

MEASUREMENTS.

Doubtless a very large series of skins would show a gradual increase in size from south-northward in all measurements except perhaps the bill and feet. In a small series this can be emphasized only when the mean is obtained from remote localities. The table showing the sexual, individual and geographical variation requires no further comment than that the measurements are in inches and hundredths, and were taken by the writer from the dry skins of adult birds, secured on their breeding grounds. Late fall, winter and early spring specimens are not included. The measurements of young birds but a short time out of their nests follows. It would be well to state here that the first primary which is spurious or rudimentary, measures but a little over two inches in the juvenile, and less than two, usually about one and a half inches in the adult.

						Bill			
				Wing	Tail	Tarsus	Nostril to Tip	Depth at Nostril	Width
Northern United States (Between 40° and 43° par- allels lat.)	17 males	{	Aver.	6.04	4.15	1.07	1.09	.33	.35
		Max.	6.30	4.46	1.14	1.14	.36	.40	
		Min.	5.90	4.00	1.01	1.01	.29	.32	
	13 females	{	Aver.	6.06	4.14	1.06	1.11	.31	.34
		Max.	6.27	4.55	1.10	1.23	.35	.37	
		Min.	5.75	3.80	1.00	1.02	.28	.31	
Southern United States (Between 33° and 36° par- allel lat.)	9 males	{	Aver.	6.00	4.07	1.07	1.07	.32	.35
		Max.	6.25	4.62	1.10	1.15	.39	.39	
		Min.	5.75	3.87	1.03	1.02	.29	.33	
	14 females	{	Aver.	6.00	4.01	1.09	1.06	.34	.35
		Max.	6.23	4.62	1.12	1.13	.41	.39	
		Min.	5.75	3.69	1.05	.98	.29	.32	
9 Juveniles.....	{	Aver.	5.75	3.66	.95	1.07	.31	.34	
	Max.	6.00	4.05	1.08	1.11	.40	.36		
	Min.	5.55	3.10	.80	1.01	.22	.31		