INDEX

VOL. XII

(Roman numerals refer to the Proceedings; Arabic numerals to the Transactions.)

Action of organo-magnesium compounds on quinone. By C. C.	GI
Wallace 30)1
Aluminium salts, influence of, on the estimation of sulphates. By	
H. J. M. Creighton 20)7
Amygdalin, a new method for the detection of. By H. J. M.	
	34
Aquatic fungi, some Nova Scotian. By C. L. Moore 21	17
Brodie, W. S.—Some effects of ice action near Grand Lake, Cape	
Breton 24	53
Butterflies and moths, mostly collected in the neighborhood of	
Halifax and Digby, Nova Scotia. By J. Perrin and	
J. Russell	58
	61
Cape Breton, N. S., note on recent earthquake in. By D. S. Mc-	,
Intosh, M. Sc	11
211000H, 221.2011.	
Cavanagh, H., and Stairs, D.—Geological conditions affecting the	vi
((
· · · · · · · · · · · · · · · · · · ·	36
Catalogue of butterflies and moths, mostly collected in neighborhood	~ 0
of Halifax and Digby, N. S. By J. Perrin and J. Russell 2.	96
Cetacea; skeleton of a [fossil] whale [Monadon monoceros, Linn.]	
in the Provincial museum, Halifax, Nova Scotia; with	
notes on the fossil Cetacea of North America. By G.	۰.
	39
Coal, action of organic sulphur in, during the coking process. By	
A. L. McCallum 2	12
Coking, action of organic sulphur in coal during the coking process.	
By A. L. McCallum 2	12
Creighton, H. Jermain Maude, M. A.—Behavior of solutions of	
The state of the s	49
Few chemical changes influenced by radium; a new method	
for the detection of amygdalin	34
Influence of aluminium salts on the estimation of sulphates 20	07
Influence of radium on the decomposition of hydriodic acid]
(xvii)	
(AVII)	

	PAGE
Crichton, G. L. H. See Mackenzie, C. J.	
Dartmouth Lakes, water from. See water power of Halifax County,	
Nova Scotia. By F. W. W. Doane, C. E	21
Davis, Harold S., B. A.—Concerning the effect of gravity on the con-	
centration of a solute	291
On a new method of estimating iodides. (Title only.)	lxxi
Deceased members. See Obituary notices.	
Delegate to Geological Society of Glasgow, appointment of	liv
Digby, N. S.; catelogue of butterflies and moths, mostly collected in	
neighborhood of Halifax and Digby, Nova Scotia. By	
J. Perrin and J. Russell	258
Doane, Francis Wm. Whitney, C. E.—Presidential address (1906):	200
(1) work of the Institute; (2) research work; (3)	
sanitary scientific work	i
Presidential address (1907): (1) deceased members; (2)	•
technical education	xxxi
Water power of Halifax County, Nova Scotia: part 1, Dart-	AAAI
mouth Lakes power	21
Downs, Andrew, reminiscences of a Nova Scotian naturalist. By	21.
Major-General C. Hardy	xi
Earthquake in Cape Breton, N. S., note on a recent. By D. S. Mc-	AI
Intosh, M. Sc.	311
Ells, R. W., LL. D., F. R. S. C.—Notes on mineral fuels of Canada	61
Exchange of publications	X .
Flemming, H. W.—Cement testing in the engineering laboratories of	Α.
Dalhousie University. (Title only.)	lvi
Fletcher, Hugh, B. A.—Sketch of life	lviii
Resolution passed on occasion of his death	lxx
Fletcher, Dr. James—Sketch of life	lviii
Fraser, William Pollock, M. A.—Rusts of Nova Scotia [Uredineæ.]	17111
(See special index, pages 440 and 444.)	313
Fuels, notes on mineral, of Canada. By R. W. Ells	61
Fungi, some Nova Scotian aquatic. By C. L. Moore	271
Fungi of Nova Scotia. By Dr. A. H. MacKay	119
Fungi. See Myxomycetes of Pictou County, N. S. By C. L. Moore	165
Fungi. See Rusts of Nova Scotia. By W. P. Fraser, M. A. (Special	100
index, pages 440 and 444.)	313:
Gilpin, Edwin, M. A., D. Sc., LL. D., F. R. S. C., C. I. S. O.—Sketch	01.3
of life	xxxi
Girasol. See Occurrence of opal in granite near New Ross, Lunen-	XXXI
burg County, N. S. By H. Piers	446
Grand Lake, C. B., some effects of ice action near. By W. S. Brodie	253
Gravity, concerning the effect of, on the concentration of a solute.	200
	291
By H. S. Davis	491

xix

W W	PAGE
MacKay, Alexander Howard, LL. D., F. R. S. C.—Fungi of Nova	110
Scotia	119
New Nova Scotian insect; the birch-leaf saw-fly (Phlebo-	
trophia mathesoni, Alexander MacGillivray) (Title	1
only.) Mackay, Prof. Ebenezer, Ph. D.—Presidential address (1908): (1)	lxxi
progress of the institute since 1890; (2) progress of	
technical education; (3) technical education and	
research; (4) the institute in the public service	xlvii
Presidential address (1909): (1) deceased members; (2)	1
work of the institute; (3) the atomic theory	lvii
McKay, Thomas C., D. Sc.—The California earthquake. (Title only.)	lxxi
Variation of the Hill effect with the temperature and previous	
heat treatment in the use of magnetic metals. (Title	
only.)	lxxi
Mackenzie, C. J., and Crichton, G. L.—Weathering of structural	
stone in Halifax. (Title only.)	lvi
McLeod, Robert Randall—Sketch of life	lviii
Magnesium (organo-) compounds, action on quinone. By C. C.	
Wallace	301
Mineral fuels of Canada, notes on. By R. W. Ells, LL. D	61
Monodon monoceros, Linn. See Skeleton of a whale in the Provincial	
museum, Halifax. By Prof. S. H. Perkins, Ph. D	139
Moore, Clarence L., M. A.—Some Nova Scotian aquatic fungi	217
Myxomycetes of Pictou County	165
Moose River, N. S.—See Scheelite in Nova Scotia. By A. L. Mc-	
Callum	250
Moths and butterflies, catalogue of, mostly collected in the neigh-	
borhood of Halifax and Digby, Nova Scotia. By J.	200
Perrin and J. Russell	258
Myxomycetes of Pictou County. By C. L. Moore	165
New Ross, Lunenburg County, N. S., occurrence of opal in granite	
near. By H. Piers	446
Nova Scotia, fungi of. By A. H. MacKay, LL. D., F. R. S. C	119
Obituary notices of deceased members. See Gilpin, E., xxxi; Ken-	
nedy, G. T., xxxv; Parker, D. McN., xxxiv; Tinling,	
E. B., xxxvi; McLeod, R. R., lviii; Pickford, C., lviii;	
Fletcher, J., lviii; Fletcher, H., lviii.	
Occurrence of opal in granite near New Ross, Lunenburg County,	
N. S. By H. Piers	446
Officers for 1906-7, x; 1907-8, xlii; 1908-9, liii; 1909-10, lxx.	
Opal, occurrence of, in granite near New Ross, Lunenburg County,	440
N. S. By H. Piers	446
Organo-magnesium compounds, action of, on quinone. By C. C.	003
Wallace	301

	PAGE
Parker, Hon. Daniel McNeil, M. D.—Sketch of life	xxxiv
Perkins, Prof. George H., Ph. D.—Skeleton of a whale [Monodon	
monoceros, Linn., fossil] in the Provincial museum,	
Halifax, Nova Scotia; with notes on the fossil Cetacea	
of North America	139
Perrin, Joseph; and Russell, JohnCatalogue of butterflies and	
moths, mostly collected in the neighborhood of Halifax	
and Digby, N. S.	258
Pickford, Charles, death of	lviii
Piers, Harry.—Occurrence of opal in granite near New Ross, Lunen-	
burg County, Nova Scotia	446
Occurrence of trn in Nova Scotia	239
Presidential address, (1906, by F. W. W. Doane), work of the	
Institute, research work, sanitary scientific work, i.	
(1907, by F. W. W. Doane), deceased members, tech-	
nical education, xxxi. (1908, by Dr. E. Mackay), pro-	
gress of the Institute since 1890, progress of technical	
education, technical education and research, the Insti-	
tute in the public service, xlvii. (1909, by Dr. E.	
Mackay), deceased members, work of the Institute, the	
atomic theory, lvii.	
Prince, Prof. E. E.—(1) Fish-eating habits of Medusæ: (2) the	
present and future of our fisheries. (Title only.)	xliv
Provincial Museum, Halifax, skeleton of a whale in. By Prof. G.	
H. Perkins, Ph. D	139
Quinone, action of organo-magnesium compounds on. By C. C.	
Wallace	301
Radium, a few chemical changes influenced by; a new method for the	
detection of amygdalin. By H. J. M. Creighton	. 34
Radium, the influence of, on the decomposition of hydriodic acid.	
By H. J. M. Creighton]
Rain-guage, self-recording, at Halifax	XXX
Ramsay, Lake, Lunenburg County, Nova Scotia. See Occurrence of	
tin in Nova Scotia. By H. Piers	239
Russell, John. See Perrin, J.	
Rusts (Uredineae) of Nova Scotia. By W. P. Fraser, M. A. (See	
special index, pages 440 and 444.)	313
Scheelite in Nova Scotia. By A. L. McCallum	250
Seal of Institute	
Skeleton of a whale, Monodon monoceros, Linn., from Jacquet River,	
New Brunswick, in the Provincial Museum, Halifax;	
with notes on fossil Cetacea of North America. By	
Prof. G. H. Perkins, Ph. D	
Solute, effect of gravity on the concentrate of a. By H. S Davis	29

	PAGE
Sulphates, influence of aluminium salts on the estimation of. By	
H. J. M. Creighton	207
Sulphur, action of organic, in coal during the coking process. By A.	
L. McCallum	212
Stairs, D. See Cavenagh, H.	
Technical College, Halifax, Institute meets for first time in	lxx
Tin, occurrence of, in Nova Scotia. By H. Piers	239
Tinling, Capt. E. B.—Sketch of life	xxxvi
Treasurer's report, (1905-6), ix; (1907-8), liv; (1908-9), lxix.	
Tungsten. See Scheelite in Nova Scotia. By A. L. McCallum	250
Uredinea. See Rusts of Nova Scotia. By W. P. Fraser, M. A.	
(Special index, pages 440 and 444.)	313
Wallace, Curtis C Action of organo-magnesium compounds on	
quinone	301
Water power of Halifax County, Nova Scotia: part 1, Dartmouth	
Lakes power. By F. W.W. Doane	21
Water works, Halifax. By H. W. Johnston	72
Whale (Monodon monoceros, Linn, fossil), skeleton of, in the Pro-	
vincial Museum, Halifax, Nova Scotia; with notes on	
the fossil Cetacea of North America. By G. H. Perkins	139
Woodman, Prof. J. Edmund.—Economic geology of Arisaig, N. S.	•
(Title only.)	xlv
Recent iron and limestone investigations in Nova Scotia.	
(Title only.)	liii