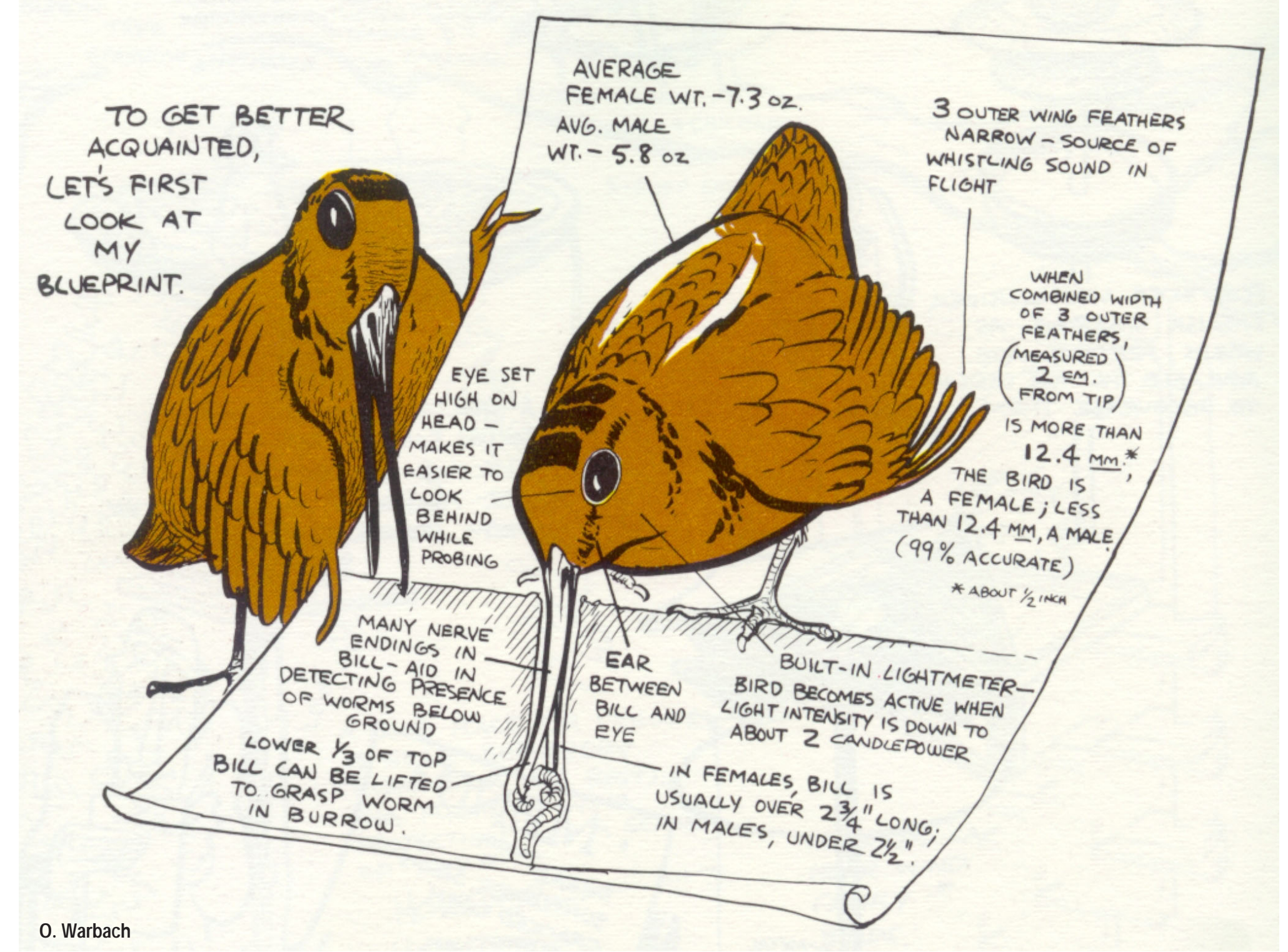
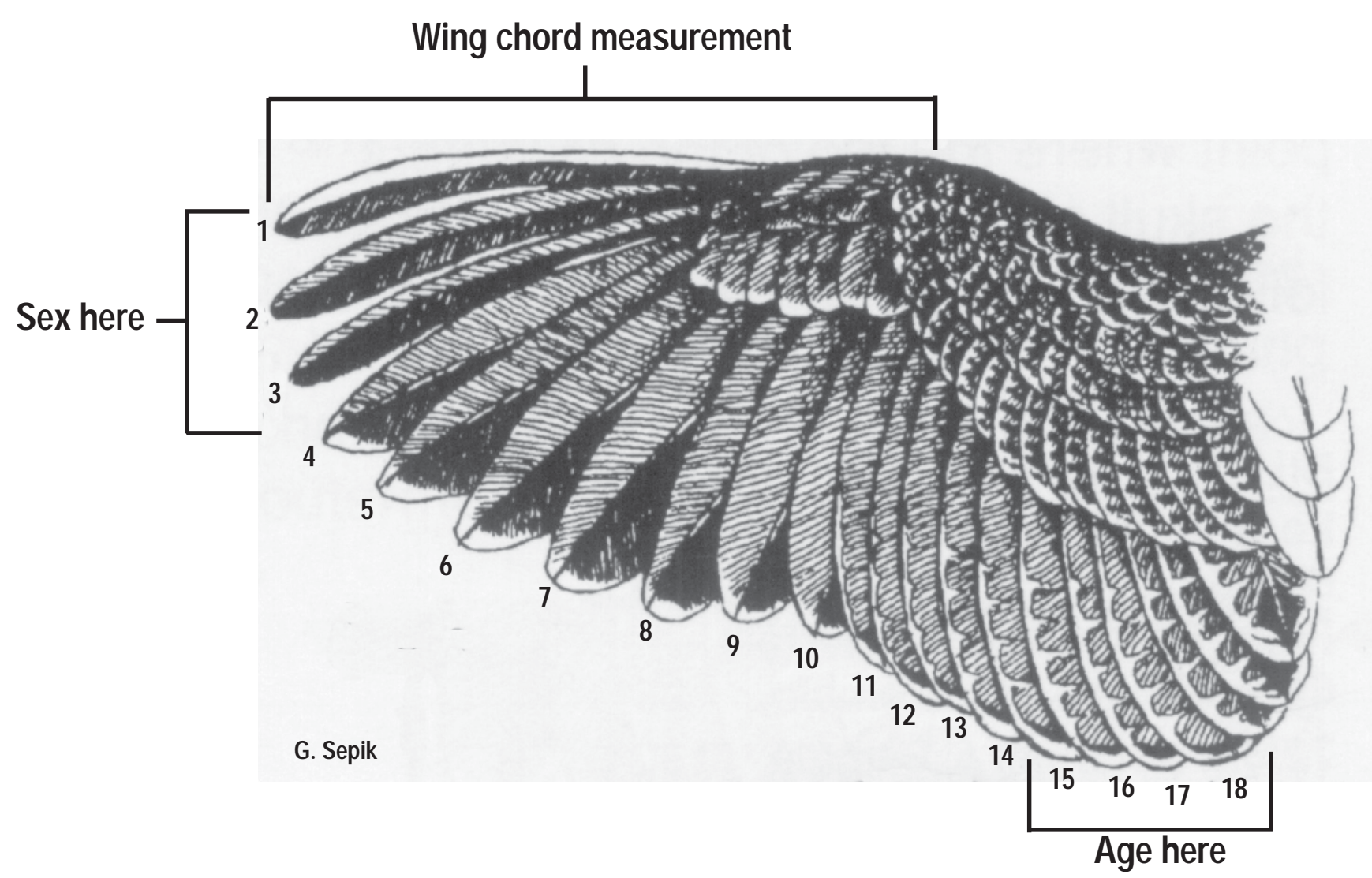


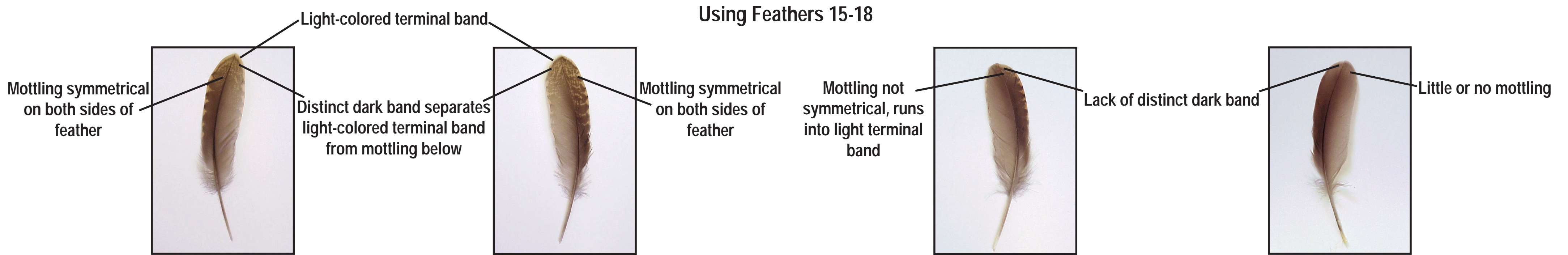
SEXING AND AGING AMERICAN WOODCOCK



JUVENILE

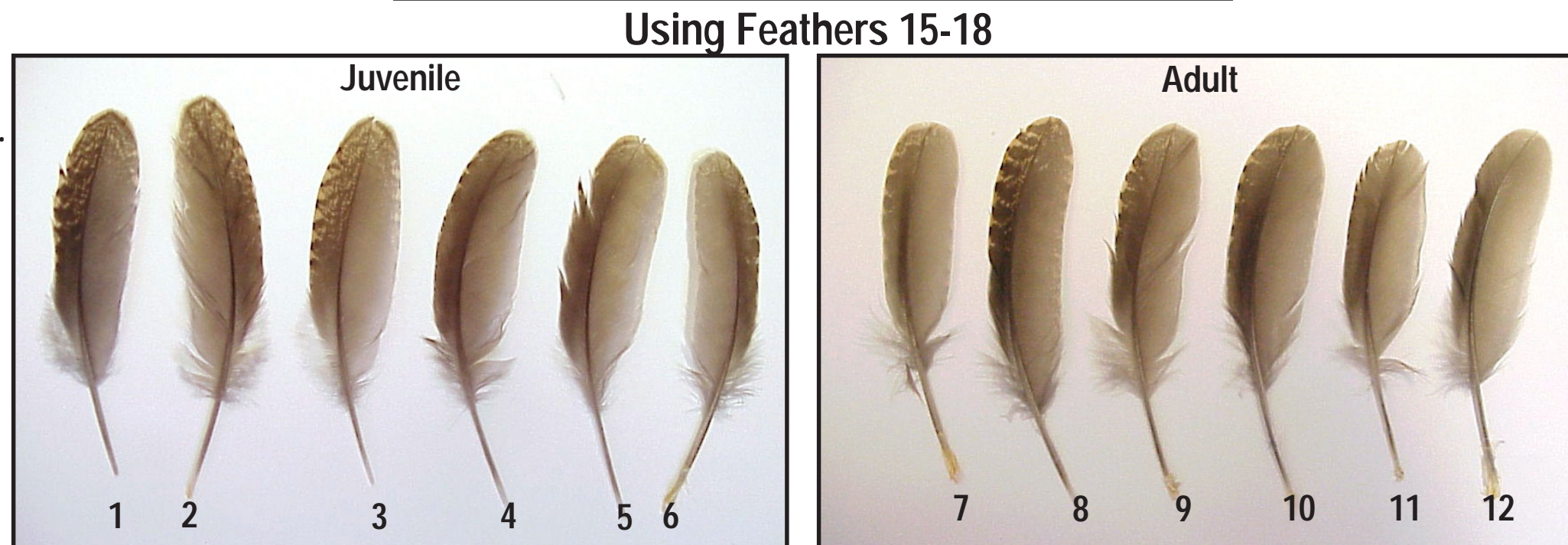
AGE

ADULT



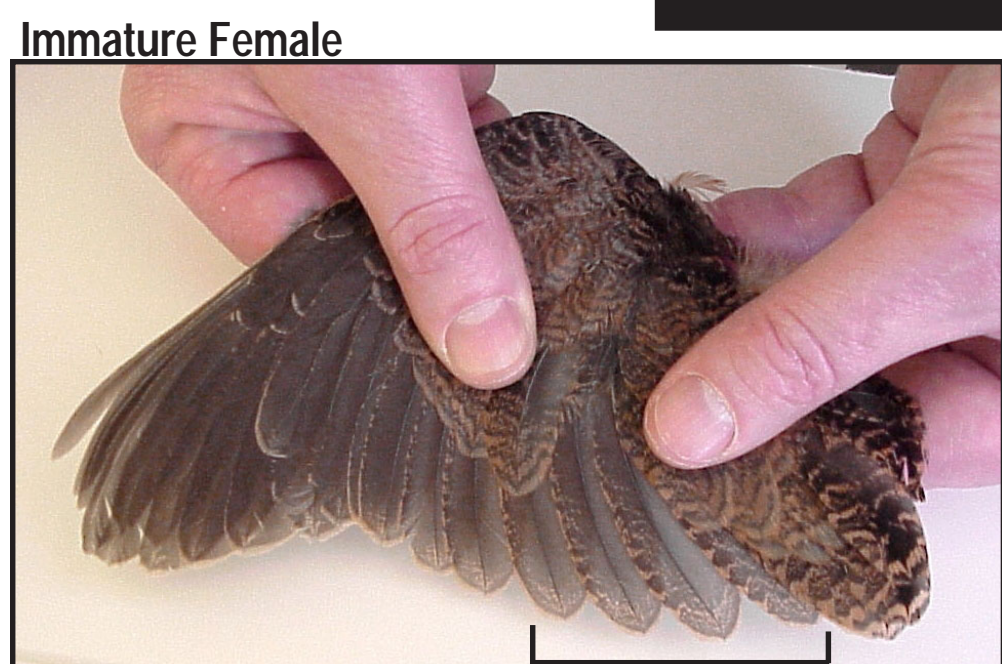
AGE SPECTRUM

- #1 Distinct dark band separates light-colored buffy tip from mottling below. Mottling symmetrical on both sides of feather.
- #2 Same as above, slightly less mottling.
- #3 Distinct dark band present, but narrower than #1 and #2.
- #4 Much less mottling, but mottling is symmetrical. Dark band present.
- #5 Less mottling, but symmetrical, dark band present.
- #6 Feather appears more worn, dark band more faint but still separates buffy tip from symmetrical mottling below.



- #7 Dark band less intact, mottling on right side extends into buffy tip. Mottling not symmetrical.
- #8 Lack of distinct dark band. Mottling not symmetrical and it extends into buffy tip.
- #9 Asymmetrical mottling, lack of distinct dark band.
- #10 Asymmetrical mottling, lack of distinct dark band.
- #11 Much less mottling and it is asymmetric. No dark band.
- #12 Very little mottling. No dark band.

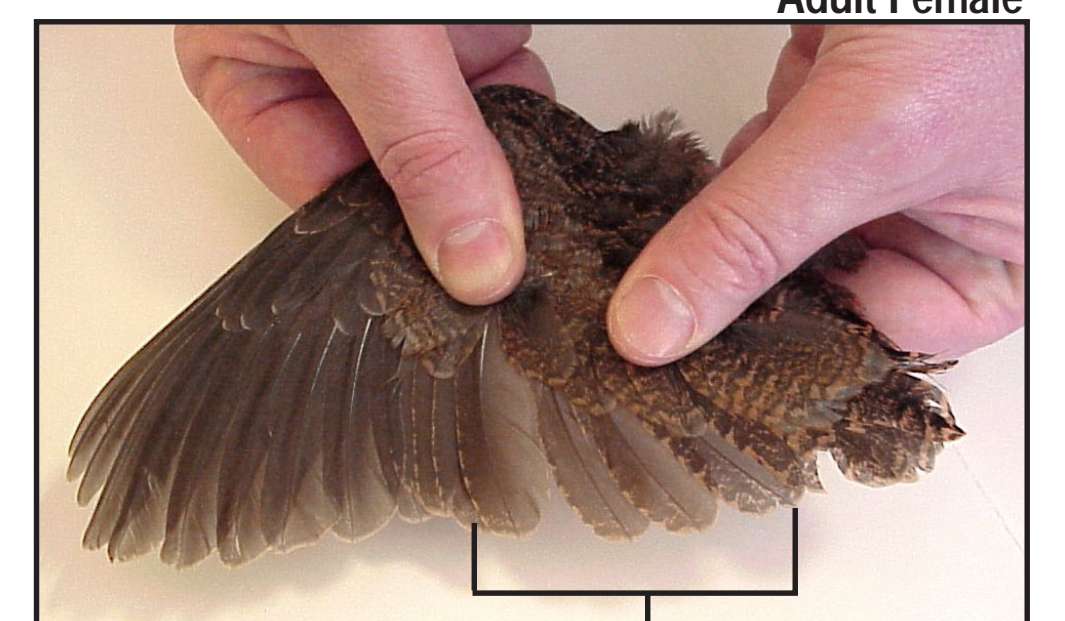
AGE - Retained Juvenile Feathers (secondaries)



Feathers 15-18 all juvenile feathers



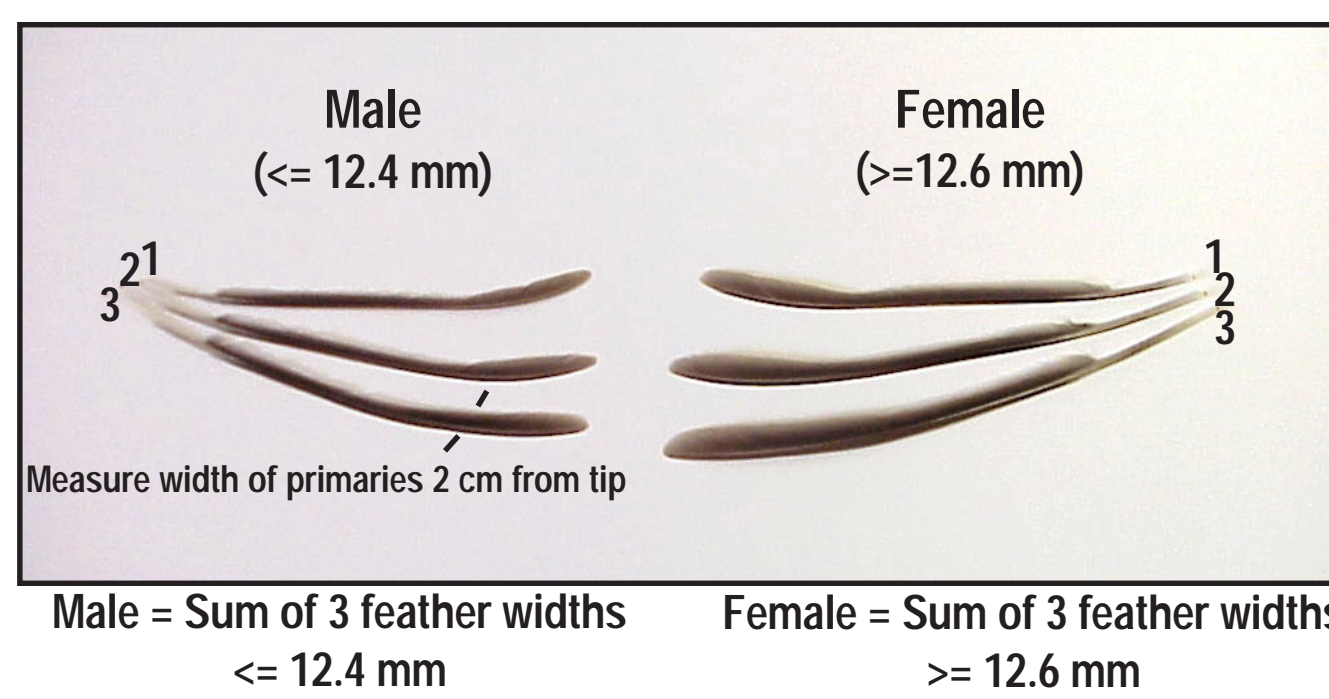
Adult Female with Retained Juvenile Feathers 15 and 16



Feathers 15-18 all adult feathers

SEX CRITERIA

If sum of the widths of the outer 3 primaries is between 12.4 and 12.6 mm you must determine sex from wing chord measurement. (See diagram at top for location of wing chord measurement)



Male = Sum of 3 feather widths <= 12.4 mm

Female = Sum of 3 feather widths >= 12.6 mm

Wing Chord Measurements

| Measurement | Sex | Accuracy |
|-------------|---------|----------|
| < 125mm | M | 100% |
| 125-127 mm | M | 95% |
| 128-138 mm | Unknown | — |
| 139-145 mm | F | 95% |
| >= 146 mm | F | 100% |

AGE - Adults with Emerging Primaries

Male- Outer 3 Primaries Still Emerging



Female- Outer 3 Primaries Still Emerging



"It is unfortunate, perhaps, that no matter how intently one studies the hundred little dramas of the woods and meadows, one can never learn all of the salient facts about any one of them." Aldo Leopold

Reference: Martin, F.W. 1964. Woodcock age and sex determination from wings. J. Wildl. Manage. 28:287-293.

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