

Coding updates to slides presented in MAPS Chats 2013-2023

The coding use is based upon the 2022 WRP code update and the second edition of The Identification Guide to North American Birds by Peter Pyle.

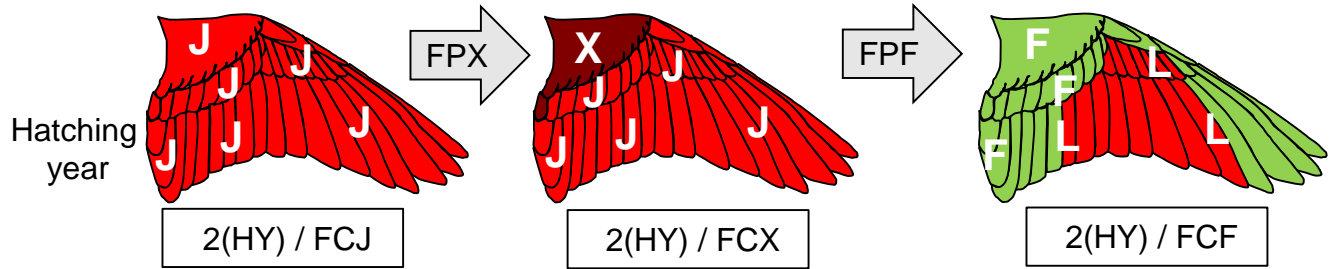
Please see <https://www.birdpop.org/pages/mapsChatArchive.php>
for the archive of MAPS Chats

Contact Danielle Kaschube (dkaschube@birdpop.org) with
questions or comments.

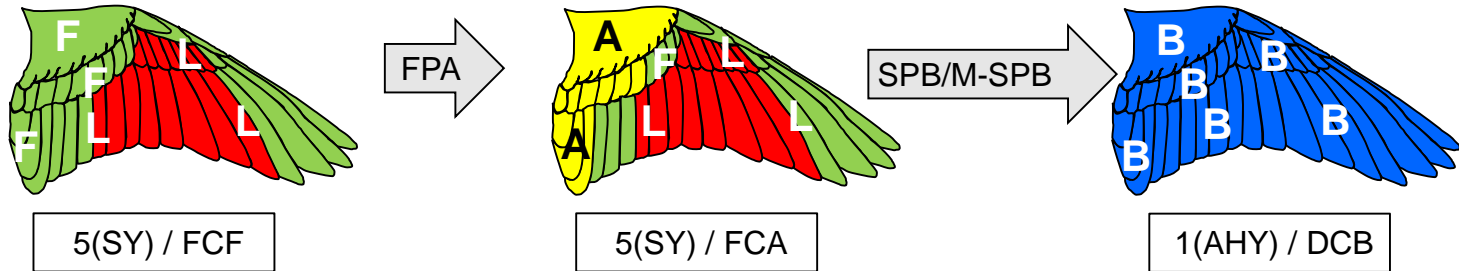


INDIGO BUNTING

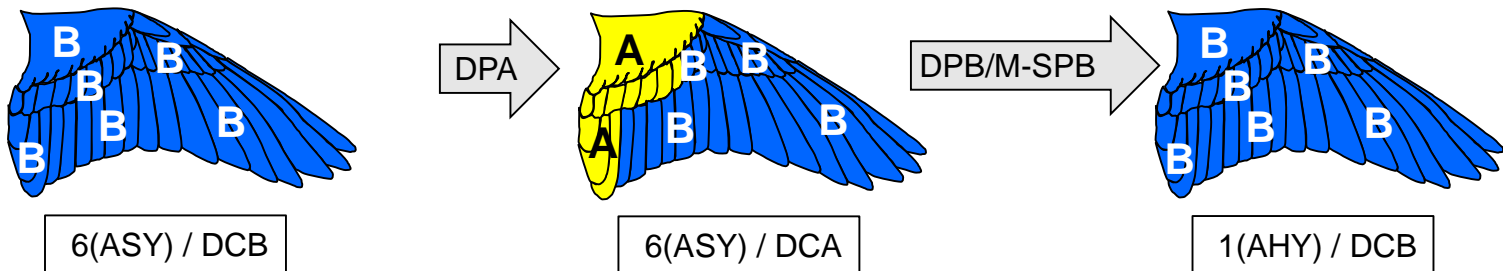
- – juvenile feather
- – auxiliary formative
- – formative feather
- – basic feather
- – alternate feather
- – first cycle
- – definitive cycle



Second
calendar
year



Subsequent
years



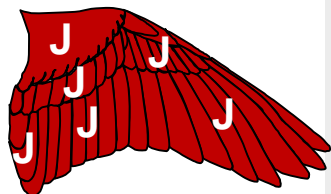
See the 2012 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chats_Spring_2012.pdf) for the full explanation of coding alternate feathers. This diagram uses the WRP coding from the 2022 update.



NORTHERN CARDINAL

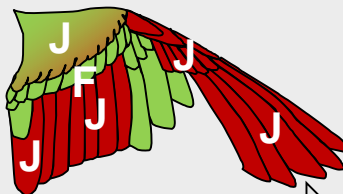
- – juvenile feather
- – formative feather
- – basic feather

Hatching
year

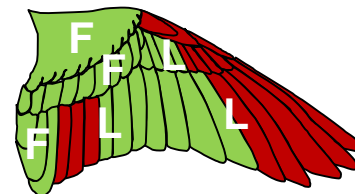


2(HY) / FCJ

Time of active molt



2(HY)/FPF

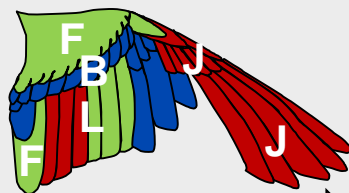


2(HY) / FCF

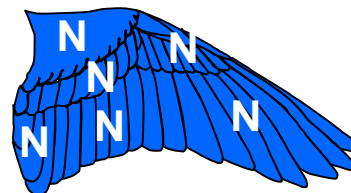
Second
calendar
year



5(SY) / FCF

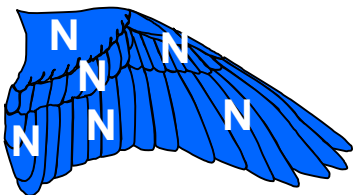


5(SY)/SPB to M-SPB

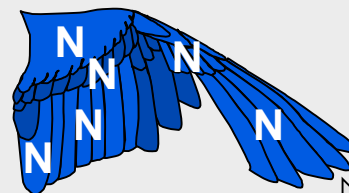


1(AHY) / M-FCF

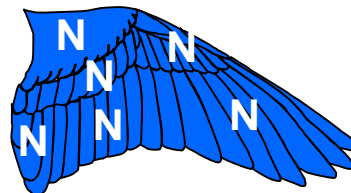
Subsequent
years



1(AHY) / M-FCF



1(AHY)/M-SPB



1(AHY) / M-FCF

The Northern Cardinal (NOCA) preformative can be partial, incomplete, or complete. This example only shows an example of the incomplete preformative. Because of the possibility of a complete preformative, you can't score NOCA feather tracts as basic (B) except for a brief time during the SPB.

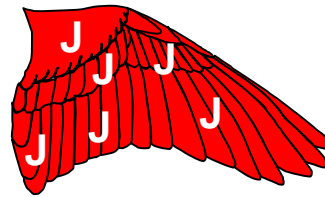
See the 2013 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chats_Spring_2013.pdf) for the full explanation of coding tracts in active molt. This diagram uses the WRP coding from the 2022 update.



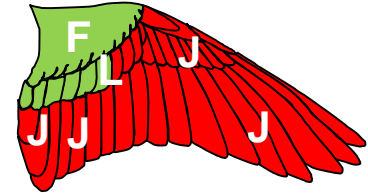
AMERICAN GOLDFINCH

- – juvenile feather
- – formative feather
- – basic feather
- – alternate feather
- – first cycle
- – definitive cycle

Hatching
year

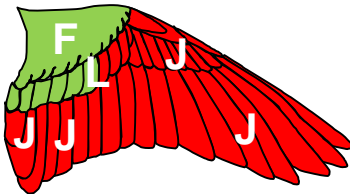


2(HY) / FCJ

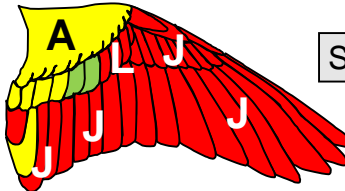
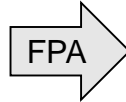


2(HY) / FCF

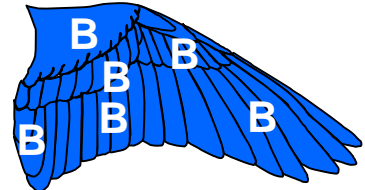
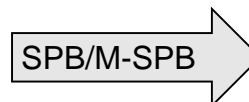
Second
calendar
year



5(SY) / FCF

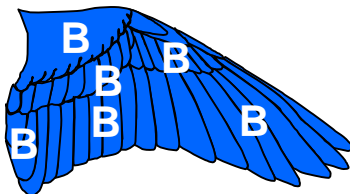


5(SY) / FCA

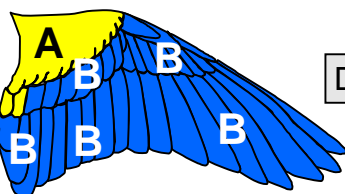
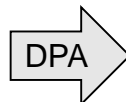


1(AHY) / DCB

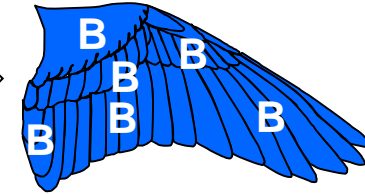
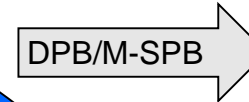
Subsequent
years



6(ASY) / DCB



6(ASY) / DCA



1(AHY) / DCB

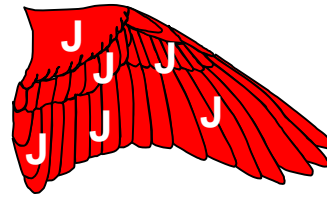
See the 2014 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chat_Spring_2014.pdf) for an introduction to using the WRP system. This diagram uses the WRP coding from the 2022 update.



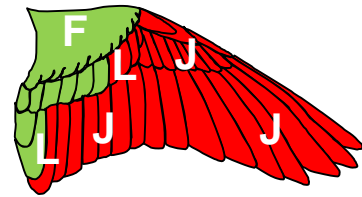
GRAY CATBIRD

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

Hatching
year

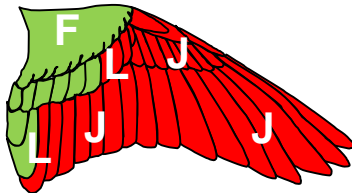


2(HY) / FCJ

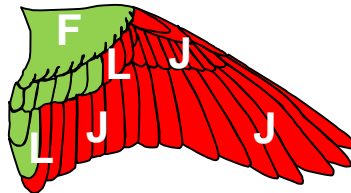


2(HY) / FCF

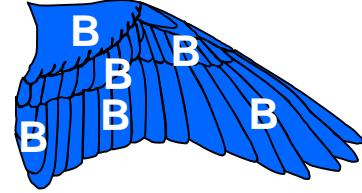
Second
calendar
year



5(SY) / FCF

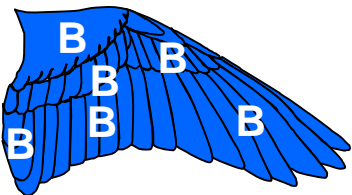


5(SY) / FCF

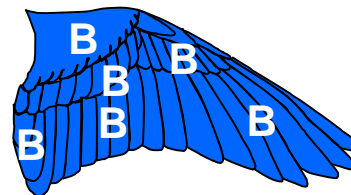


1(AHY) / DCB

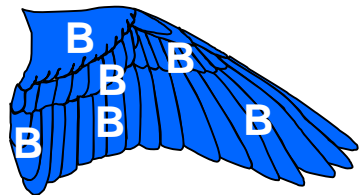
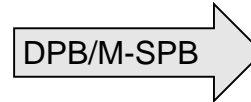
Subsequent
years



6(ASY) / DCB



6(ASY) / DCB



1(AHY) / DCB

See the 2019 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chatspring_2019.pdf) for an in depth discussion of the WRP system. This diagram uses the WRP coding from the 2022 update.

Gray Catbird, spring



Photo: Peter Pyle



J

L

Gray Catbird, spring

J

L

J

Photo: Peter Pyle

A close-up photograph of a Gray Catbird's wing, showing a mix of brown and gray feathers. A human hand is visible on the right side, holding the wing. Several feathers are marked with red letters 'J' and 'L' in small white boxes. The 'J' marks are on brown feathers, and the 'L' marks are on gray feathers. The text 'WRP = FCF' is overlaid in a blue box at the bottom center, and 'Photo: Peter Pyle' is in a red box at the bottom right.

J

L

Gray Catbird, spring

J

L

J

WRP = FCF

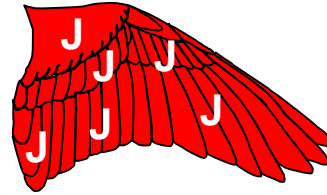
Photo: Peter Pyle



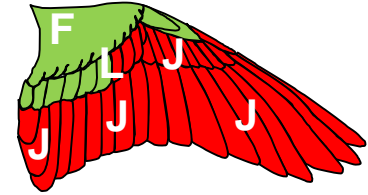
YELLOW WARBLER

- – juvenile feather
- – formative feather
- – basic feather
- – alternate feather
- – first cycle
- – definitive cycle

Hatching
year

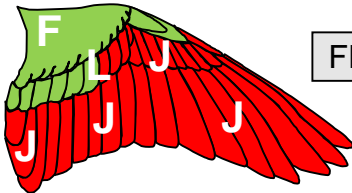


2(HY) / FCJ

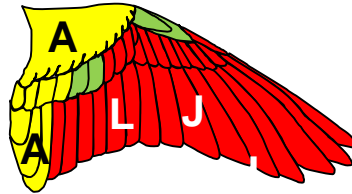
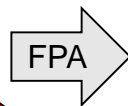


2(HY) / FCF

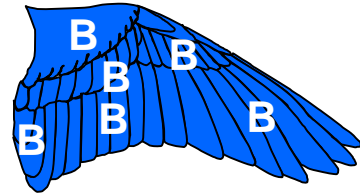
Second
calendar
year



5(SY) / FCF

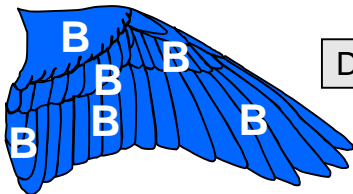


5(SY) / FCA

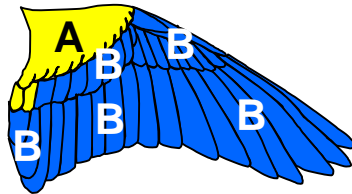
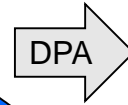


1(AHY) / DCB

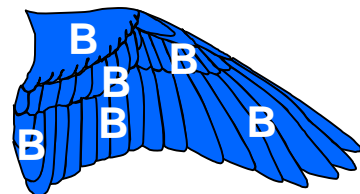
Subsequent
years



6(ASY) / DCB



6(ASY) / DCA



1(AHY) / DCB

See the 2019 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chatspring_2019.pdf) for an in depth discussion of the WRP system. This diagram uses the WRP coding from the 2022 update.

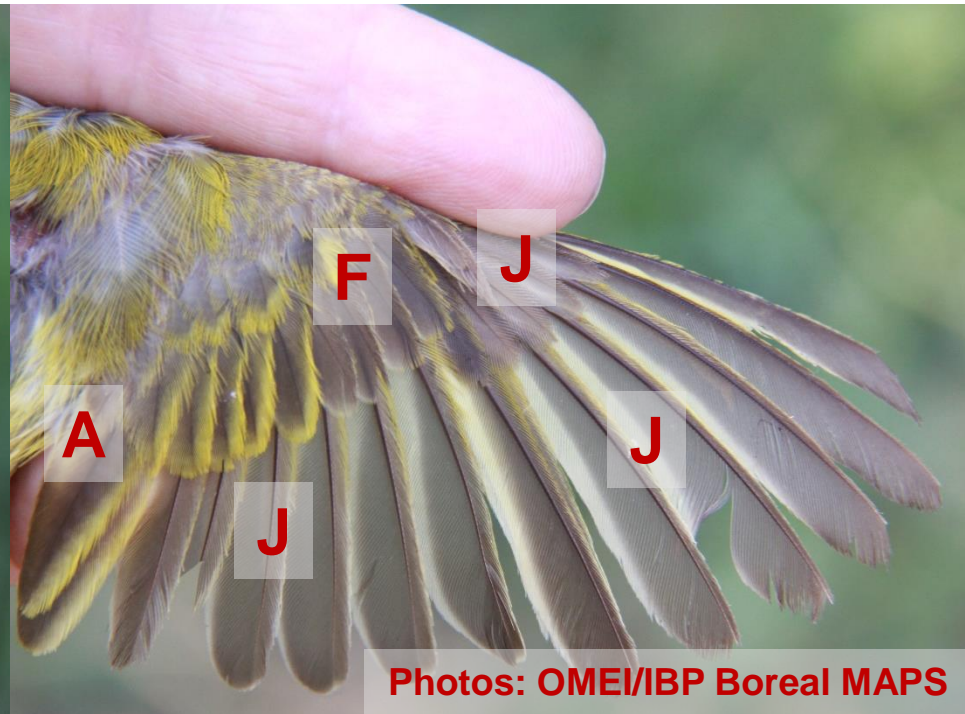
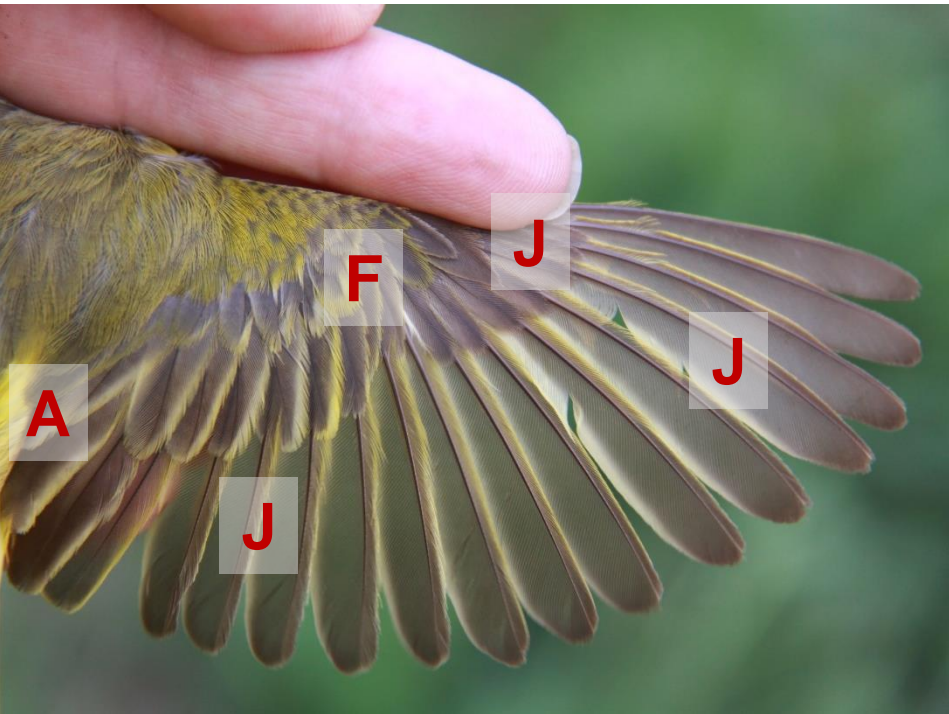
Yellow Warbler, summer



Photos: OMEI/IBP Boreal MAPS

Except for body feathers, ignore alternate feathers when scoring a tract unless the entire tract is alternate.

Yellow Warbler, summer

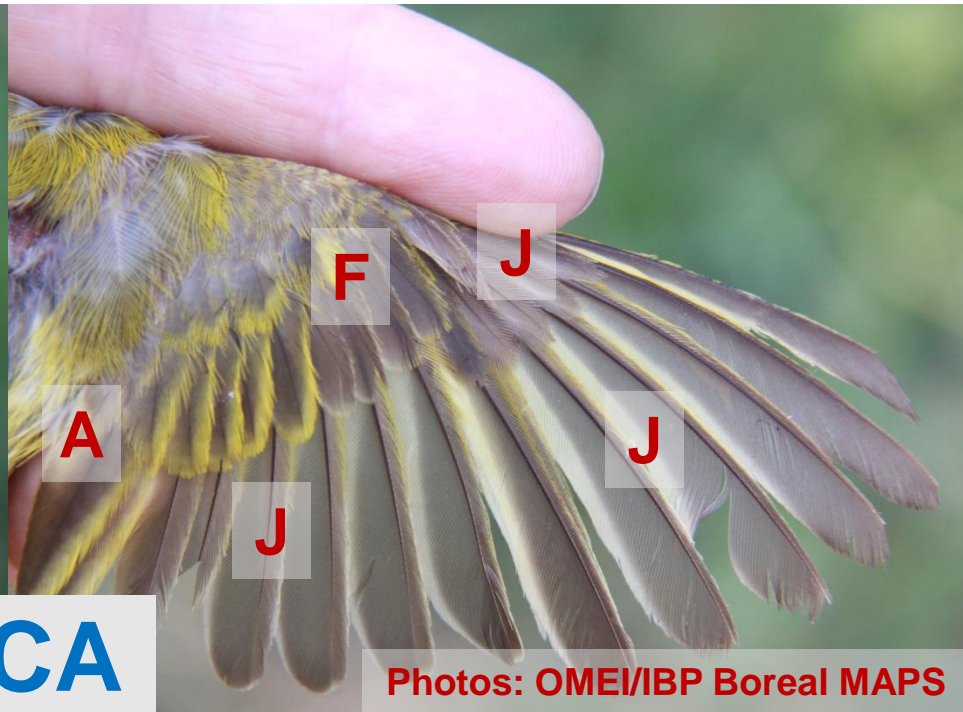
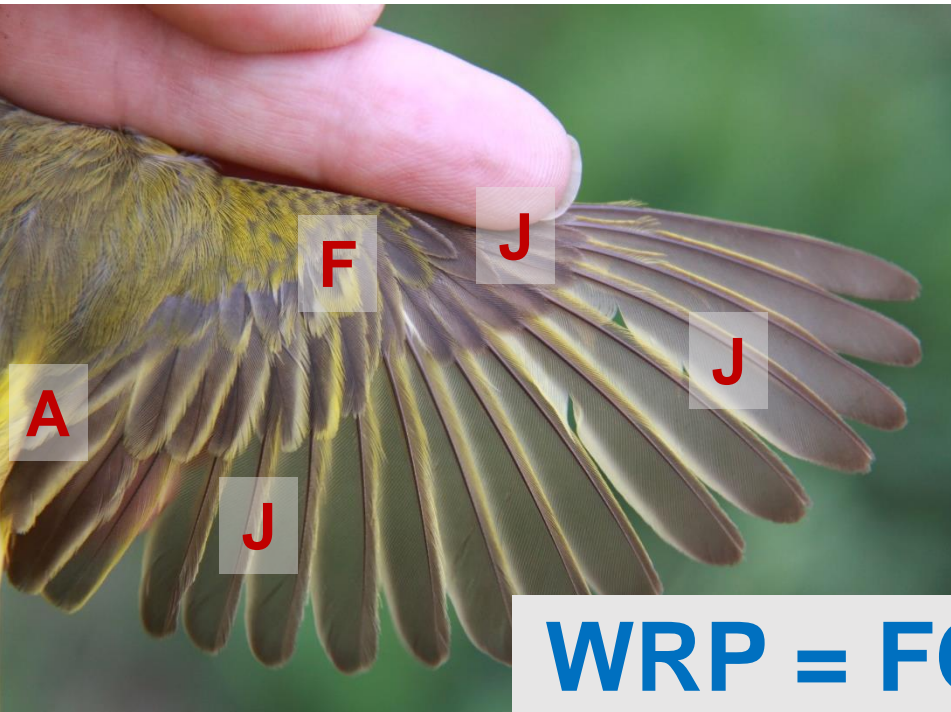


Photos: OMEI/IBP Boreal MAPS

There is a limit in the primaries and primary coverts of this example. But because the entire tract is not made of alternate feathers, the tract is scored as juvenile.

Except for body feathers, ignore alternate feathers when scoring a tract unless the entire tract is alternate.

Yellow Warbler, summer



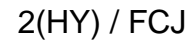
WRP = FCA

Photos: OMEI/IBP Boreal MAPS

There is a limit in the primaries and primary coverts of this example. But because the entire tract is not made of alternate feathers, the tract is scored as juvenile.



- Hatching
year



2(HY) / FCF

5(SY) / FCF

5(SY) / FCA

1(AHY) / DCB

6(ASY) / DCB

6(ASY) / DCA

1(AHY) / DCB

Original wing diagram by Steve N.G. Howell, used with permission from Peter Pyle

Common Yellowthroat, July



Photo: OMEI/IBP Boreal MAPS

Common Yellowthroat, July



Photo: OMEI/IBP Boreal MAPS

Common Yellowthroat, July



WRP = FCJ

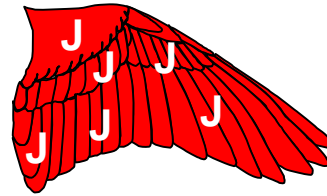
Photo: OMEI/IBP Boreal MAPS



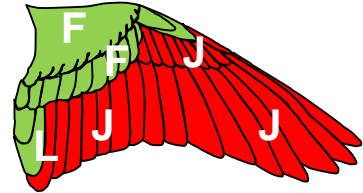
SONG SPARROW

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

Hatching
year

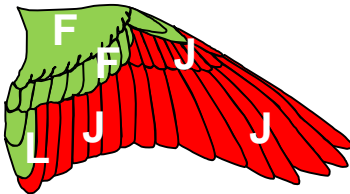


2(HY) / FCJ

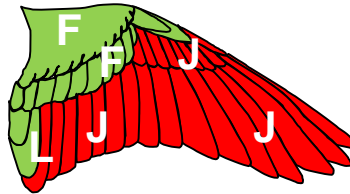


2(HY) / FCF

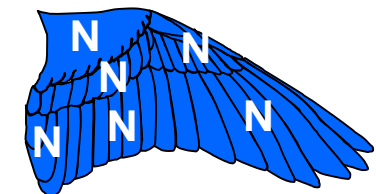
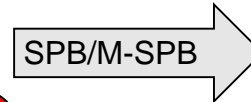
Second
calendar
year



5(SY) / FCF

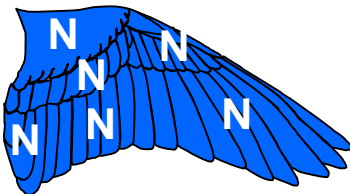


5(SY) / FCF

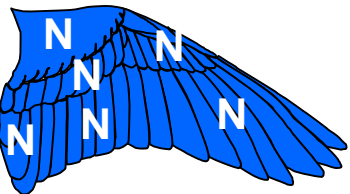


1(AHY) / M-FCF

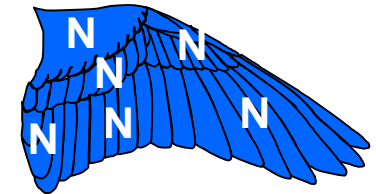
Subsequent
years



1(AHY) / M-FCF



1(AHY) / M-FCF



1(AHY) / M-FCF

See the 2019 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chatspring_2019.pdf) for an in depth discussion of the WRP system. This diagram uses the WRP coding from the 2022 update.

As of the Second edition of the Pyle ID guide, it is realized that Song Sparrow (SOSP) preformative can be partial, incomplete, or complete. This example only shows an example of the partial preformative. Because of the possibility of a complete preformative, you can't score SOSP feather tracts as basic (B), just as non-juvenile (N).

Song Sparrow, June



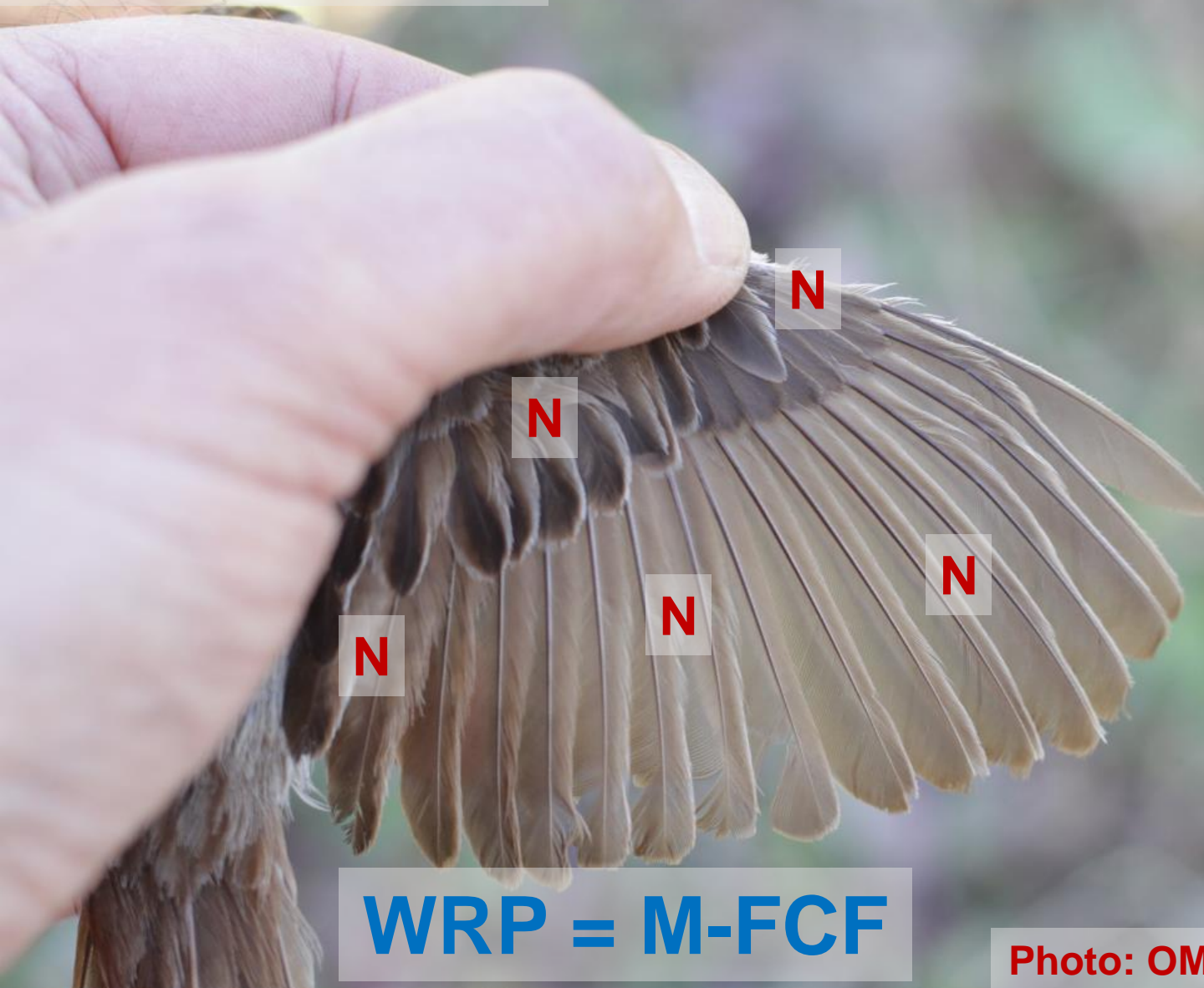
Photo: OMEI/IBP Boreal MAPS

Song Sparrow, June



Photo: OMEI/IBP Boreal MAPS

Song Sparrow, June



WRP = M-FCF

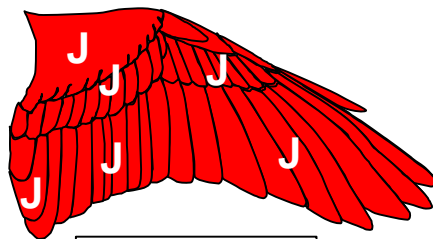
Photo: OMEI/IBP Boreal MAPS



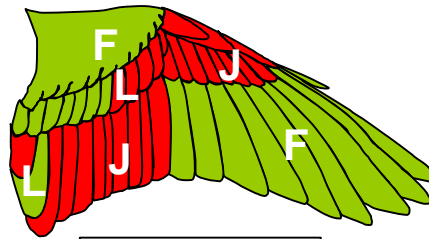
DOWNY WOODPECKER

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

Hatching year

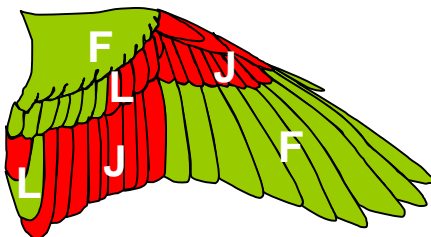


2(HY) / FCJ

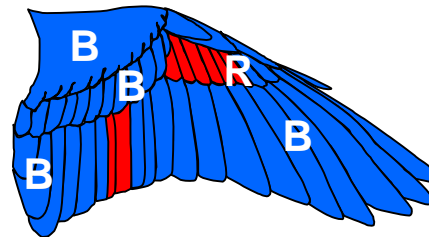
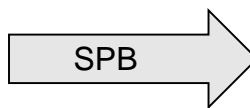


2(HY) / FCF

Second calendar year

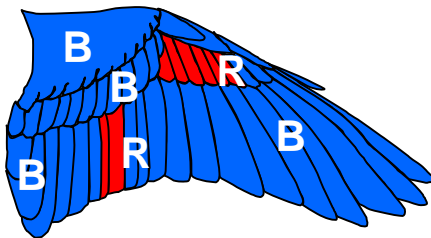


5(SY) / FCF

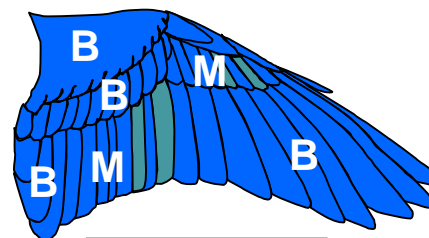
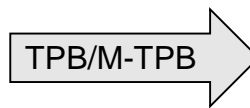


5(SY) / SCB

Third calendar year

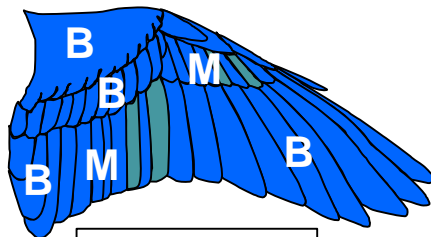


7(TY) / SCB

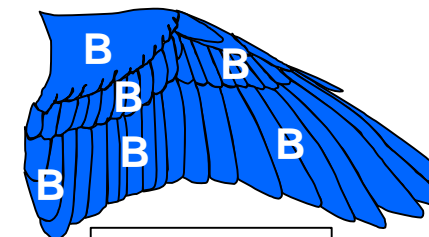
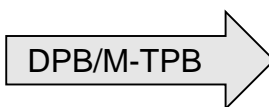


6(ASY) / DCB

Subsequent years



8(ATY) / TCB



6(ASY) / DCB

See the 2021 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chatspring_2021.pdf) for an in depth discussion of the WRP system and molt in woodpeckers. This diagram uses the WRP coding from the 2022 update.

Downy Woodpecker, July



Photo: OMEI/IBP Boreal MAPS

Downy Woodpecker, July

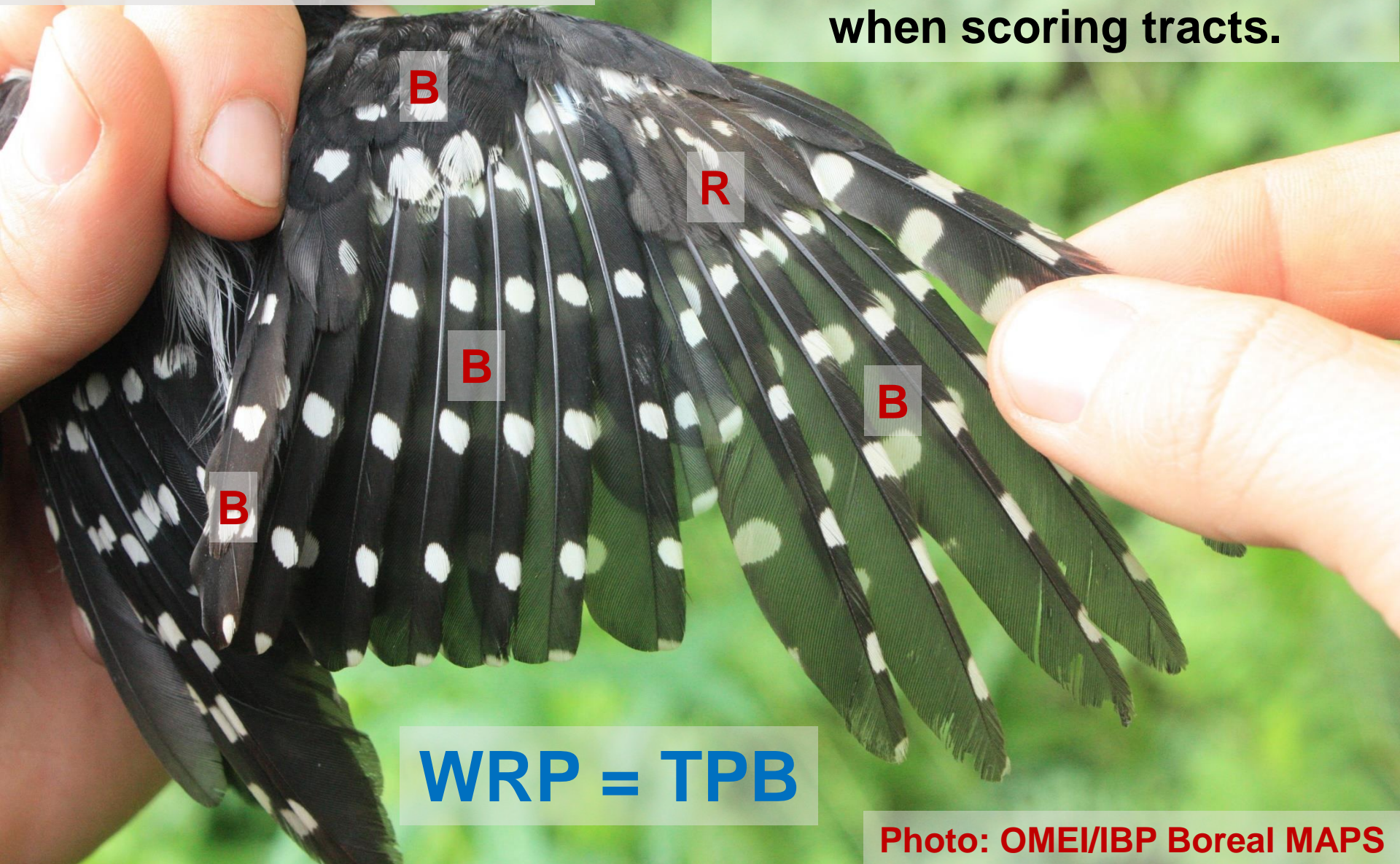
**Ignore feathers in active molt
when scoring tracts.**



Photo: OMEI/IBP Boreal MAPS

Downy Woodpecker, July

**Ignore feathers in active molt
when scoring tracts.**



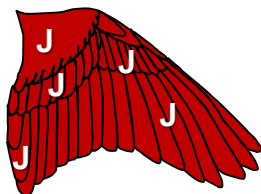
WRP = TPB

Photo: OMEI/IBP Boreal MAPS



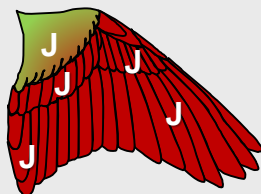
GRAY CATBIRD

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

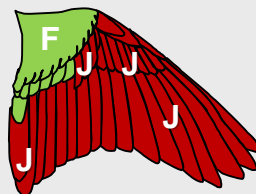


2(HY) / FCJ

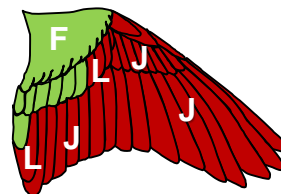
Hatching year



2(HY) / FPF

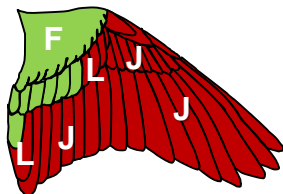


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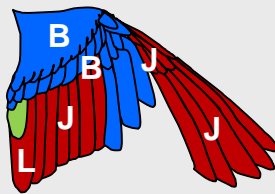


2(HY) / FCF

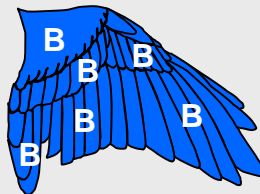
Second
calendar
year



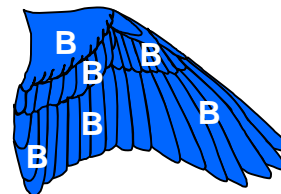
5(SY) / FCF



5(SY) / SPB

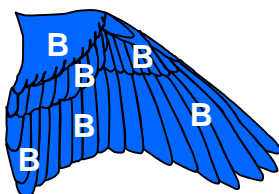


1(AHY) / M-SPB

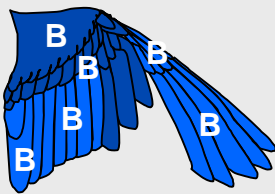


1(AHY) / DCB

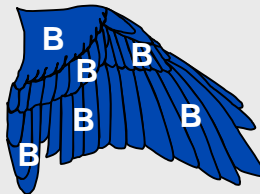
Subsequent
years



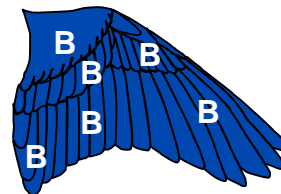
6(ASY) / DCB



6(ASY) / DPB



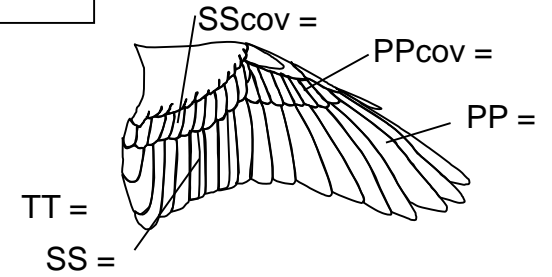
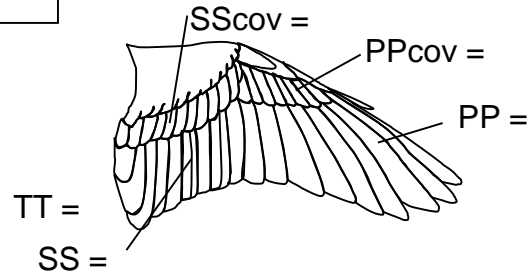
1(AHY) / M-SPB



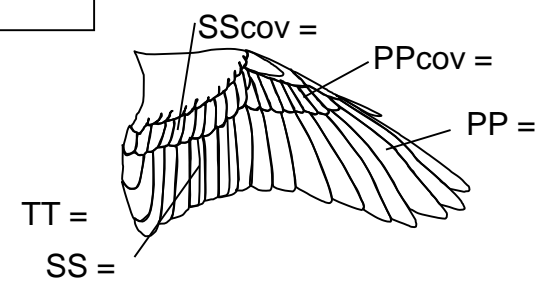
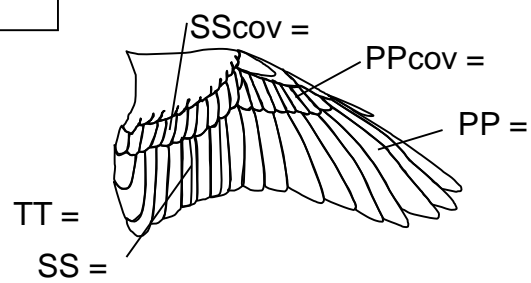
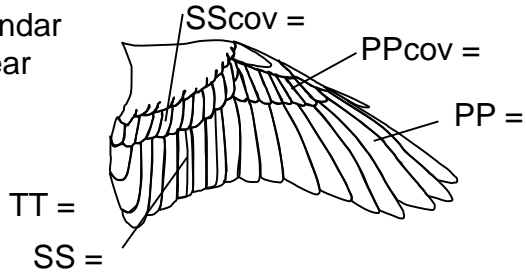
1(AHY) / DCB

See the 2023 MAPS Chat (https://www.birdpop.org/docs/misc/MAPS_Chatspring_2023.pdf) for an in depth discussion of the WRP system. This diagram uses the WRP coding from the 2022 update.

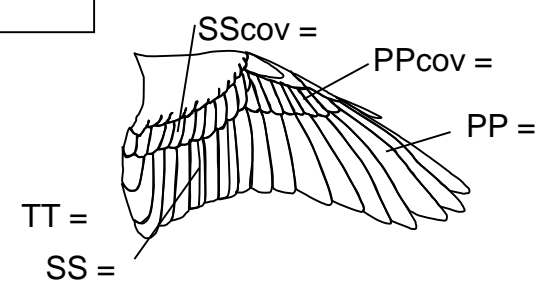
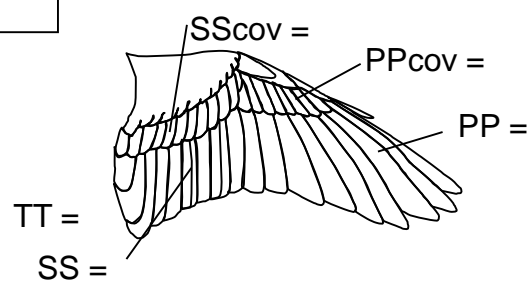
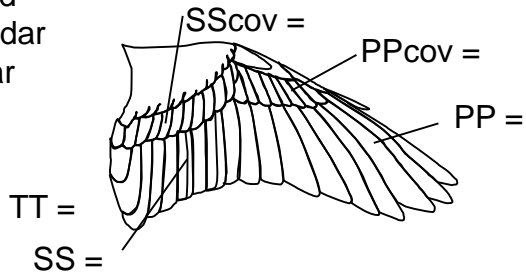
Hatching
year



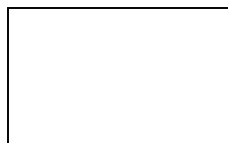
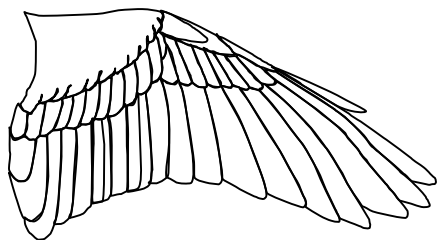
Second
calendar
year



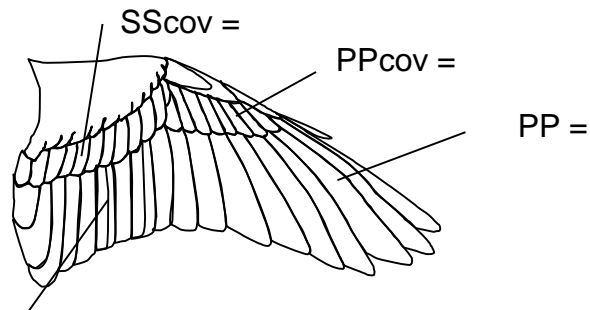
Third
calendar
year



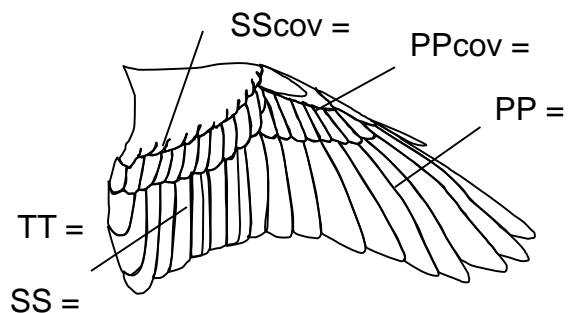
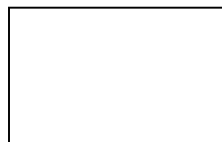
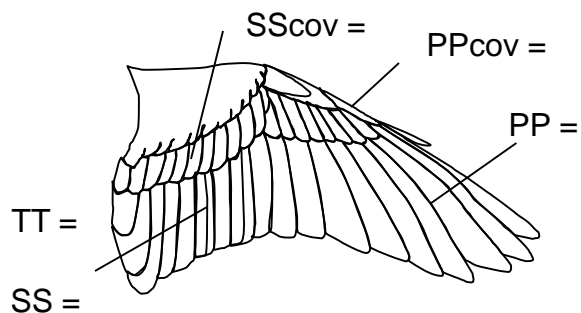
Hatching
year



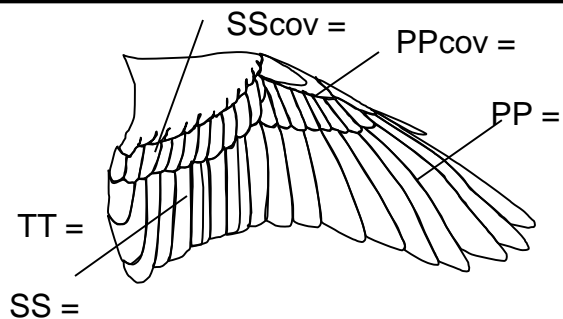
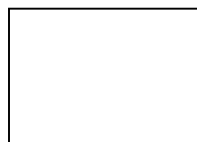
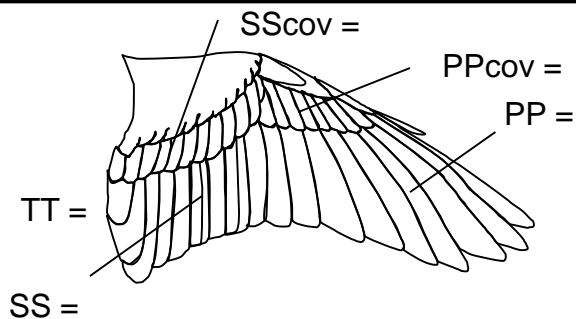
TT =
SS =



Second
calendar
year



Third
calendar
year



Fourth
calendar
year

