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Colonial Herbarium.

REPORT

FOR THE

YEAR 1895,

BY

J. MEDLEY WOOD, A.L.S.,

*Corresponding Member of the Pharmaceutical Society
of Great Britain.*

CURATOR OF BOTANIC GARDENS,
DURBAN.

DURBAN:

BENNETT & DAVIS, PRINTERS, 345, WEST STREET.

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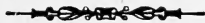
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COLONIAL HERBARIUM.



REPORT FOR THE YEAR, 1895



During the year the specimens in the Herbarium have been increased from 15,069, as stated in my last report, to 17,070 of which 7,295 are South African, and 9,774 foreign; all these are mounted and placed in the cabinet. In addition to these, I have advices of two parcels on the way containing about 500 specimens, which will be attended to on arrival. One of these parcels has a special value for us, the plants having been collected in Central Africa, by Mr. J. Buchanan, and are presented by him to the Herbarium. Two more cabinets have been purchased, making in all 26, and more will probably be required during next year.

The Government grant having been increased from £40 to £100 per annum, I have been enabled to obtain the services of Miss Lauth as assistant, Miss Lauth gives half her time to the work, which was all that I could afford to pay for at present, though there is ample work to occupy all her time if funds would permit.

Miss Lauth has been occupied in mounting the specimens, arranging them in their places in the cabinets, writing tickets, &c., &c., and is now engaged in marking off our specimens on the pages of "Index Kewensis" which will occupy some time, but when completed will be of much use when sorting out specimens for mounting, not only in saving time, but also by lessening the risk of damage to the specimens. Miss Lauth commenced her work in July, and so far has given me every satisfaction.

In addition to short collecting trips in the vicinity of Durban, I have collected plants in the following localities, viz.:—Ladysmith, Van Reenen, (twice), Buffalo Valley and Charlestown, (twice), Brakwal, Wessels Nek, Colenso, Inchanga, (twice) and Newcastle, on each occasion securing numerous specimens for the herbarium, and for exchange

with other institutions, many of the plants being rare and some new to science; the duplicates, of which I have a large number on hand, will be sorted out and sent away to different correspondents for exchange as opportunities occur.

I have sent away during the year specimens as under :—

Royal Gardens, Kew	...	...	96
" " Edinburgh	...	...	136
" " Calcutta	...	...	120
Imperial Gardens, Berlin	...	...	112
" " St. Petersburg	...	...	105
Botanic Gardens, Melbourne	...	...	124
" " Mississippi	...	...	121
" " Missouri	...	...	213
British Museum, London	...	...	113
United States Government Herbarium	...	...	107
Jardin des Plantes, Paris	...	...	105
Geological Survey, Canada	...	...	124
Herbarium Boissier	...	...	120
Cape Government Herbarium	...	...	65
J. Cosmo Melville, Esq., F.L.S.	...	...	84
W. V. Fitzgerald, Esq.	65
H. C. Flanagan, Esq.	102
E. E. Galpin, Esq.	78
H. Bolus, Esq., F.L.S.	30
R. Schlechter, Esq.	4

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And I have received specimens from the following :—

Royal Botanic Gardens, Calcutta	269
W. Trelease, Esq., Botanic Gardens, Missouri	...	...	239
Prof. Urban, Imperial Gardens, Berlin	...	...	199
S. W. Tracy, Esq., Botanic Gardens, Mississippi	...	...	113
P. Macowan, Esq., F.L.S., Govt. Herbarium, Capetown	...	...	154
Prof. Macoun, Canada	...	...	132
H. Bolus, Esq., F.L.S., Capetown	...	...	106
W. V. Fitzgerald, Esq., Zeehan	...	...	58
R. Schlechter, Esq., Berlin	...	...	75
United States Government Herbarium	610
E. E. Galpin, Esq., F.L.S., Queenstown	71
J. C. Melville, Esq., F.L.S., Manchester	218

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It will be noticed that the number of specimens received exceeds by about 200 the number reported as having been added to the collection, which has also been increased by a large number collected by myself; this is explained by the fact, that most parcels contain specimens which are already in the Herbarium, and which are therefore kept for distribution, though so far I have not sent away any but indigenous Natal plants. I have also on hand one parcel of specimens which are without names, the tickets attached bearing only the collectors number, locality and date of collection, and as they are natives of a district of South America of which place I have no Flora, I am unable at present to do anything with them, and they are, therefore, not added to the collection.

The following publications have been received :—

United States of America, Experiment Station Records, 13 parts from United States Government.	
The Russian Thistle in U.S. America	U. States Govt.
" " California	" "
Fibre Investigations in America	" "
Agricultural Investigations at Rockhampton	" "
Flora of Sand Hills of Nebraska	" "
Report of Cape Govt. Herbarium	Pro. Macowan.
Acta Herti Petropolitani	Pro. Batalin.
The Genus Acrolophia	R. Schlechter.
Contributions to S. African Asclepidology	" "
S. African Orchids	" "
" Asclepiads	" "
Amarantaceae Africanae	Dr. H. Schinz.
Geogenetische Beitrage	Dr. Otto Kuntze
African species of Eriosema	E. G. Baker, F.L.S.
Santa Barbara Exotic flora	Dr. Fransceschi.
Select Extra Tropical Plants	Baron Mueller.
Address to Bot. Section of B. Association	Pr. W. T. Dyer.
Catalogue Society of Botanical Exchanges	Editor.
Bulletin No. 34, Experiment Station Mississippi	Director.
Journal of Botany	Dr. Britten.
Conspectus Floreæ Africanæ	Dr. H. Schinz.

Kenntuis der Afrikanisches Flora Dr. H. Schinz.
 Contributions to the Knowledge of South
 African Orchids and Asclepiads R. Schlechter.

And the following have been purchased :—

Botanical Magazine, Vol. 50.
 Icones Plantarum, Vol. 3, Fourth series.
 Gardeners' Chronicle, Vol.
 Index Kewensis, Vol. 4.
 Erythea, Vol. 3.

It will be seen by the annexed list that a large number of names have during the year been added to our list of Natal plants, some few of these are accidental omissions, but the greater part are plants collected by Mr. R. Schlechter, Mr. M. S. Evans and myself, together with many, chiefly Cyperaceæ and Gramineæ collected by different persons, the names of which I have obtained from the "Conspectus Floreæ Africanæ" of Durand and Schinz, and some from the "Kew Bulletin." The present list forms the second supplement to my already published "Preliminary Catalogue of Natal Plants," the first being contained in my report for 1893, enumerating 44 species, while the present list includes 237, which for more convenient reference I have arranged in alphabetical order.

Additions to Preliminary Catalogue of Indigenous Natal Plants for 1895.

<i>Albuca humilis</i> Baker	Liliaceæ
<i>Alchemilla Madagascariensis</i> O. Hoff	Rosaceæ
„ <i>elongata</i> E. & Z.	„
<i>Alectra capensis</i> Thb.	Scrophulariaceæ
<i>Alepidea longifolia</i> E. & Z.	Umbelliferae
<i>Aloe Boylei</i> Baker	Liliaceæ
„ <i>minima</i> „	„
<i>Anagallis arvensis</i> L.	Primulaceæ
<i>Andropogon filipendula</i> Hochst	Gramineæ
„ <i>hirtus</i> L.	„
„ <i>pilosissimus</i> Hack	„
<i>Angraecum sacciferum</i> Idl.	Orchideæ
<i>Anisotome pedunculata</i> N. E. B.	Asclepiadeæ
<i>Anthospermum humile</i> N. E. B.	Rubiaceæ
<i>Aponogeton distachyum</i> L. f.	Naiadaceæ
„ <i>Rehmanni</i> Oliv	,

<i>Aristea paniculata</i> Baker		<i>Irideae</i>
<i>Asparagus Sprengleri</i> Regel		<i>Liliaceae</i>
<i>Astragalus Burkeanus</i> Bth.		<i>Leguminosae</i>
<i>Athrixia angustissima</i> D. C.		<i>Compositae</i>
" <i>pinifolia</i> N. E. B.		"
<i>Bobartia natalensis</i> (Regel) Klatt		<i>Irideae</i>
<i>Brownleea Galpini</i> Bolus		<i>Orchideae</i>
<i>Brunsvigia falcata</i> Ker		<i>Amaryllideae</i>
<i>Buchenroedera lotononides</i> S. E. W.		<i>Leguminosae</i>
<i>Buddleia pulchella</i> N. E. B.		<i>Loganiaceae</i>
<i>Bulbinella carnosae</i> (Bak.) Nob		<i>Liliaceae</i>
<i>Bulbostylis cinnamomea</i> (Boeckl) C.		
	B. Clarke	<i>Cyperaceae</i>
" <i>collina</i> (Kth)	"	"
" <i>Kirkii</i>	"	"
" <i>striatella</i>	"	"
" <i>Zeyheri</i> (Boeckl)	"	"
<i>Callitriche Bolusii</i> Sch & Pax		<i>Haloragaceae</i>
<i>Calpurnea sylvatica</i> E. M.		<i>Leguminosae</i>
<i>Carex Dregeana</i> Kth		<i>Cyperaceae</i>
" <i>Essenbeckiana</i> Boeckl		"
" <i>extensa</i> Gooden		"
" <i>phacota</i> Spr		"
" <i>spicato-paniculata</i> Boeckl		"
<i>Chironia pusilla</i> Oliv		<i>Gentianeae</i>
<i>Cineraria lobata</i> L'Her		<i>Compositae</i>
<i>Cladium jamaicense</i> Crantz		<i>Cyperaceae</i>
<i>Commelina barbata</i> Lam. var		<i>Commelinaceae</i>
" <i>Gerrardi</i> C. B. Clarke		"
<i>Conyza podocephala</i> D. C.		<i>Compositae</i>
<i>Costularia natalensis</i> C. B. Clarke		<i>Cyperaceae</i>
<i>Crassula curta</i> N. E. B.		<i>Crassulaceae</i>
" <i>umbraticola</i> "		"
<i>Crotalaria striata</i> D. C.		<i>Leguminosae</i>
<i>Cucumis dissectifolius</i> Naud		<i>Cucurbitaceae</i>
<i>Cynanchum obtusifolium</i> L. f		<i>Asclepiadeae</i>
" <i>schistoglossum</i> Schltr		"
<i>Cyperus amnicola</i> Kth		<i>Cyperaceae</i>
" <i>compacta</i> Lam		"
" <i>digitatus</i> Roxb		"
" <i>elephantinus</i> C. B. Clarke		"
" <i>immensus</i> "		"
" <i>isocladus</i> Kunth "		"
" <i>leptocladus</i> "		"
" <i>prasimus</i> "		"
" <i>rupestris</i> "		"
" <i>tenax</i> Boeckl		"
" <i>textilis</i> Thb		"

<i>Cyperus Teneriffae</i> Poir	Cyperaceae
„ <i>usitatus</i> Burch	„
„ <i>uniloides</i> R. Br	„
<i>Cyphia sylvatica</i> E. & Z.	Campanulaceae
<i>Cyrtanthus luteus</i> Baker	Amaryllideae
<i>Diascia cordata</i> N. E. B.	Scrophularineae
„ <i>purpurea</i> „	„
<i>Dioscorea crinita</i> Hk f.	Dioscoraceae
<i>Dipcadi ciliare</i> (E. & Z.) Baker	Liliaceae
<i>Disperis Tysoni</i> Bolus	Orchideae
„ <i>Macowani</i> „	„
<i>Echinosperrnum capense</i> D. C.	Boragineae
<i>Erica alopecurus</i> Harv	Ericaceae
<i>Eriocaulon africanum</i> Hochst	Eriocaulaceae
„ <i>Dregeanum</i> „	„
<i>Eucomis bicolor</i> Baker	Liliaceae
„ <i>humilis</i> „	„
„ <i>nana</i> „	„
„ <i>robusta</i> „	„
<i>Eulophia deflexa</i> Rolfe	Orchideae
„ <i>capensis</i> Bolus	„
<i>Euryops pedunculatus</i> N. E. B.	Compositae
<i>Felicia linearis</i> „	„
<i>Fimbristylis obtusifolia</i> Kth	Cyperaceae
<i>Ficinia cinnamomea</i> C. B. Clarke	„
<i>Fuirena chlorocarpa</i> Ridl	„
„ <i>caerulescens</i> Steud	„
„ <i>hirta</i> Vahl	„
„ <i>microlepis</i> Kth	„
<i>Geranium pulchrum</i> N. E. B.	Geraniaceae
<i>Gerbera parva</i> „	Compositae
<i>Gladiolus Cooperi</i> Baker	Iridaeae
„ <i>gracilis</i> Jacq	„
„ <i>Gueinzii</i> Kze	„
„ <i>involutus</i> Delaroché	„
„ <i>Leichtlini</i> Baker	„
„ <i>natalensis</i> Reinw	„
„ <i>orchidiflorus</i> Andrews	„
„ <i>sericeo-villosus</i> Hook	„
„ <i>spicatus</i> Klatt	„
<i>Gomphocarpus concinnus</i> Schltr	Asclepiadeae
„ <i>pachyglossus</i> „	„
<i>Gymnopentzia pilifera</i> N. E. B.	Compositae
<i>Habenaria Gerrardi</i> Rehb f	Orchideae
<i>Haemanthus albiflos</i> Jacq	Amaryllideae
„ <i>magnificus</i> Herb	„
<i>Helichrysum album</i> N. E. B.	Compositae
„ <i>confertum</i> „	„

<i>Helichrysum fulvum</i> N. E. B.	Compositae
" <i>Mundtii</i> Harv	"
" <i>setosum</i> "	"
<i>Hibiscus hastaeifolius</i> E. M.	Malvaceae
<i>Homeria miniata</i> Sweet	Irideae
<i>Indigofera seticulosa</i> Harv var <i>luxurians</i>	Leguminosae
<i>Juncus lomatoophyllus</i> Spreng	Juncaceae
<i>Kedrostis longepedunculata</i> Cogn	Cucurbitaceae
<i>Kniphofia Evansii</i> N. E. B.	Liliaceae
" <i>sarmentosa</i> Kth	"
<i>Kyllinga erecta</i> Schumach	Cyperaceae
" <i>Lehmanni</i> Nees	"
" <i>pauciflora</i> Ridl	"
<i>Lasiochloa alopecuroides</i> Hack	Gramineae
<i>Launea bellidifolia</i> Cass	Compositae
<i>Lemna gibba</i> L.	Lemnaceae
" <i>minor</i> L.	"
<i>Lipocarpa pulcherrima</i> Ridl	Cyperaceae
<i>Lithospermum officinale</i> L.	Boraginaceae
<i>Ludwigia palustris</i> L.	Onagrarieae
<i>Lyperia grandiflora</i> N.E.B.	Scrophularineae
<i>Lysimachia brachypetala</i> Schltr	Primulaceae
<i>Macowamia</i> sp.	Compositae
<i>Mahernia betonicaefolia</i> E. & Z.	Sterculiaceae
<i>Manulea crassifolia</i> Bth	Scrophularineae
<i>Mariscus Bolusii</i> C. B. Clarke	Cyperaceae
" <i>Cooperi</i> "	"
" <i>Dregeanus</i> Kth	"
" <i>elatior</i> Boeckl	"
" <i>Grantii</i> C. B. Clarke	"
" <i>Gueinzii</i> "	"
" <i>luzuliformis</i> "	"
" <i>macer</i> Kth	"
" <i>macrocarpus</i> "	"
" <i>Owani</i> C. B. Clarke	"
" <i>radiatus</i> Hochst Mss	"
" <i>Rehmannianus</i> C. B. Clarke	"
" <i>umbellatus</i> Vahl	"
<i>Melica caffrorum</i> Schrad	Gramineae
<i>Melothria membranifolia</i> Cogn	Cucurbitaceae
" <i>parvifolia</i> "	"
<i>Mentha sylvestris</i> L.	Labiatae
<i>Mimusops dispar</i> N. E. B.	Sapotaceae
" <i>marginata</i> "	"
" <i>oleifolia</i> "	"
<i>Momordica balsamina</i> L.	Cucurbitaceae
<i>Monadenia brevicornis</i> Ldl	Orchideae
<i>Myosotis graminifolia</i> A.D.C.	Boraginaceae

<i>Mystacidium longicornu</i> Nob	Orchideae
<i>Nemesia albiflora</i> N. E. B.	Scrophularineae
<i>Nesaea sagittifolia</i> Koehne	Lythrarieae
<i>Nestlera virgata</i> N.E.B.	Compositae
<i>Ornithogalum diphyllum</i> Baker	Liliaceae
<i>Panicum chusqueoides</i> Hack	Gramineae
„ <i>debile</i> Desf	„
„ <i>diversenerve</i> Nees	„
„ <i>filiculme</i> Hack	„
„ <i>laetum</i> Kth	„
„ <i>parvulum</i> „	„
„ <i>phaeocarpum</i> Hack	„
„ <i>ternatum</i> Hochst var	„
<i>Paspalum longiflorum</i> Retz	„
<i>Pavetta disarticulata</i> N. E. B.	Rubiaceae
<i>Pelargonium alchemilloides</i> var	
<i>ranunculifolia</i> Hav	Geraniaceae
„ <i>dispar</i> N.E.B.	„
„ <i>ranunculoxyllum</i> Baker	„
<i>Pentarrhinum coriaceum</i> Schltr	Asclepiadeae
<i>Peperomia reflexa</i> Dietr	Piperaceae
<i>Pergularia africana</i> N. E. B.	Asclepiadeae
<i>Polycarpon tetraphyllum</i> L.	Caryophylleae
<i>Polygala neglecta</i> Macowan	Polygaleae
„ <i>producta</i> N. E. B.	„
<i>Printzia laxa</i> „	Compositae
<i>Pterygodium hastatum</i> Bolus	Orchideae
<i>Rhynchospora cyperoides</i> Mart	Cyperaceae
„ <i>glauca</i> Vahl	„
„ <i>spectabilis</i> Krauss	„
<i>Romulea rosea</i> Eckl var	Irideae
<i>Rottboellia compressa</i> Lf	Gramineae
<i>Royena lucida</i> L.	Ebenaceae
<i>Rumea nepalensis</i> Spr	Polygoneae
„ <i>sagittatus</i> L.	„
<i>Salvia scabra</i> Thb var	Labiatae
<i>Scabiosa africana</i> L.	Dipsaceae
<i>Schoenoxiphium Buchanani</i> C. B. Clarke	Cyperaceae
„ <i>rufum</i> Nees	„
<i>Schmidelia decipiens</i> Arn	Sapindaceae
<i>Schizoglossum ciliatum</i> Schltr	Asclepiadeae
„ <i>elingue</i> „	„
„ <i>flavum</i> „	„
„ <i>robustum</i> „	„
<i>Scirpus cernuus</i> Vahl	Cyperaceae
„ <i>hystria</i> Thb	„
„ <i>macer</i> Boeckl	„
„ <i>maritimus</i> L.	„

<i>Scleria catophylla</i> C. B. Clarke	<i>Cyperaceae</i>
„ <i>natalensis</i> Boekl	„
„ <i>Woodii</i> C. B. Clarke	„
<i>Sebaea acutiloba</i> Schinz	<i>Gentianeae</i>
„ <i>Evansii</i> N. E. B.	„
„ <i>filiformis</i> Schinz	„
<i>Senecio Evansii</i> N. E. B.	<i>Compositae</i>
<i>Solanum suplo-sinuatum</i> Klotsch	<i>Solanaceae</i>
„ <i>Thruppii</i> Wright	„
<i>Sonchus Ecklonianus</i> D.C.	<i>Compositae</i>
<i>Sphaeralcea pannosa</i> Bolus	<i>Malvaceae</i>
<i>Sporobolus natalensis</i> Nob	<i>Gramineae</i>
<i>Streptocarpus pusillus</i> Harv	<i>Gesneraceae</i>
<i>Tacazzia Kirkii</i> N. E. B.	<i>Asclepiadeae</i>
<i>Tetraria Bolusii</i> C. B. Clarke	<i>Cyperaceae</i>
<i>Thespesia Rehmanni</i> Szyzy	<i>Malvaceae</i>
<i>Tricholaena Dregeana</i> Nob	<i>Gramineae</i>
<i>Trichopteryx simplex</i> Bth	„
<i>Triglochin striatum</i> Ruiz & Pav	<i>Naiadaceae</i>
<i>Urelytrum squarrosom</i> Hack	<i>Gramineae</i>
<i>Valeriana capensis</i> Thb van lanceolata	<i>Dipsaceae</i>
<i>Vernonia podocoma</i> Sch Bip	<i>Compositae</i>
<i>Wahlenbergia pinifolia</i> N. E. B.	<i>Campanulaceae</i>
<i>Xerophyta clavata</i> Baker	<i>Amaryllideae</i>
„ <i>miniata</i> „	„
„ <i>retinervis</i> „	„
<i>Xyris natalensis</i> Nillson	<i>Xyrideae</i>
„ <i>umbilonis</i> „	„
<i>Zanichellia palustris</i> L.	<i>Naiadaceae</i>
<i>Zostera minor</i> Nolte	„

When preparing the list of Natal plants which was published in 1894, I included many of which I had the generic names only, distinguishing them by adding the collectors names, and in most cases his Herbarium No. Since then some of these plants have been named and described, while others have been identified with already described species, and in several cases the plant has been found to have been incorrectly named, and has therefore been removed to the genus to which it more properly belongs, I therefore give below a list of these corrections, and will continue it in future reports if it should be found to be necessary.

Barleria, J. M. W., 803	is <i>B. mucronata</i> , Lindall
Belmontia „ 133	is <i>B. natalensis</i> , Schinz
Buddleia „	is <i>B. pulchella</i> , N. E. B.

Carex	„	1190	is C. spicato-paniculata, Boeck
„	„	1353	is C. Dregeana, Kth
„	„	4038	is C. phacota, Spr
Cathastrum capense, Turcz			is Pleurostyliya capensis, Oliv
Cynorchis, (J. Sanderson)			is C. compacta, Rchb f
Cyperus, J. M. W.,		4004	is Mariscus Owani, C. B. Clarke
„	„	4098	is „ Guienzii „
„	„	4093	is C. immensus „
„	Buchanan, 113		is C. elephantinus „
Disa delphinioides, Harv			is D. aconitoides, Sond
Euryops, J. M. W.		3601	is E. longepedunculatus, N.E.B.
Ficinia	„	1939	is F. cinnamomea, C. B. Clarke
Fuirena glabra, Eckl			is F. microlepis, Kth
Helichrysum, J. M. W.,		4533	is H. fulvum, N. E. B.
Indigofera	„	1602	is I. seticulosa, Harv var
Ipomœa	„	3460	is I. pellita, Hallier
Kyllinga aurata, Nees			is K. erecta, Schumach
Matricaria, J. M. W.,		3046	is M. zuurbergensis, Oliv
Microrhynchus Dregeanus, D.C.			is Launea bellidifolia, Cass
Mimusops, J. M. W.,		1661	is M. marginata, N. E. B.
Papaver gariepense, Burch			is P. horridum, D. C.
Pentopetia, J. M. W.,		3634	is P. natalensis, Schltr
Rhynchospora	„	1596	is R. glauca, Vahl
Scirpus	„	1352	is Bulbostylis collina, C. B. Clarke
„	„	1575	is „ Kirkii „
„	„	1963	is S. macer, Boeckl
Seleria	„	3944	is S. Woodii, C. B. Clarke
Scлаго	„	3845	is S. densiflora, Rolfe
Streptocarpus, G. H.,		3438	is S. Wendlandi, „
Vitis, J. M. W.,		3593	is Cissus cussonioides, Schinz
Zeuxine, R. Schltr			is Z. cochlearis, Schltr

It was my intention to have continued in this report the list of native names and uses of our indigenous plants, but information of this kind is obtained but very slowly, and I therefore defer it to a future report, and I may say that I should feel very grateful for information on this subject from those who from their knowledge of the natives and their language are able to supply it.

J. MEDLEY WOOD.



