

# Contents.

---

	Page.
The President's Remarks .....	I
Election of nine Fellows .....	I
Mr. R. M. Johnston's Paper on the Death Rate, etc. ....	III
Remarks of Dr. E. O. Giblyn on Mr. Johnston's Paper .....	IV
Remarks of the Hon. J. W. Agnew on Mr. Johnston's Paper .....	V
Postponement of Discussion .....	"
Messrs. B. Carrington and W. H. Pearson's Paper.....	"
Tasmanian Hepaticæ collected by Mr. Bastow .....	"
Aucylus Irvineæ .....	"
Gundlachia Beddomei .....	VI
Tasmania Butter Fish ( <i>Chilodactylus Mulhalli</i> ).....	"
Psilocranium Coxii .....	"
Richardson's ( <i>Chilodactylus Nigricans</i> ).....	"
Australian Antarctic Exploration Committee.....	VII
Letter from the Royal Society of Victoria .....	"
Recommendations from the Antarctic Committee.....	"
Mr. Barnard's (Vice-President) Motion <i>re</i> President .....	X
His Excellency's Reply .....	"
Specimens of Tasmanian Timber Trees .....	XI
Celery-Top Pine .....	"
May Meeting .....	"
Election of Eight Fellows.....	"
Address to Her Majesty .....	XII
The Comets of February, 1880, and January, 1887 .....	"
Discussion on Mr. Johnston's Paper .....	XIII
"    by Dr. C. J. Parkinson.....	"
Mr. Mault's Remarks, ditto .....	XVI
Mr. W. F. Ward's, ditto .....	XVIII
Mr. E. C. Nowell's, ditto .....	XVIII
Capt. Shortt's, ditto .....	XIX
Dr. Perkin's, ditto.....	"
Communication from Dr. Agnew, ditto .....	XX
His Excellency's, ditto .....	XXI
Mr. Johnston's Reply, ditto .....	XXII
Vote of Thanks by Hon. P. O. Fysh .....	XXIV
Postponement of Mr. Bastow's Paper .....	XXV
Antarctic Exploration, Deputation to the Premier .....	"
Premier's Reply <i>re</i> Antarctic Deputation.....	XXVI
June Meeting .....	XXVII
Election of Two Fellows .....	"
Rev. Mr. Woolnough's Paper on Iceland .....	XXVIII
Identity of certain Tasmanian Fishes .....	XXX
Labrichthys Cerulceus .....	"
Chilodactylus Gibbosus .....	"
Ditto, Vigonarius .....	"
Cossyphus Gouldi .....	XXXI
Chilodactylus Vittatus .....	"
Frost Fish ( <i>Leipodus Caudatus</i> ) .....	"
Two Rare Fish ( <i>Histiophorus Herschelli</i> ) .....	"

	Page.
Porbeagle Shark ( <i>Lamna Cornubica</i> ) .....	XXXII
A New Water Plant .....	"
Picturesque Atlas of Australasia .....	"
Fifty Sketches of Tasmanian Scenery. By J. S. Prout.....	"
July Meeting .....	XXXIII
Proposed Antarctic Expedition .....	XXXIV
Special Scientific Meetings at Adelaide. ....	"
Scientific Federation .....	XXXV
Letter from Sir Wm. Dawson on Scientific Federation .....	"
Discussion on the above Letter .....	"
Motion to be forwarded <i>re ditto</i> .....	"
A Rare Moss ( <i>Dawsonia Superba</i> ) .....	XXXVI
Tasmanian Hepaticæ .....	"
King's Island, Mt. Cygnet, and Fingal .....	XXXIX
New Land Shell ( <i>Helix Brunonia</i> ).....	"
Felspar Porphyry, Pt. Cygnet.....	XL
Photograph of the Nest of the Mountain Thrush .....	"
Tasmanian Beech.....	"
Codlin Moth <i>Trap</i> .....	"
Recipe for Tanning Skins.....	"
Sporobolus Virginicus.....	XLI
The Late Mr. C. P. Sprent .....	"
August Meeting .....	XLII
Victorian Royal Society .....	XLIV
New Plants and New Localities .....	XLV
Mr. Perrin's Notes on the New Plants.....	"
New Fishes ( <i>Eurumetopus Johnstoni</i> ).....	XLVII
Triptergium Clarkei .....	"
A Deceased Scientist .....	"
On the Destruction of Ferns and Trees at Mt. Wellington.....	"
The Geology of the Scottsdale Line .....	XLVIII
Notes and Exhibits.....	"
Pouched Lion of Australia ( <i>Thylacoleo Carnifex</i> ) .....	"
Diprotodon Sp. ....	"
Gigantic Fossil Lizard .....	"
Enormous Earth Worms .....	XLIX
Ethnological Subjects .....	"
Tasmanian Lichens.....	"
September Meeting.....	"
Election of Two New Fellows .....	"
On the Acclimatisaton of the True Salmon.....	L
On the Salmon Disease .....	"
Birds of Maria Island .....	LII
Natural Grafting .....	LIII
Weeping Ash ( <i>Fraxinus Excelsior Pendula</i> ) .....	"
Cast of the Skull of <i>Nototherium Mitchellii</i> .....	"
Shells ( <i>Pinna Nobilis</i> ) .....	"
October Meeting .....	"
Another Experiment for the Acclimatisation of Salmon provided for by the Hon. J. W. Agnew .....	LIV
Diamond Digging in Africa .....	LV
The Building Rotifer.....	LXI

	<i>Page.</i>
"Alpha Centauri".....	LVII
The Egg of the Echidna .....	"
Eggs of the White Hawk .....	LVIII
Orca Capensis .....	LIX
November Meeting .....	"
Election of Two New Fellows.....	"
Exploration of Mt. Munro .....	"
Birds of Tasman's Peninsula .....	LX
Highlands of Lake St. Clair .....	"
Nesting of Birds on the Actæon Islands.....	"
Rocks of the Tertiary Period .....	"
Geological conditions of the Hobart Reservoir .....	"
Common Sense in Education (a paper) .....	LXI
President's Address .....	"
<b>PAPERS :</b>	
Description of new Rare Tasmanian Hepaticæ.—By Messrs. B. Carrington, M.D., and W. H. Pearson .....	1
How far can the general death rate for all ages be relied upon as a comparative index of the health or sanitary condition of any community. By R. M. Johnston, F.L.S. ....	13
On the Riccia Natans. By R. A. Bastow, F.L.S.....	36
The Comets of February, 1880, and January, 1887. By A. B. Biggs .....	38
Description of two new species of Tasmanian fresh-water shells. By W. F. Petterd, F.L.S. ....	40
Note on the Tasmanian "butter fish" (Chilodactylus mulhali.) By W. Saville Kent, F.L.S., etc. ....	42
Notes on three specimens of fish hitherto unrecorded as being found in Tasmanian waters. By Alex. Morton.....	44
An account of two rare Tasmanian fishes. By R. M. Johnston, F.L.S.....	45
Notes on the identity of certain Tasmanian fish. By W. Saville-Kent, F.L.S., etc. ....	47
On the geology of the Scottsdale line. By T. Stephens, F.G.S., M.A. ....	48
On some plants new to Tasmania, etc. Baron F. Von Mueller, K.C.M.G., F.R.S.....	53
On the acclimatisation of the salmon (Salmo Salar) in Tasmanian waters. By W. Saville-Kent, F.L.S., etc.....	54
On the lower coal measures of Port Cygnet. By R. M. Johnston, F.L.S. ....	67
Notes on the Fingal Basin from the operations of a trial bore. By R. M. Johnston, F.L.S. ....	70
Notes with the respect to fishes, the land and fresh water molluscs of King's Island. By R. M. Johnston, F.L.S.....	74
Description of two new fishes. By Alex. Morton .....	77
On the star "Alpha Centauri." By A. B. Biggs .....	79
A first list of the birds of Maria Island. By Col. W. V. Legge, R.A., etc. ....	83
Diamond digging in South Africa. By James Andrew.....	98
On the geological conditions of the site of the new storage reservoir near Hobart By T. Stephens, F.G.S., M.A. ....	107
The Highlands of Lake St. Clair. By Col. W. V. Legge, R.A., etc. ....	114
On the breeding of some sea birds on the Actæon Islands and adjacent Islets .....	128
On the egg of the echidna. By Alex. Morton .....	290
Observations with respect to the nature and classification of the rocks of the Tertiary period, more particularly relating to Tasmania. By R. M. Johnston, F.L.S. ....	135
The Tasmanian Hepaticæ By R. A. Bastow, F.L.S.....	209
Notes on Iceland. By Rev. J. B. Woollnough .....	XXVIII
On a Building Rotifer. By R. A. Bastow, F.L.S. ....	LVI
Common sense in education. By J. S. Laurie .....	LXI