

DATA EXCHANGE

This section has been included in the Journal at the request of a number of members of the Association. It is designed to allow the inclusion of material of a brief and possibly preliminary nature with a very short publication time. Suitable subject matter would include Weights and Measurements, Moults, Plumage changes, Colour of soft parts, Ageing and Sexing methods and Requests for information, etc.

It must be emphasised that material in 'Data Exchange' will, in some cases, be of a preliminary and possibly of an unconfirmed nature and is included to assist workers in the field and also for trial and/or comment by others. All correspondence in respect to material published in this section should be directed, in the first instance, to the quoted author.

Members are invited to submit brief papers or notes for inclusion in 'Data Exchange', such material should be forwarded to the Hon. Editor for appraisal.

It is recommended that material from 'Data Exchange' be referenced as, e.g.:

Lane, S. G. (1983), 'Weights and Measurements — Eastern Spinebill', *In Data Exchange, Corella 7: 22.*

Hon. Editor

Weights and Measurements

The tables below illustrate the size differences between the two species of Fairy-wrens which occur in the Sydney Region. The Superb Fairy-wrens, *Malurus cyaneus*, were captured and banded at Scheyville which is located about 41 km north-west of Sydney. The Variegated Fairy-wrens *Malurus lamberti* were banded at Winmalee in the lower Blue Mountains, about 65 km north-north-west of Sydney.

It has been suggested by A. J. Leishman (pers. comm.) that differences in bill width may also provide a reliable characteristic for separating brown birds of these species, but data are presently not available to substantiate this possibility.

Superb Fairy-wren *Malurus cyaneus*

Scheyville, N.S.W., 33°36'S., 150°54'E.
All year (1971-1983).

		RANGE	MEAN	SD	n
Wing (mm)	A ♂	47-53	50.0	1.3	33
	A ♀	47-50	48.2	1.1	8
	AMB	45-54	49.3	2.3	69
Wing Span (mm)	A ♂	153-165	159.1	3.0	41
	A ♀	153-160	155.5	3.4	14
	ABM	147-165	157.4	3.5	79
Tail (mm)	A ♂	53-64	58.6	3.3	38
	A ♀	54-61	57.7	2.4	11
	ABM	53-64	59.0	3.0	72
Weight (g)	A ♂	8.5-10.5	9.4	0.5	46
	A ♀	8.0-10.0	9.1	0.6	15
	ABM	7.75-10.5	9.0	0.6	100

Variegated Fairy-wren *Malurus lamberti*

Winmalee, N.S.W., 33°40'S., 150°37'E.
All year (1977-1983).

		RANGE	MEAN	SD	n
Wing (mm)	A ♂	47-49	48.0	0.7	5
	A ♀	44-49	45.6	1.4	11
	ABM	42-49	46.3	1.7	23
Wing Span (mm)	A ♂	147-153	150.4	2.3	7
	A ♀	143-148	144.7	1.7	13
	ABM	142-153	146.0	3.0	32
Tail (mm)	A ♂	73-85	78.5	3.7	10
	A ♀	71-80	75.1	2.8	9
	ABM	71-85	76.4	3.8	30
Weight (g)	A ♂	7.0-9.5	8.4	0.7	10
	A ♀	7.5-8.5	7.8	0.4	9
	ABM	7-9.5	8.0	0.6	29

Determination: Adult males by plumage;
Adult females by cloaca.

ABM = All birds measured — includes sexed adults as well as unsexed brown birds.

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New Members

BELL, G. D., North Ryde, N.S.W.
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CHUDLEIGH, B., New Zealand.
CLAPP, G. E., Papua New Guinea.
DENNY, M. J. S., Vaucluse, N.S.W.
DUCKWORTH, P. E., Bridport, Tas.
FABIAN, C. J., Ingleburn, N.S.W.
FILSELL, P., Blackwood, S.A.
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PYKE, G. H., Sydney, N.S.W.
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