

With this number, formula A gives us,

$$\frac{1}{5} \left\{ 4 \times 1.763 + \frac{17}{(1.763)^4} \right\}$$

$$= 1.76234084128 \dots$$

Correct to six places of decimals and perhaps more, as shown by noticing the decimal place of the first significant figure in the last difference, i.e.,

$$\begin{array}{r} 1.763 \\ 1.76234084128 \dots \\ \hline 1.00065915871 \dots \end{array}$$

In general we can rely upon twice the number of places of decimals as the decimal place of the last cipher in the last difference, which in this case is 3.

The total value of A is too great as all values found this way must be, but the number above with no more figures may even be too small; as a rule, if we stop short according to the rule stated, we get a value too small.

In reality the value is correct up to the first place, which makes it too great.

THE ROYAL SOCIETY OF TASMANIA

ABSTRACT OF PROCEEDINGS

1928.

12th MARCH, 1928.

Annual Meeting.

The Annual Meeting was held on Monday, 12th March, at the Society's Rooms, Tasmanian Museum, Hobart, Dr. A. H. Clarke presiding. The Annual Report and Statement of Accounts were read and adopted. The following were elected members of the Council for 1928:—Dr. A. H. Clarke, Dr. W. L. Crowther, Mr. W. H. Clemes, Major L. F. Giblin, Mr. J. A. Johnson, Mr. A. N. Lewis, Mr. J. Reynolds, Mr. L. Rodway, Mr. E. E. Unwin, and Mr. C. E. Lord (*ex officio*).

Mr. Walter E. Taylor was elected Honorary Auditor. In announcing the election the Chairman, on behalf of the Society expressed thanks to Mr. Taylor for the work he had done during the past year.

The following were elected members of the Society:—Messrs. Henry Allport, C. D. Cuthbert, E. R. Hudson, J. D. McElroy, R. Scott, J. W. Weston, Dr. A. Nelson, and Mrs. C. D. Cuthbert.

Papers.

The following papers were read:—

"Some Remarkable Annelid Remains from Arthur River, North-Western Tasmania." By Frederick Chapman, A.L.S., F.G.S.

"Tasmanian Marine Algæ." By Professor A. H. S. Lucas, M.A., B.Sc.

Presentation of the Royal Society Medal.

The Chairman presented to Mr. L. Rodway, C.M.G., the first Royal Society of Tasmania Medal, which was established in accordance with resolution passed at the meeting of the Society held on the 9th May, 1927. In making the presenta-

tion, the Chairman remarked that Mr. L. Rodway had been originally trained for the sea and served full time on the Thames Marine Officers' Training Ship *Worcester* passed out with a double first-class extra certificate, a position very seldom obtained, and passed under steam for the Royal Navy under Captain Saxby, and was three years midshipman in the George Marshall service.

Having left the sea and gained the Licentiate'ship of the Royal College of Surgeons of London, Mr. Rodway arrived in Tasmania in 1880, and joined the Royal Society of Tasmania four years later. He had always been a prominent member, and had been a member of the Council since 1911, at one time holding the position of Chairman and since 1921 had been Senior Vice-President of the Society, and was a Trustee of the Tasmanian Museum and Art Gallery and of the Botanical Gardens. He was appointed Honorary Government Botanist by Sir Edward Braddon in 1896, a position he had held ever since, and it was in the field of Botany that Mr. Rodway had performed such outstanding work on behalf of the State; but he had done meritorious work of a civic and scientific nature generally. For instance, he was for many years a member and sometime Vice-Chairman of the Technical School, and for thirty odd years was on the staff of the General Hospital as Honorary Dentist. He performed splendid work for many years as a member of the Domain Improvement Committee, he was Chairman of the National Park Board, and for many years Chairman of the Tasmanian Field Naturalists' Club, he was President of the Sandy Bay Rowing Club and the Tasmanian Branch of the Royal Life-Saving Society, and was prominent in the University Extension Lectures and the Workers' Educational Association. He was a member of the Scenery Preservation Board and was also Advisory Officer to the Forestry Department, and for some years lecturer in Botany to the University.

Mr. Rodway had received the Clarke Memorial Medal of the Royal Society of New South Wales for his researches in Botany, and, in addition to his many papers contributed to the Royal Society of Tasmania, he had found time to compile a comprehensive work on "The Flora of Tasmania," as well as smaller handbooks on "The Wild Flowers of Tasmania," and a complete description of the Mosses and Hepatics of the State.

Mr. Rodway's work had been recognised by His Majesty the King, who had been pleased to confer an order upon him.



L. Rodway, C.M.G.

Other members having endorsed the Chairman's remarks, Mr. Rodway returned thanks for the honour conferred upon him by the Society.

Lecture.

Messrs. Clive Lord and A. McIntosh Reid delivered an illustrated lecture on "The South Coast of Tasmania." During the course of the lecture Mr. Reid referred to the probable extension of tin-mining operations at Port Davey, and also exhibited specimens of fossil organic remains which had been discovered in the Pre-Cambrian schists of the Port Davey region—the species had yet to be determined.

16th APRIL, 1928.

The Monthly Meeting was held at the Society's Rooms, the Tasmanian Museum, Dr. A. H. Clarke presiding.

The following members were elected:—Messrs. H. Buchanan, J. C. Foley, C. Holland, R. Steele, B. Tribolet, and Miss Joi Chapman.

Lecture.

Mr. P. B. Nye delivered an illustrated lecture on "The Geology of the South-Western Tasmania."

14th MAY, 1928.

The Monthly Meeting was held at the Society's Rooms, the Tasmanian Museum, on the 14th May, Dr. A. H. Clarke presiding.

The following were elected members of the Society:—Mrs. E. Brettingham-Moore, Mr. L. Norman.

Paper.

The following paper was read:—

"The Parasitism of *Exocarpus humifusa*, R. Br."

By D. A. Herbert, M.Sc.

Lecture.

Mr. E. E. Unwin, M.Sc., delivered an illustrated lecture on "Animal Flight." An interesting discussion took place at the conclusion of the meeting.

11th JUNE, 1928.

The Monthly Meeting was held at the Society's Rooms, the Tasmanian Museum, Dr. A. H. Clarke presiding.

The following members were elected:—Miss I. Gunn, Mr. R. Morris.

Colonel W. W. Giblin, C.B., V.D., M.R.C.S., L.R.C.P., delivered an illustrated lecture on "The Great Barrier Reef."

Paper.

The following paper was read:—

"Notes on the Genus *Poria*." By J. B. Cleland, M.D., and L. Rodway, C.M.G.

9th JULY, 1928.

The Monthly Meeting was held at the Society's Rooms, the Tasmanian Museum, Mr. A. N. Lewis presiding.

Mr. J. C. Breaden delivered an illustrated lecture on "Tasmanian Wild Flowers." Arising out of the discussion which took place at the conclusion of the meeting, it was resolved to communicate with the City Council, and draw attention to the need for more supervision being given to the Domain, as many of the trees were being destroyed. It was also resolved to point out the advisability of planting native trees on the Domain.

9th JULY, 1928.

A Special General Meeting of the Society was held at the Society's Rooms, Tasmanian Museum.

Upon the recommendation of the Council, moved by Mr. A. N. Lewis, Rule 6 was amended as follows:—

6. (a) At the next General Meeting after any such nomination as provided for in Rule 5 has been received by the Secretary, the name of the proposed candidate and of his proposers shall be read to the Meeting, and it shall be intimated that the election shall take place at the next General Meeting.

(b) At any time within 14 days of such intimation any five members may, by requisition in writing addressed to the Council and left with the Secretary,

require that the election shall be by ballot, and at any time prior to the election the Council may direct that the election shall be by ballot.

- (c) If any such requisition is received or direction given, the Secretary shall forthwith notify the proposers of the candidate in writing, and the notices convening the General Meeting at which the election is to be held shall notify the name of the candidate and the fact that a ballot is to be taken on the question of his election. The following procedure shall be adopted at the election:—
- (1) Each member present and entitled to vote will be handed a ballot paper on which the name of the candidate has been written or printed, together with an appropriate place for indication of the vote.
 - (2) The ballot shall be conducted secretly, and the Chairman shall appoint two members to be Scrutineers. The Scrutineers shall count the votes and report the result.
 - (3) The Chairman shall declare the result, and if three-fourths of the members present and voting shall vote in favour of his election, the Chairman shall declare the candidate to be elected.
- (d) In the event of no such requisition being received or direction being given the election of the candidate shall take place at the meeting for which the intimation referred to in Sub-clause (a) hereof was given. At that meeting the Chairman shall put the question of the election to the Candidate, and members present and entitled to vote shall vote thereon by the voices. In the event of the Chairman not being able to decide on the vote by the voices, or on the request of any member, the vote shall be confirmed by a show of hands. The Chairman shall forthwith declare the result of the election, and if a majority of members present, and voting, vote in favour of the Candidate's election, the Chairman shall declare him to be elected.
- (e) No person may be proposed as a candidate for election who has been defeated in an election during the twelve months previous to his proposal.

13th AUGUST, 1928.

The Monthly Meeting was held at the Society's Rooms,
Dr. A. H. Clarke presiding.

Paper.

The following paper was read:—

"R. M. Johnston's Memoranda relating to the Fishes
of Tasmania." By G. P. Whitley.

Lecture.

Mr. R. W. Legge delivered an illustrated lecture on "The
Native Tribes of the Lake Eyre District."

10th SEPTEMBER, 1928.

The Monthly Meeting was held at the Society's Rooms,
Dr. A. H. Clarke presiding.

Mr. F. B. Richardson, M.A., was elected a member.

Botanical Section.

Mr. A. V. Giblin spoke concerning the need for the
establishment of a Botanical Section, and moved that a
Botanical Section be formed. This was seconded by Mr. L.
Rodway, and carried.

Lecture.

Mr. E. Ashby, of Adelaide, delivered an illustrated
lecture on Chitons.

8th OCTOBER, 1928.

The Monthly Meeting was held at the Society's Rooms,
Dr. A. H. Clarke presiding.

The following members were elected:—Rev. W. Walters,
Mr. D. Avery.

Paper.

The following paper was read:—

"Tasmanian Graptolite Record." By R. A. Keble.

Lecture.

Dr. W. L. Crowther delivered an illustrated lecture on
"Early Tasmanian Whaling," and an interesting discussion
took place at the conclusion of the lecture. The exhibits in-

cluded a very extensive collection of whaling weapons,
models of vessels, etc., and the Chairman directed special
attention to the collection of whaling material presented to
the Tasmanian Museum collection by Messrs. R. R. Rex and
Son and Messrs. J. Forsyth and Son.

12th NOVEMBER, 1928.

The Monthly Meeting was held at the Society's Rooms,
Dr. A. H. Clarke presiding.

Papers.

The following papers were read:—

1. "Note on *Gautieria* in Tasmania." By L. Rodway, C.M.G.
2. "Notes on the Genus *Poria* (No. II.)." By L. Rodway and J. B. Cleland, M.D.
3. "The Inheritance of Sex in an abnormal Wall-flower." By A. Nelson, Ph.D.
4. "On Some Diminutive Types of Tasmanian Stone Implements." By R. W. Legge.
5. "Notes on the Stone Culture of Central Australia." By G. Aiston.
6. "Notes on Tasmanian Crania." By W. L. Crowther, M.B.
7. "State of the Federation Movement in Tasmania, 1825-1900." By J. Reynolds.
8. "Notes on the Sea Elephant." By H. H. Scott and C. E. Lord.
9. "A Method of Extracting Roots of Numbers." By A. E. Blackman.
10. "Studies in Tasmanian Spiders, Part III." By V. V. Hickman, B.A., B.Sc.
11. "The Botany of Cradle Mountain." By C. S. Sutton, M.B.

At the conclusion of the meeting the Chairman drew attention to the fact that no less than eleven papers had been read that evening, and he could recollect no other occasion when so many papers had been read in one evening before the Society.

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