

## GUIDES TO MEASURING LIVE BIRDS

By Frank P. Frazier

Measure in millimeters -- weigh in grams -- whenever possible. But weigh and measure live birds, at any rate. Banders have a unique opportunity to get these statistics and add important details to the study of live birds.

Always measure the direct distance - not the curvature.

- WING - from the bend of the wing - to the tip of the longest primary
- TAIL - from the point between the middle retrices where they emerge from the skin - to the end of the longest retrix
- BILL (Culmen) - from the tip of the upper mandible - to base of feathers on forehead
- TARSUS - from the point of the joint between tibia and metatarsus - to the point of the joint at the base of the middle toe in front

## CONVERSION FACTORS

<u>Multiply</u>	<u>By</u>	<u>To Obtain</u>
Inches	2.54	Centimeters
Feet	30.48	Centimeters
Centimeters	0.3937	Inches
Centimeters	10	Millimeters
Grams	0.03527	Ounces
Ounces	28.35	Grams
Ounces	16	Pounds
Temperature - (°C.)	1.78	Temp. (°F.)
" - (°F.)	5/9	" (°C.)

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