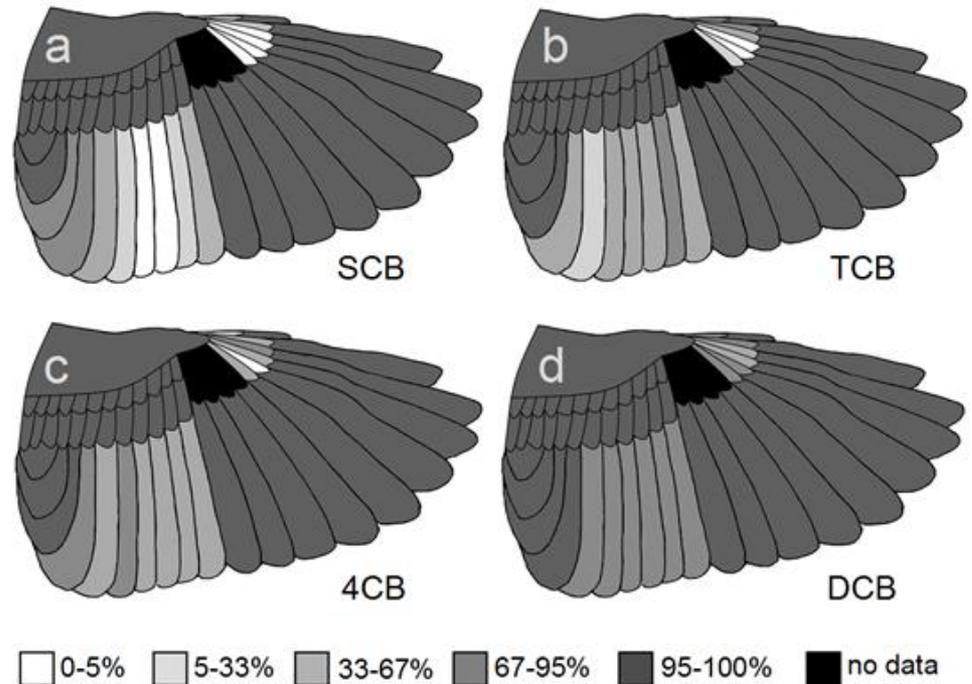
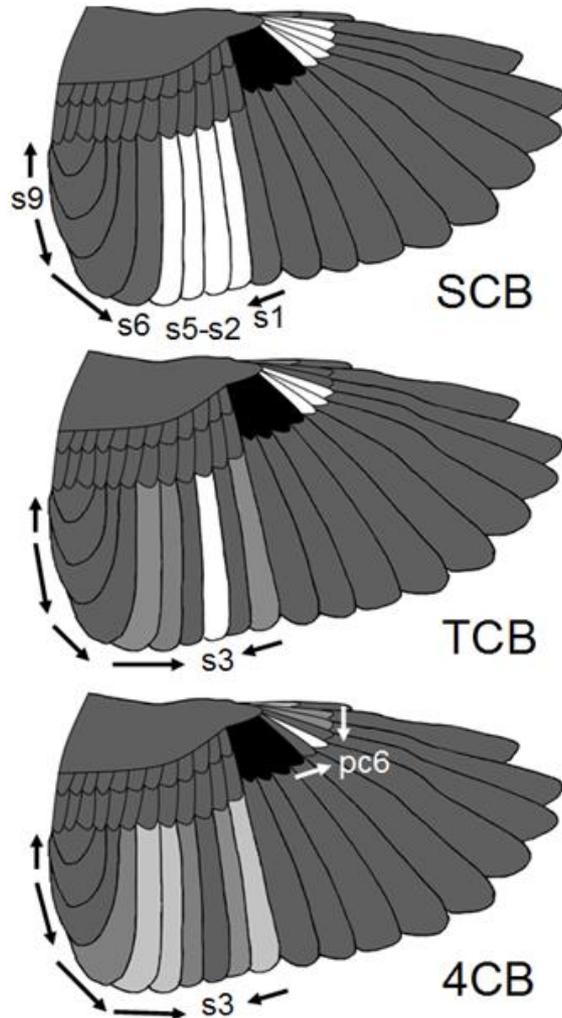


Molting strategies of sapsuckers (*Sphyrapicus*): Effects of migration distance and age through the fourth and later plumage cycles.

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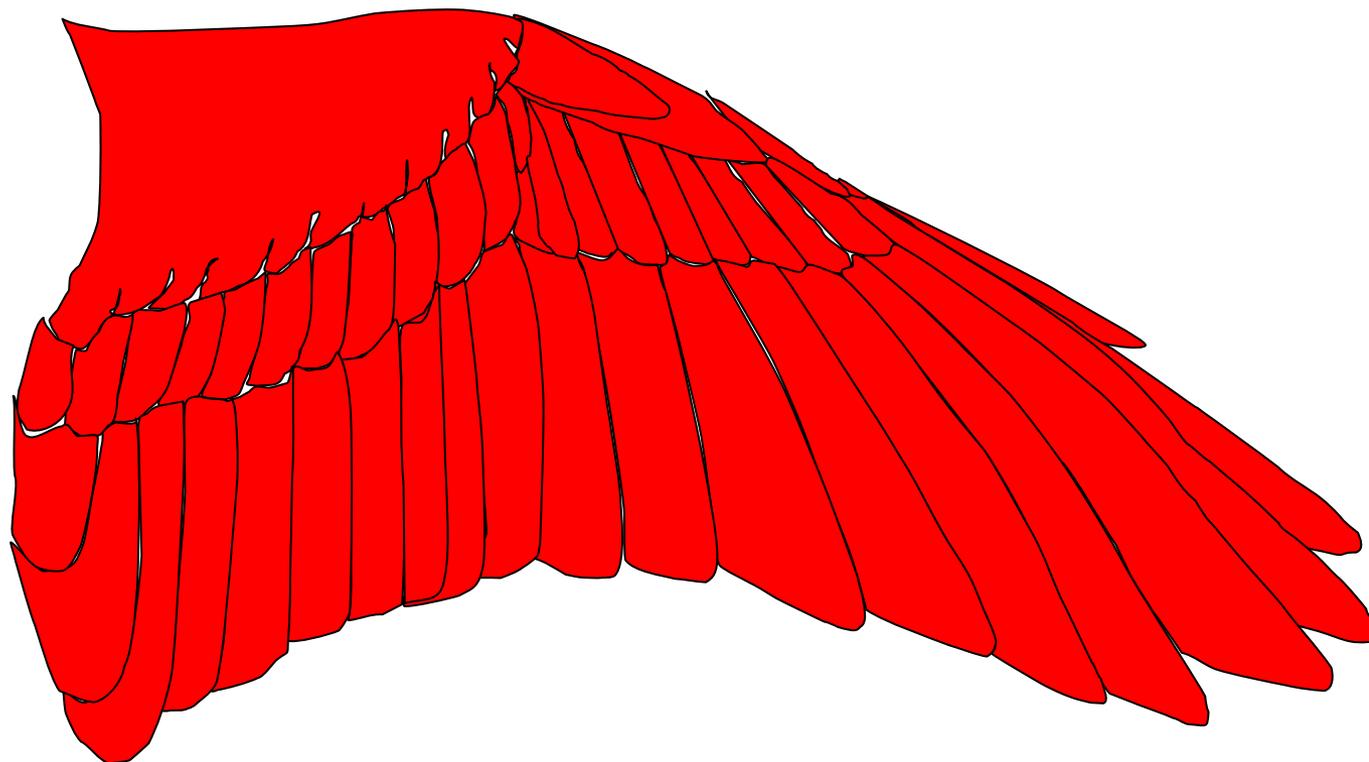
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Primary coverts and secondaries molt convergently in Staffelmauser-like patterns. The last juvenile feathers can be retained until the 5th prebasic molt, allowing ageing to 4CB (4Y/5Y).





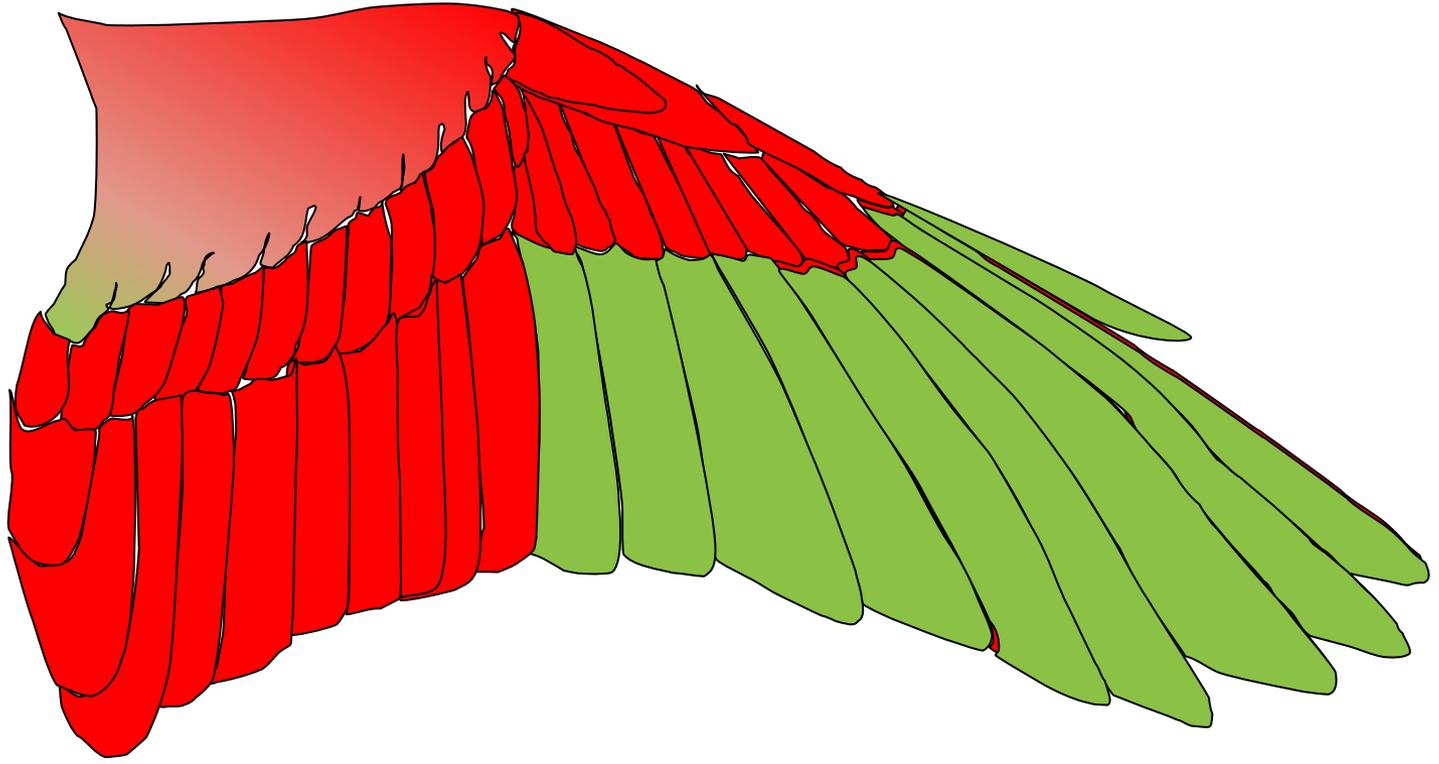
- – juvenile feather
- – formative feather
- – basic feathers
- first cycle
- second cycle
- definitive cycle



Sapsucker - FCJ



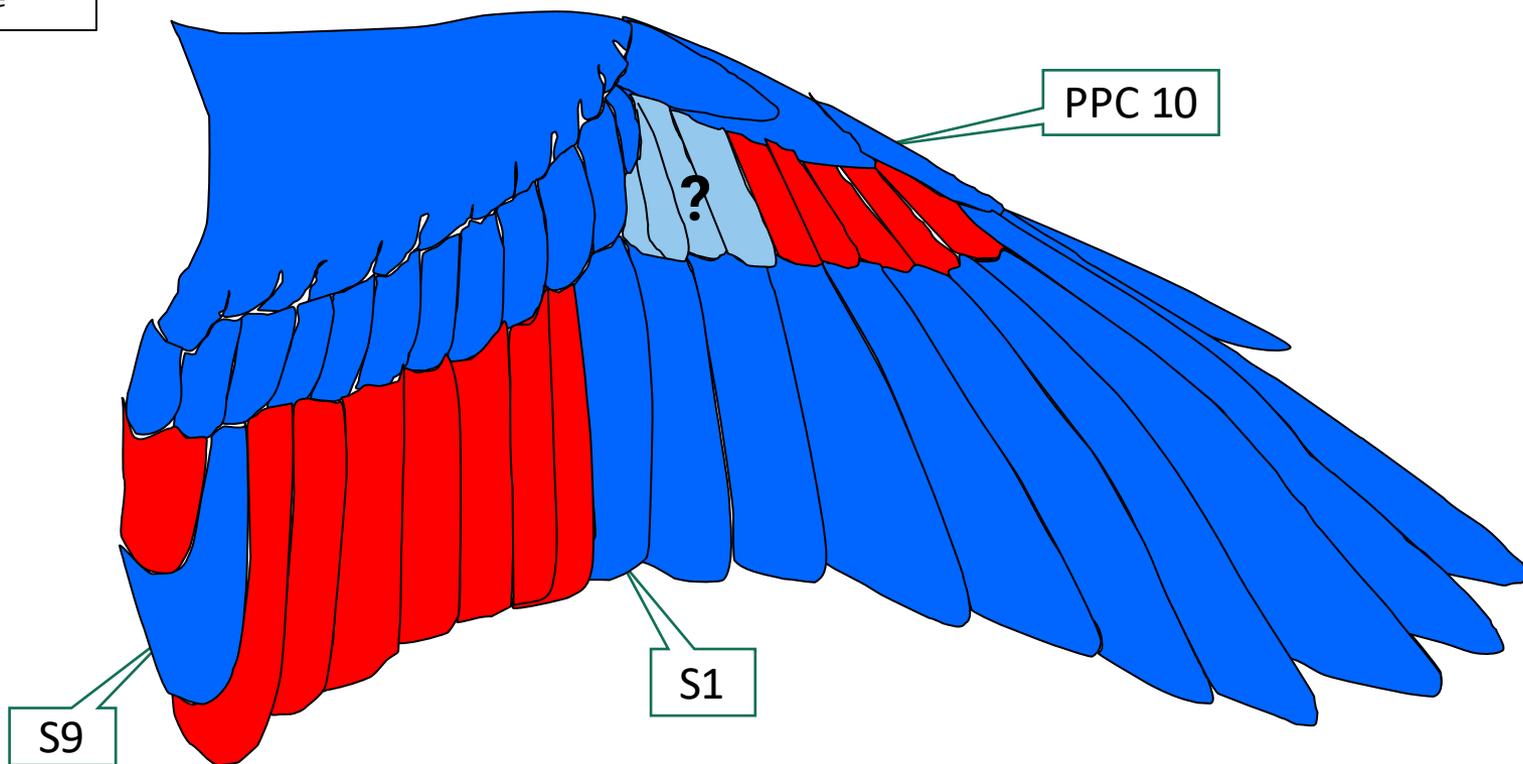
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Sapsucker - FCF



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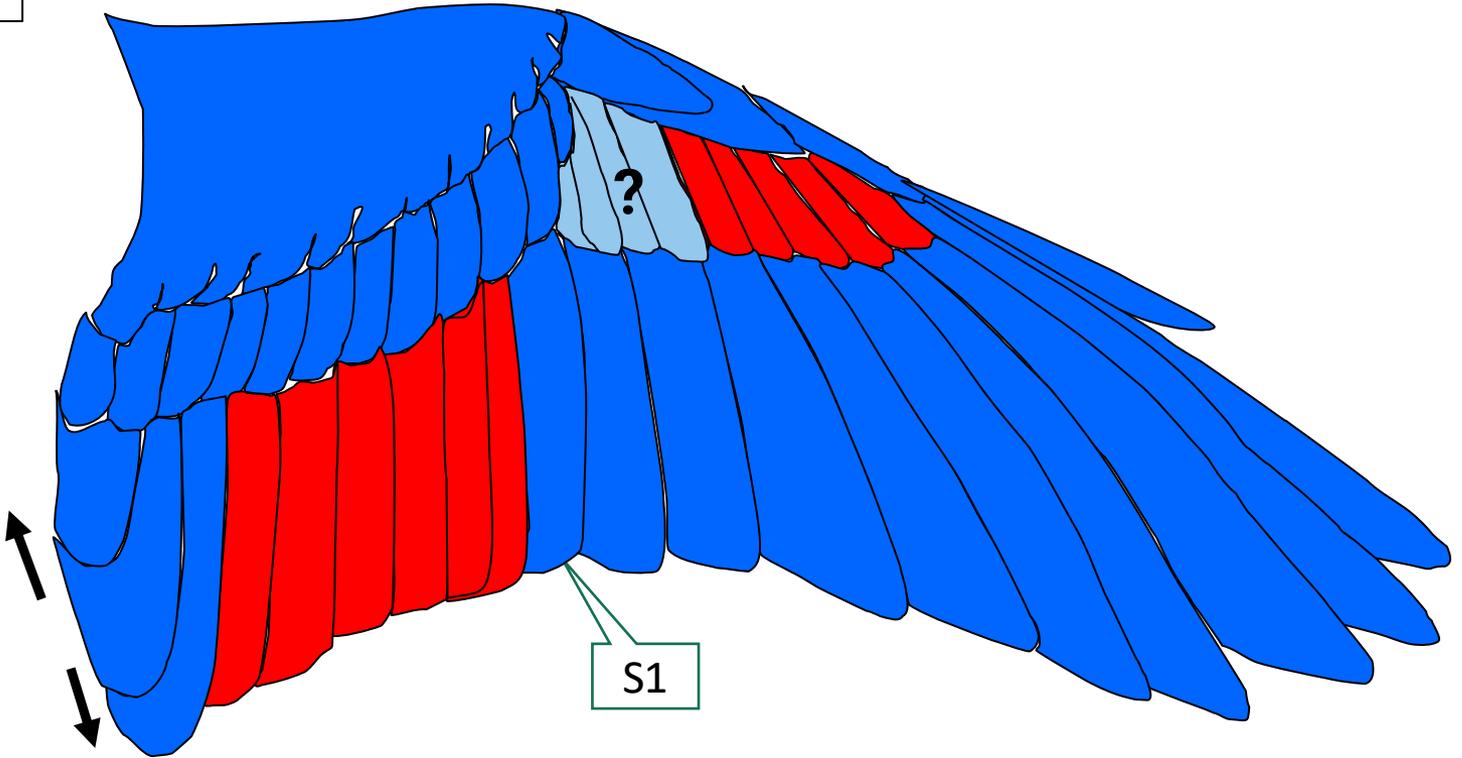


Sapsucker - SPB

Note: The inner pp covs can't be seen in specimens, so the feather replacement pattern isn't certain at this time



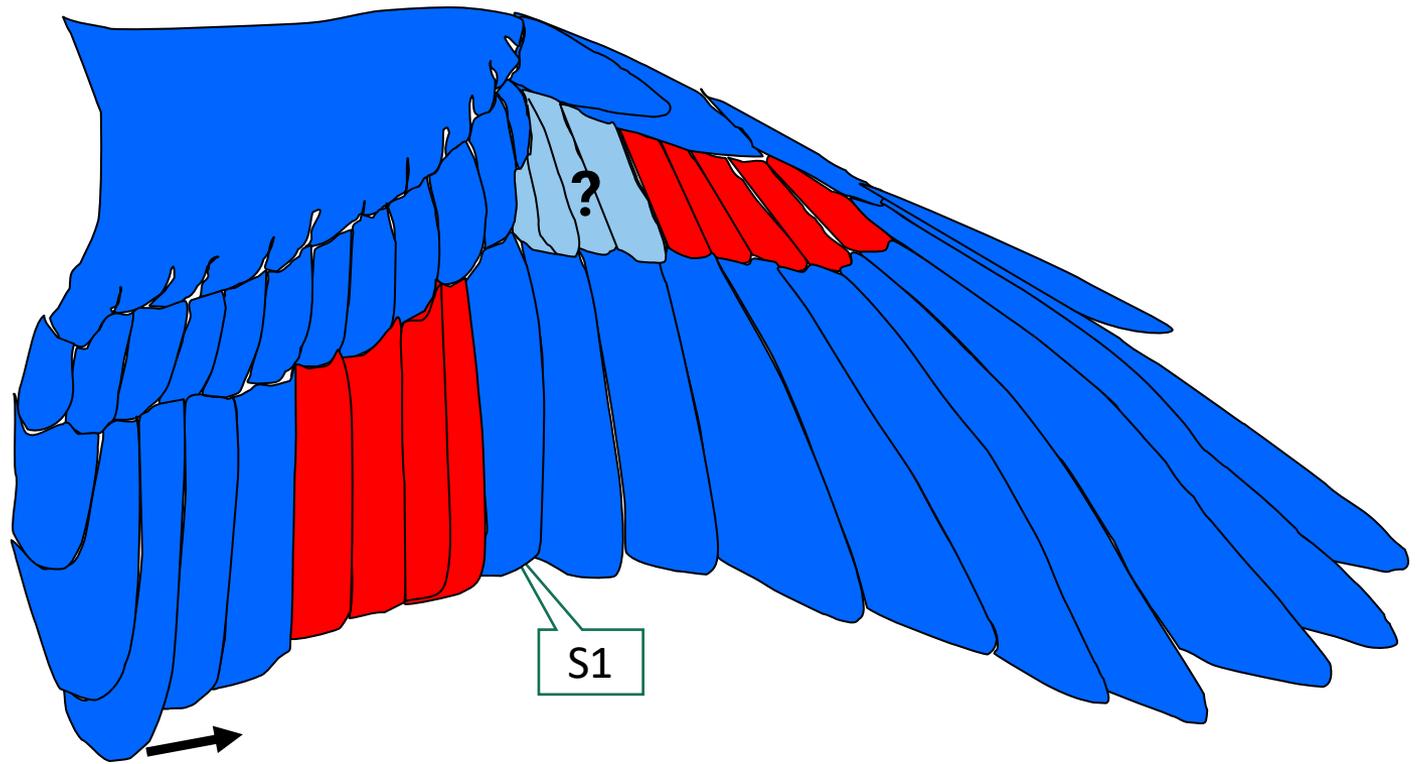
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Sapsucker - SPB



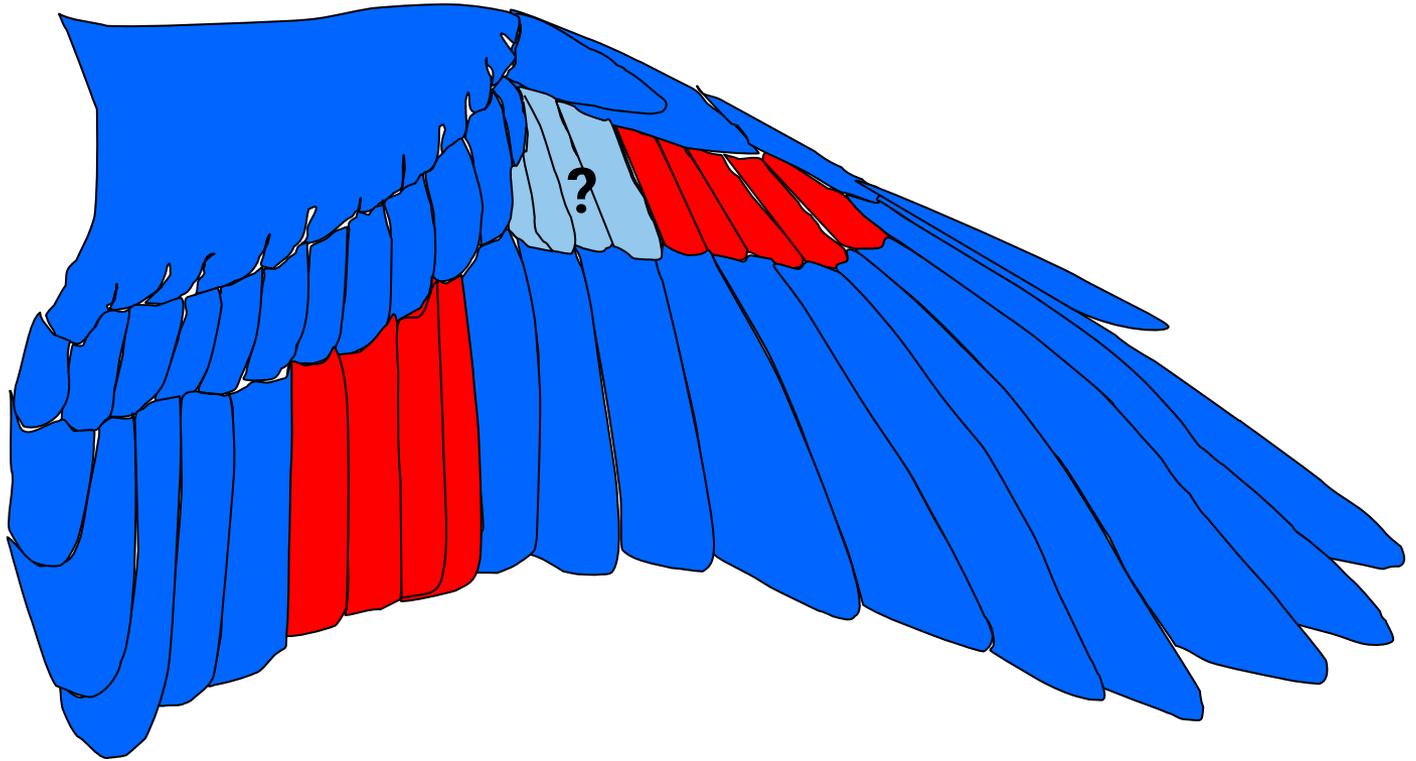
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Sapsucker - SPB



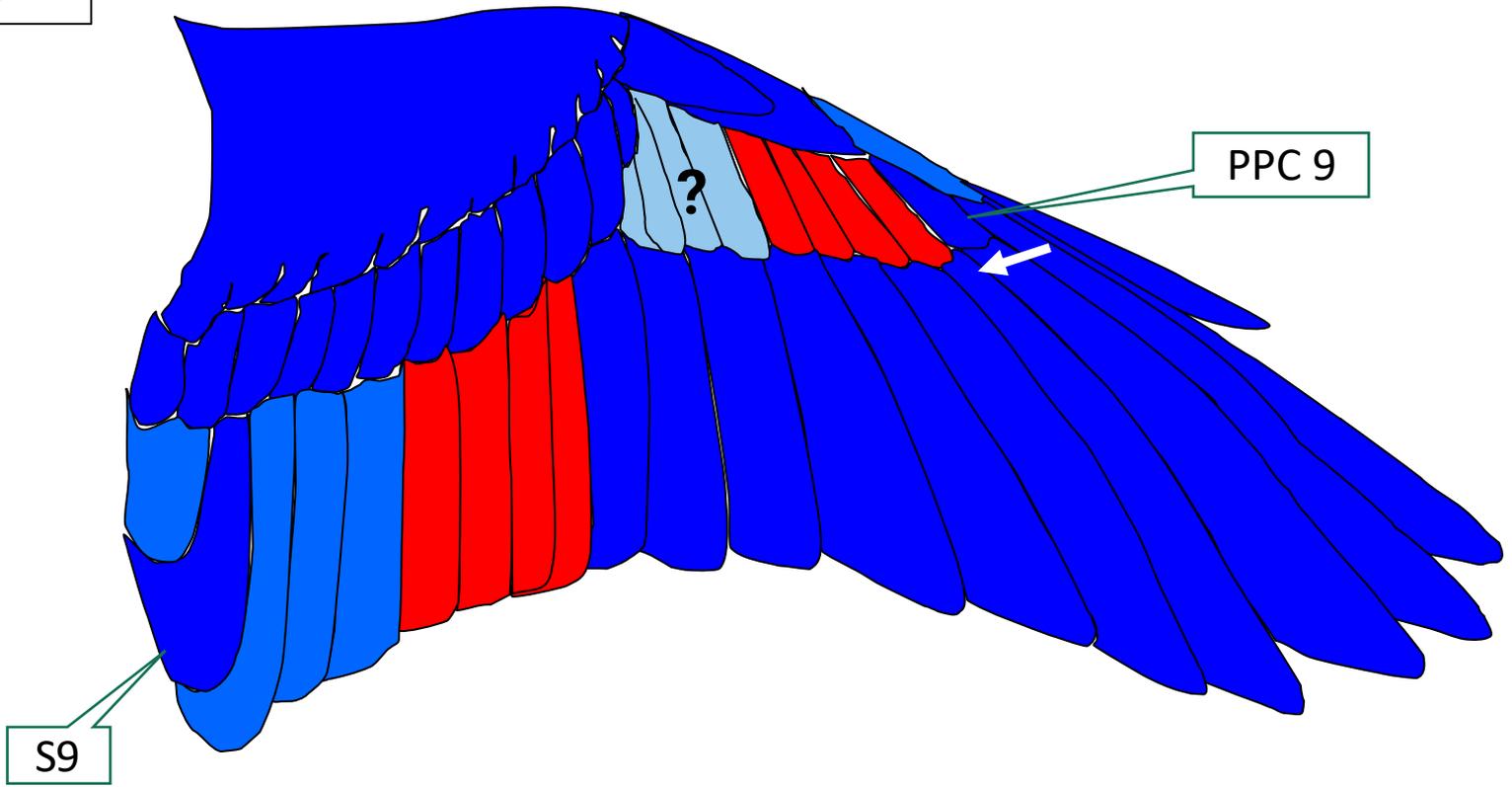
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Sapsucker - SCB



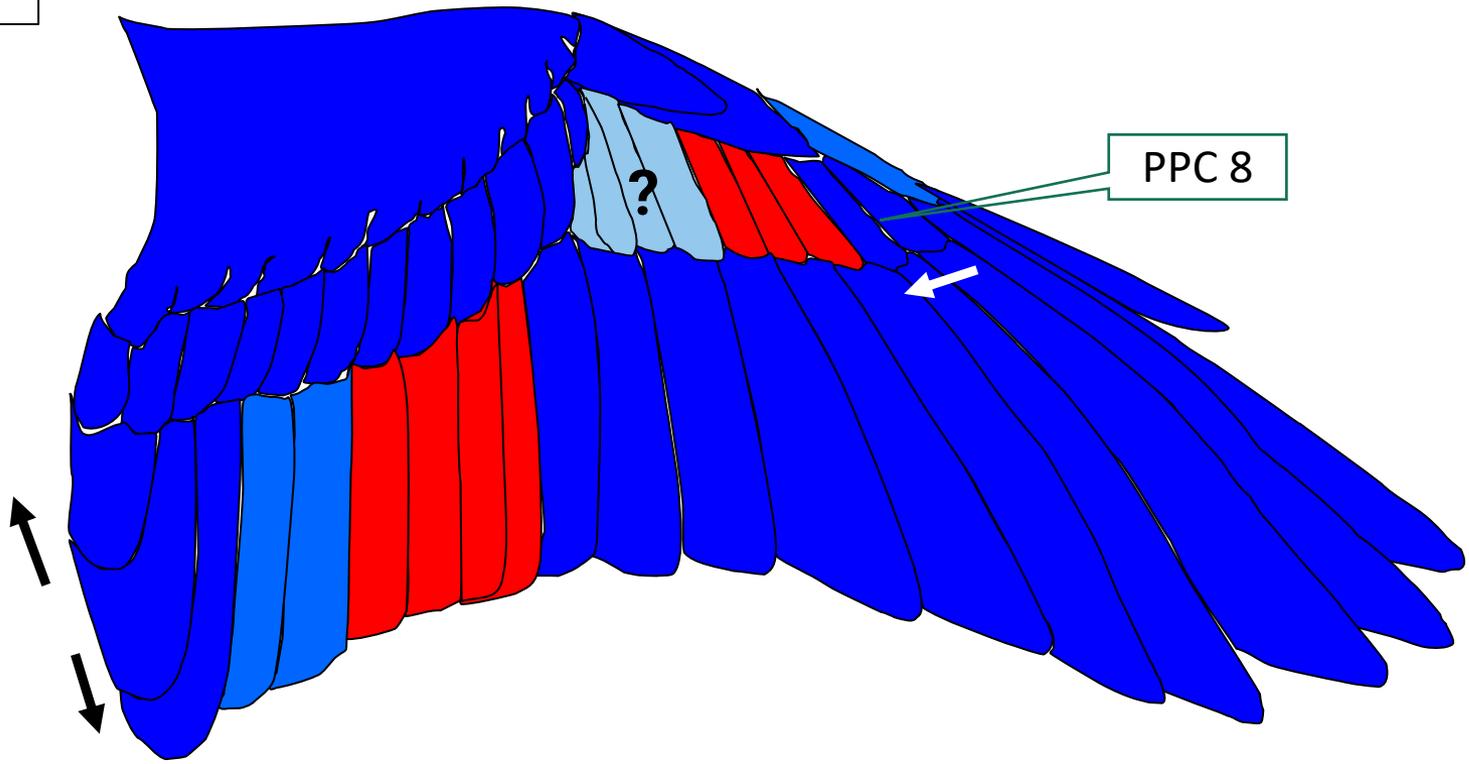
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Sapsucker - TPB



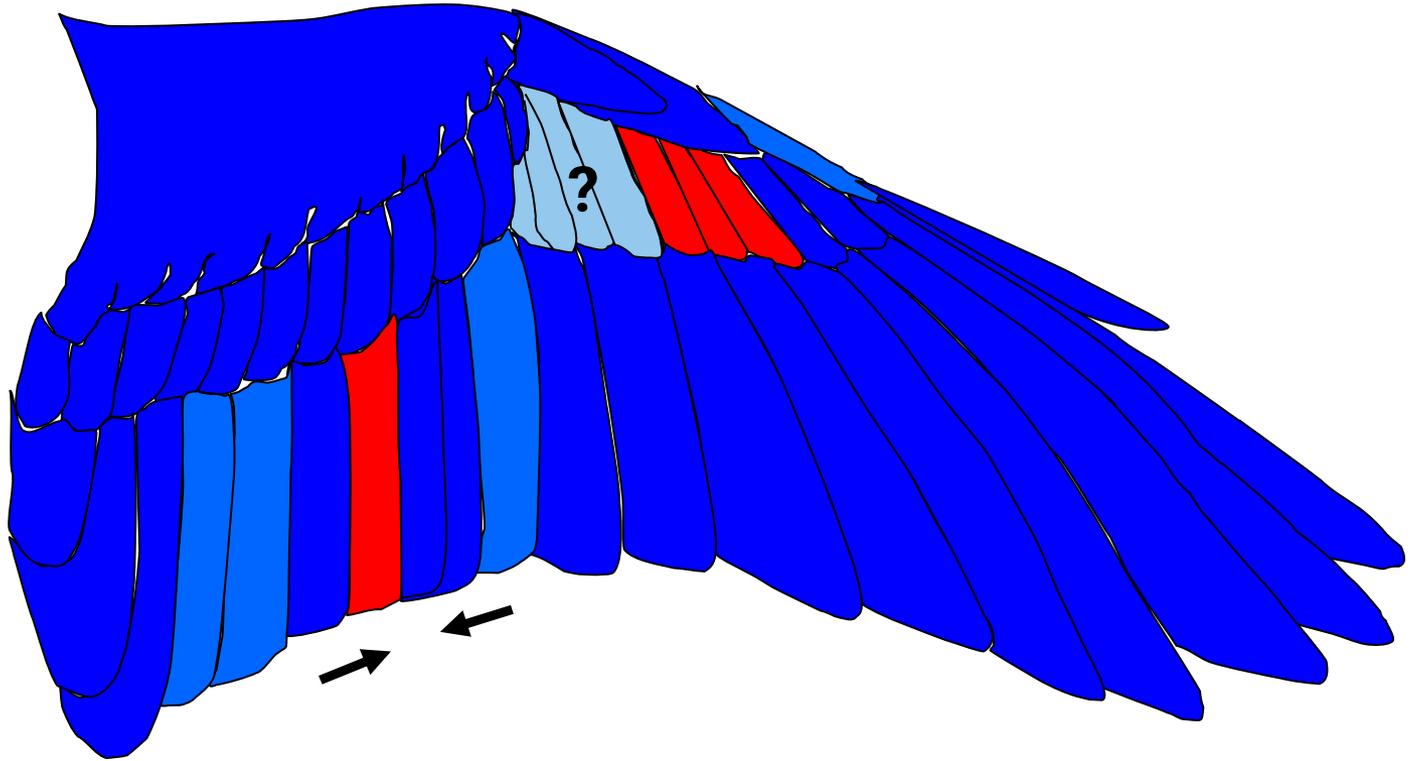
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Sapsucker - TPB



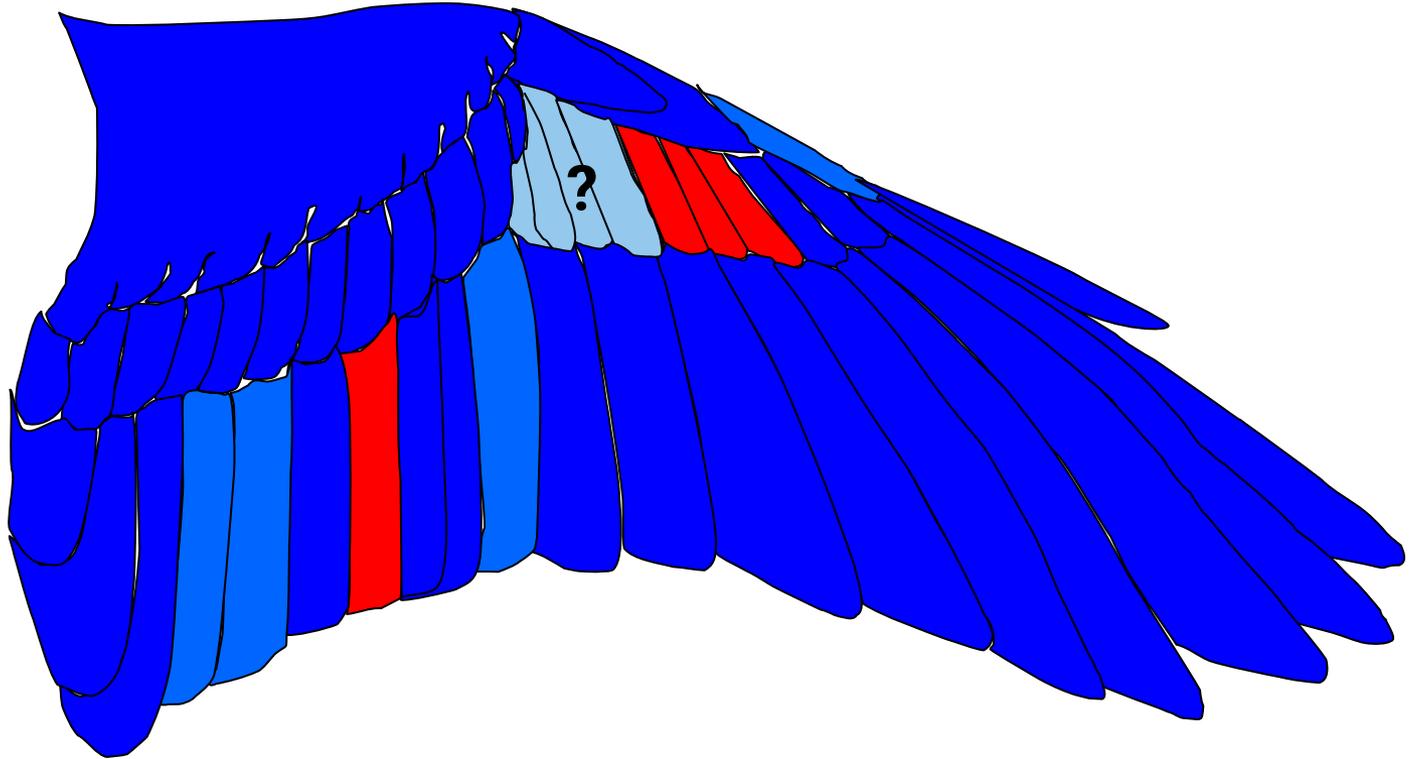
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Sapsucker - TPB



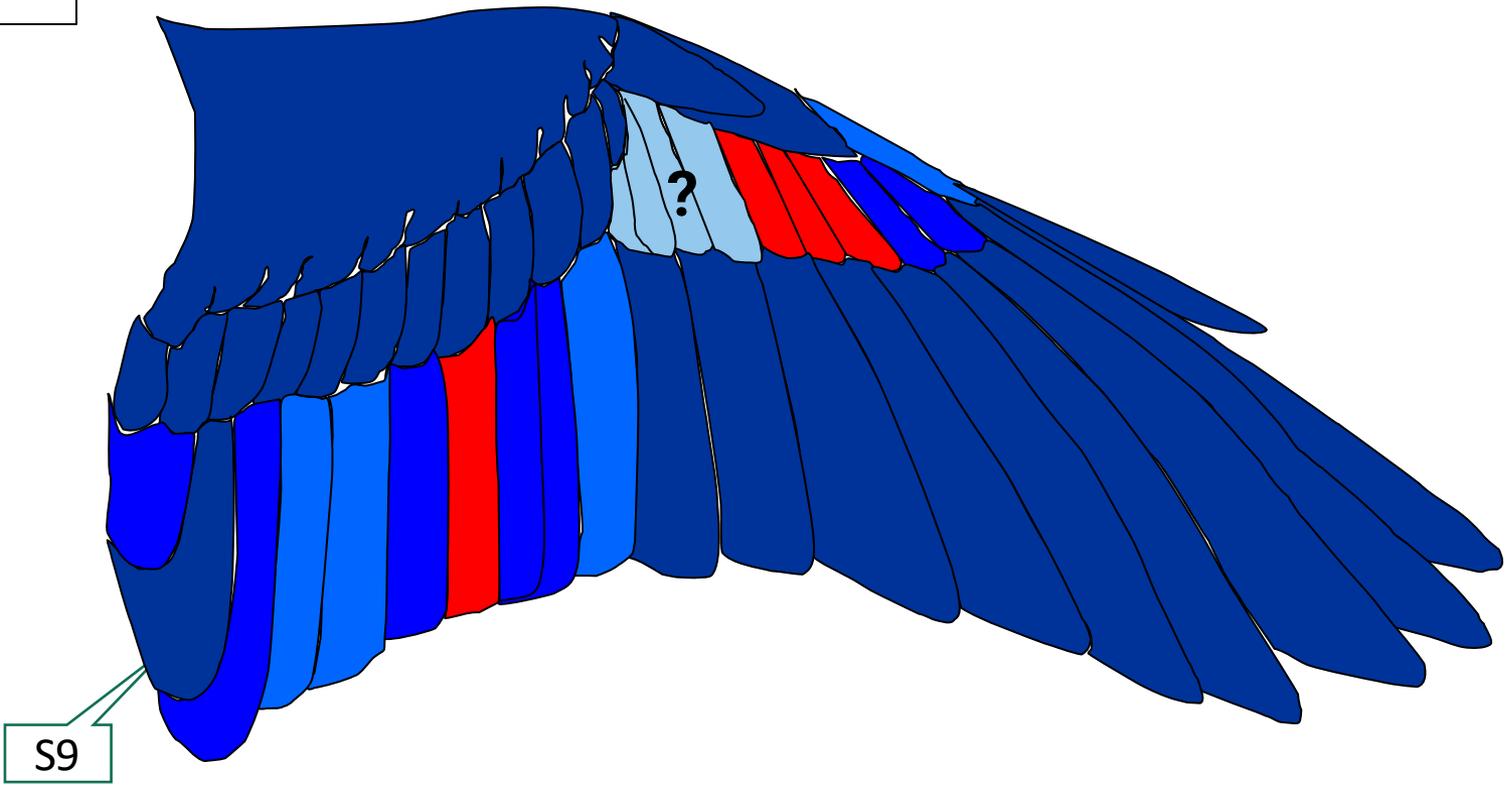
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Sapsucker - TCB



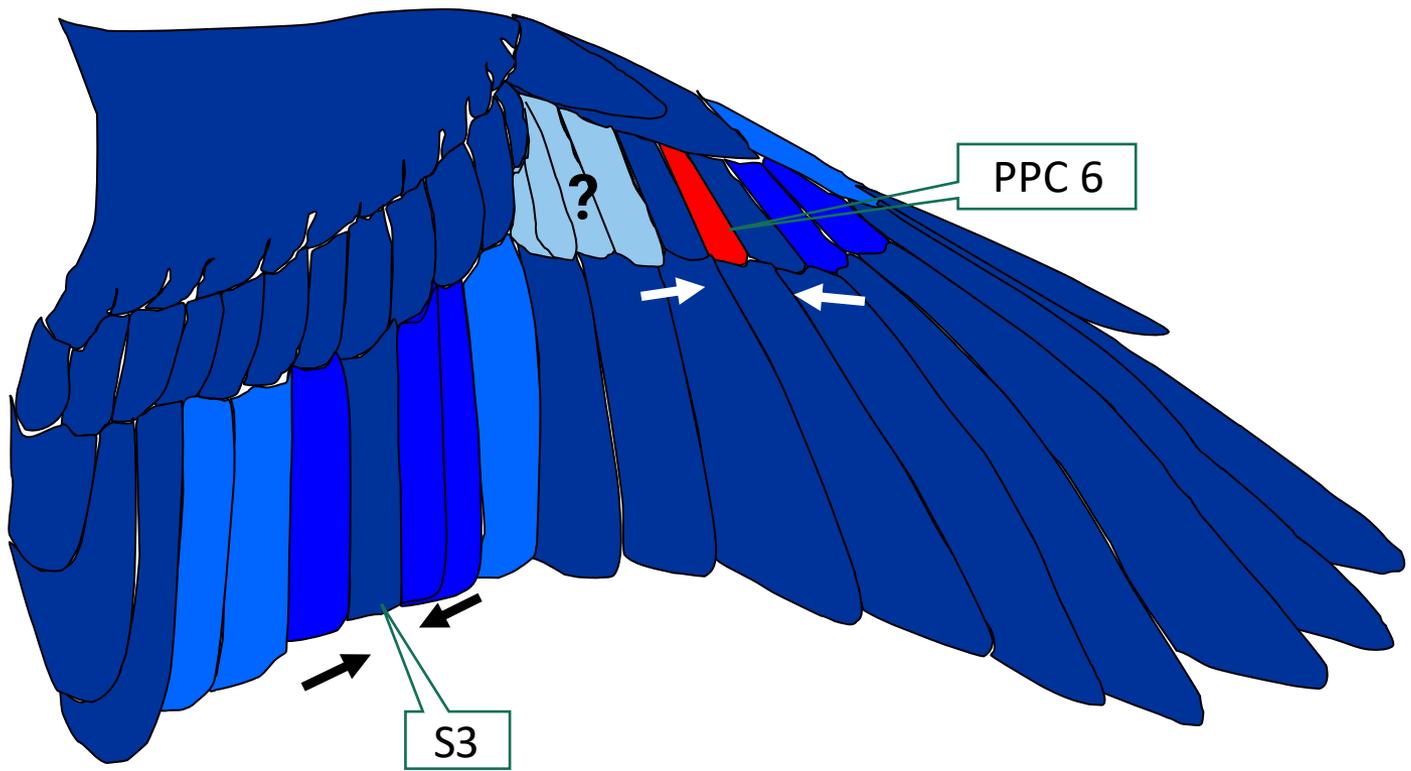
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- definitive cycle



Sapsucker – 4PB



- – juvenile feather
- – formative feather
- – basic feathers
- first cycle
- second cycle
- definitive cycle

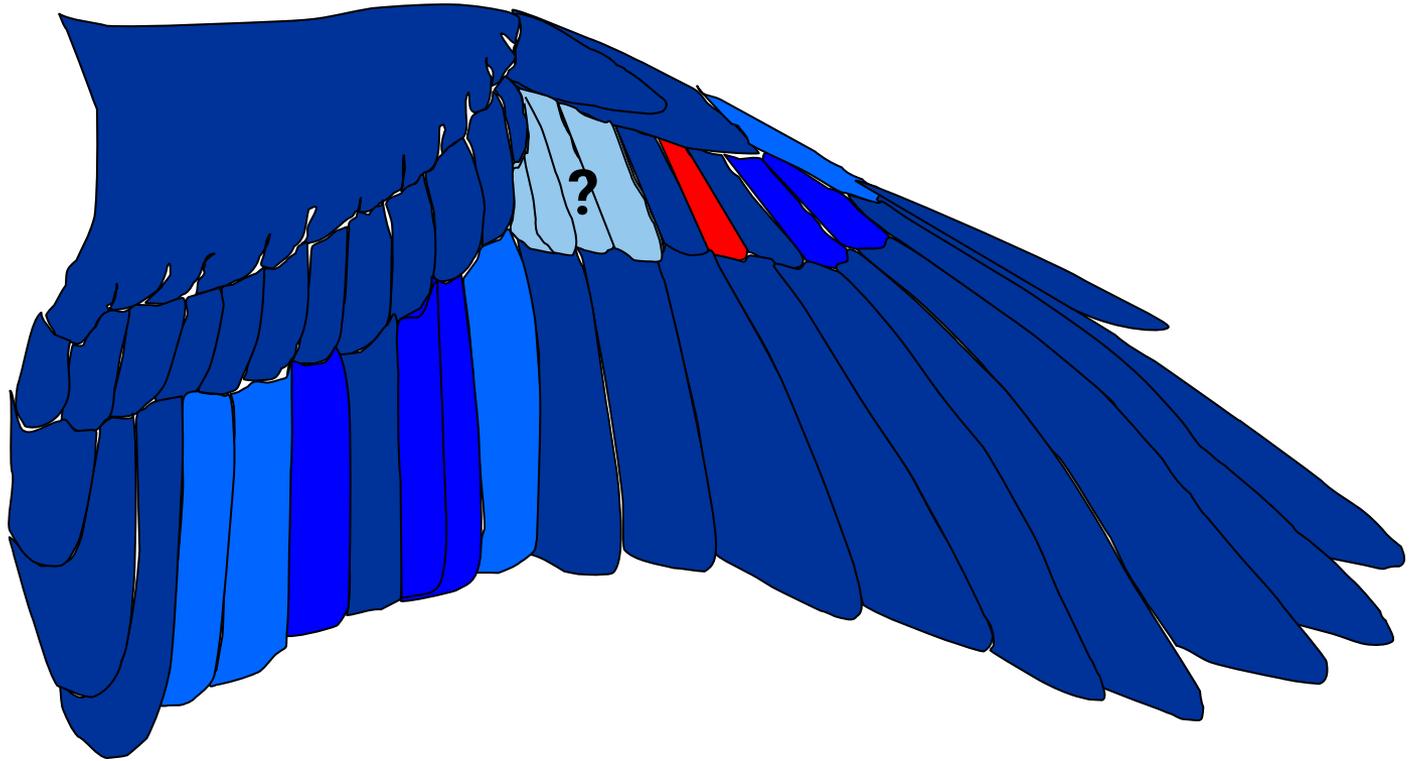


Sapsucker – 4PB



- juvenile feather
- formative feather
- basic feathers

- first cycle
- second cycle
- definitive cycle



Sapsucker – 4CB

