much what him we we make now Minutes, 1876-1883.

## RULES.

1st. The Society shall be called the DUMFRIESSHIRE AND GALLOWAY SCIENTIFIC, ANTIQUARIAN, AND NATURAL HISTORY SOCIETY.

2d. The aims of the Society shall be to secure a more frequent interchange of thought and opinion among those who devote themselves to Scientific, Archæological, and Natural History studies; to elicit and diffuse a taste for such studies where it is yet unformed, and to afford increased facilities for its extension where it already exists.

3d. The Society shall consist of Ordinary, Honorary, and Corresponding Members. The Ordinary Members shall be persons resident in Dumfriesshire and Galloway, present and admitted at Public Meeting called for the purpose on 3d November, 1876, and those who shall afterwards be proposed by two Members (to one of whom the candidate shall be personally known) and admitted at an Ordinary Meeting of the Society by a vote of the majority present. The Honorary and Corresponding Members shall consist of persons distinguished for attainments connected with the objects of the Society, who cannot attend as Ordinary Members, and who shall be proposed and admitted at an Ordinary Meeting in the same way as Ordinary Members.

4th. The Ordinary Members shall contribute annually the sum of two shillings, in advance, to the funds of the Society, or such other sum as shall be fixed at each Annual Meeting.

Minute Book
of the Dumfriesshire. and Falloway Scientific and Antiquarian Joinety,

Formed 3 November 1846

5th. The Office-bearers of the Society, who shall be Ordinary Members, shall consist of a President, Vice-President, Secretary, and Treasurer, and a Committee consisting of eight Members, three to form a quorum, holding office for one year only, but being eligible for re-election at the Annual Meeting of the Society.

6th. The Ordinary Meetings of the Society shall be held on the first Friday of each month, and shall continue during winter, beginning in October and ending with April, and at which the ordinary business of the Society will be transacted, papers read and discussed, and objects of interest examined.

7th. Field Meetings shall be held during the summer, beginning with May and ending with September, to visit and examine places and objects of interest, to give field demonstrations, to collect specimens, and otherwise carry out the aims of the Society, arrangements for which shall be made at the last meeting of each Winter Session.

8th. The Annual Meeting of the Society shall be held on the first Friday of October, being the first meeting of the Winter Session, at which office-bearers and members of committee shall be elected for the ensuing year, reports, general and financial, for the past year will be received, and proposals for the extension and improvement of the Society will be heard and discussed.

9th. Each Member may introduce a friend to any Ordinary or Field Meeting of the Society—such friend not to be admitted more than twice during the same year.

10th. The Secretary shall keep a minute book of the proceedings of the Society, and a register of the members, ordinary, honorary, and corresponding, and shall give in a report of the Society's proceedings at the Annual Meeting.

11th. The Treasurer shall collect and take charge of the annual subscriptions and funds of the Society, and make payments there-

from, under the direction of the Committee, to whom he shall annually submit an account of his intromissions, to be audited and prepared for submission to the Society at its Annual Meeting.

12th. Alterations and Repeals of the foregoing Rules, and new or additional ones, shall only be made by three-fourths of the Ordinary Members present at any meeting of the Society, of which notice shall have been given at the previous monthly meeting.

13th. The Secretary shall at any time call a meeting of the Society, on receiving the instructions of the Committee, or the requisition in writing of any six Ordinary Members.

No 1 Union St. Dumfries Nov. 300 1876 A meeting of those niterested ne bature Frist Meeting History and Scientific Vursuets, was held 3 Nov. 1876. here this evening, for the purpose of organising a Society to promote and encourage these objects. There was avery large attendance, represents of forty Gentlemen being present. On the motion of Dr Guerson Thornhill, Wr Gilchrist At Telchrist was called to the Chair. a large presides. number of articles, of antiguarian and Scientific interest, were then examined, and some sustructive remarks made on them by the Chairman, Dr Guerson, and others. These Urticles exhibited articles were as follows: - From Dr Telchrist a valuable collection of Shells, Specimens of Minerals, a Mummy foot, some rare old Book's and various other interesting things. W" Tibson exhibited from the Tardens of the Crichton Royal Institution, some interesting Botanical Specimens, among others, a plant of Indian Com Zea lays) with ear of corn repend in the open air, a Tobacco Plant (Vicotiana

Arhide while Vergenica) in bloom, the Castor Oil Plant
(Ricinus communis) and seeds of it, and the
plant which produces the Earth Nato Jeonman
- Dr Grierson brought a specimen of Manie
betradactylies, procured from the Mouth of the
Gaboon River in Africa - an animal allied to
the Armadelloes, of very rare occurence, and
of which only one or two have been brought to
this country - Dr Grierson also schilited a
fine series of the Colored Bh. I Ball to

the armadilloes, of very rare occurence, and of which only one or two have been brought to fine series of the Colorado Potato Beetle (Dory = = phora decem-lineata) and a Drawing of two Owlo which had been executed by a ladu Thornhell, who, while working at his trade of Shoemaker, and without any special metruction, had taught himself to draw very beautifully. Il! Hastings showed a late and Female of the Lyre Bird in magnificent plumage, and a small Penguin from australia . Mi Frank Grierson showed samples of Paper showing the process of manufacture and also a collection of various sorts of Yeas. Wi Lennon showed a large and beautiful case of Coleophera collected in China and the Western Coast of Ufrica and also a specimen of a kare

shell (Helioc arbustorum) foundon the banks of the With a little below Kingholm - anew habitat for this rare local species. Mildanus exhibited a Mecroscope and cabinet of Objects (microscopie) - W.R. Service, acase of Epidople including a specimen of Vanessa antropa recently captured at Mabie -The pliesting then proceeded to appoint Office Election of Bearers, and a Committee of Management, the following Gentlemen being unaminously Office Beavers and Committee elected. President Dr Gelchrist; Vice President, J. Rutherford Eeg, of fardington; Secretary, R. Service; Treasurer, W. Moodie; Commitee, Dr Grierson, Messers. Gibson, Meid Me Fadzean F. Grierson, Douglas Baird Wart Scott, and J. Glover anderson. The Committee was instructed to meet on Instructions Freday for 10th, to draw up a Constitution and to Committee Rules, choose a name for the vociety & and report to next General Meeting. Forty members were then enrolled, and after a vote of thank to the Chairman, the meeting separated. Thum

Nos Union St. Dumfries 10th Nov. 1876 A Committee Meeting washeld here this Committee (
Meeting { evening for the purpose of choosing a name forthe Jociety and of forming Rules for the regulation. De Gilchrist presided and all the members of Committee were present esceept Dr Greenson. It was unanimously resolved that the society be called "The Dumpresshire and Galloway Scientific and Antiquarian Society". a number of Rules were then discussed their principle Discussion of Rules. agreed to, and the following Inch Committee was appointed to meet on Tuesday 14th nist . to appointment of further consider and revise them - President, Secretary, Messer Tubsow, Me Fallygan and Hack Sub Committee Muline Town Hall Dumpries 14 Nov. 1846 The first Meeting of the Society was held Weeting to receive here this evening at 8 o'e. Dr Gilshrist Report of Committee, occupied the Chair and Awenty Edembers

were present. The following articles Execumens ( were laid on the Table by the Gentlemen Exclibetea ] named, and escamined with much interest. From the Chairman several execimens of "Lands cape" Marble, so called from having on its surface, appearances bearing astricking resemblance to Landscapes with choes, Runs and Rocks; a set of Pebble-like Hents from the Isle of Wight; some specimens of Lava Thrown out by the last Eruption from the same Volcano. Mi J. W. Grierson brought a Skeleton Human Foot, so prepared as to show the legaments, sendons and arkrees. M. John Lennose showed an old M.S. entitled "an act of freedom of the Burgh of Drumfries in favour of Walter Neclson," dated 1410. The Georetary showed a book of Lepidophera from the South of Englaced, including among otherware species Lycaeana arion, tola albulalis, Erdaria Sagitula Vonagrea Hellmanne, and Agrophila Sulphuralis-The Minutes of former leesings having been read and approved of, the Chairman

majority present, The Honorary and Corresponding Gembers shall consist of persons distinguished for attainments connected with the objects of the Joecety who cannot attend as Ordinary members and who shall be proposed and admitted at an ordinary beeting in the same way as ordinary Cembers. 4th The Ordinary Members shall contribute annually the sum of two Shillings in advance to the funds of the Society or such other sum as shall be fixed at each annual bleeting. 5th The Office Beavers of the Jociety who shall be Ordinary Gembers shall consist of a President Vice- President, Secretary and Freasurer and alammettee consisting of eight members three to form a quorum, holding office for one year only but being eligible for re= election at the annual Meeting of the Jociety. 6". The ordinary meetings of the tociety shall beheld on the first Freday of each month and shall continue during winter, beginningni October and ending with april and at which the ordinary business of the Society will be transaction

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Book of the proceedings of the Jociety and a Registrar of the Members, Ordinary, Honorary and Corresponding and shall give in a Report of the Society proceedings at the annual Geeting. 11. The Freasurer shall collect and take charge of the annual subscriptions and funds of the Jociety and make payments therefrom under the direction of the Committee to whom he shall annually submit an account of his intromissions to be audited and prepared for submission to the Society at its annual 12th alterations or repeals of the foregoing Rules and new or additional ones thall only be made by three fourths of the Ordinary Members present at any leeting of the Josephy of which notice shall have been given at the previous nonthly leeting -The Georetary shall at any time call ameeting of the Society on receiving the metructions of the Committee on the requisition in in writing of any six Ordinary Gembers. The foregoing Rules were unaninously

agreed to and avote of thanks passed to the Committee for preparing them - if was Papers redd to agreed that all papers read before the dociety should become its property and some discussion become the Society Property then took place as to the form muchich notices should be drawn up for calling the meetings but this was ultimately left to the Secretary -General satisfaction was expressed with the Goom in which the seeting washeld and the Geere bary was mistructed to write to m. Martin Town Clark and ask permission to hold future meetings in the same place - The meeting then adjourned -Filmbrico Town Hall 1st Dec. 18/6

What may be considered as the First First Regulat Regular Meeting of the Courty was held here Meeting at 8 oc. P.M. . Thirty four Members

were present, and Dr Gilchrist presided. W. Dudgeon of bargen; Will Hurach

Editor of Couvier; Mr Fairley, Maxwellsown, Mr Robertson, Herald Office, Mr. Jackson hilledas ; Dr Thompson, Cashe St; and Major Bouden

Lochfield; were elected Ordinary Members. Mr. Dunsmore, Cartlehead, Paisley, was elected a Corresponding Member. Wighson exhibited afine specimen of the Rusty Hoof Jungus, Polyporus ignarius, a species which grows on decaying Bellow Fees, and in the locality has been found only at Dalscone, and Nethersown of Trogreet. Seed of the drong but Palm, Phytelephias macrocarpa a native of the low valleys of the Peruvian Undes. The muto are imported in large quantities to be wed for manufacturing small articles of as a superirule for mony. W. Gibson also showed some Samian Ware, recently dug up at Carlisle, from a depth of twelve feet. Mitemnon showed aremarkable collection of British Water Beetles, containing 120 of the total number of 135 species recorded as occurring in Bretain. Some of there are very rake notably -Haliplin streatus, Androporus obsoletus and H. mognitus, only discovered six Bullion within the last few years, and etyphydrus ovatus found in duchencrieff Loch, and not & Known to whalit amyother part of Scotland.

The Chairman delivered a most interesting Lecture by the President Lecture on My first Lessonin Geology and its Reach, in which after detailing the circumstances which had led him to take up the study of Edgy he proceeded to give ageneral Heoretical View of the different Strata forming the Earth's Crust. Other Geological The nomena, such as the Upheares and Subsedence of the Land, Volcanie action, Disintegration of Rocks from Ham and other causes, and Formation of Delhas, were then explained and illustrated by reference to a number of Maps and Diagrams. Il large collection of Execumens of Rocks and Fossils, most of them procured in this district was also shown in illustration of the subject. Special attention was directed to several stones bearing the peculiar streated marks of the dee age, and also to others which had been rounded, and worn, by the action of water, the points of difference being particularly pointed Wi havedsonread a paper on your of the Cahanord Paper by W. Davidson) Metals", Palladuin, and Phodeum, giving an account of their properties and uses

Several specimens of these metals were exchibited, prepared by Mr. Davidson, and stated to be perfectly pure - The Meeting then adjourned Mohnue Hown Hall Jan. 5-1, 844 The second meeting of this Session 200 neeting of was held here this evening, when therty-Lession 18/6:77 frie Members were present\_ OrGilchrish presiding. Mr. Glebrist Clarke of Speddoch. Dr Browne Cerindan, M. Limpson, C. R. J. M. Greig hew members Electea ! Verreglestown; Mr. Beattie, Buccleuch St; Mr. Ludwig, Scottish Borderers; and M. Halleday Stakeford; were proposed and duly elected Ordinary Members - Dr Battershell Till Regents Park, London was elected a Corresponding Member. There was exclubited on behalf of or Browne, a magnificent series of Micro. Photographs Exhibited. of the Brane, and much regret was expressed that, owing to the unfavourable weather, or Brown

Electrice Light -Mi Dickson, secondedly br. Thomson, proposed that a cordial rote of thanks be accorded to Mr. Rutherford, and a wish was esopressed that at some future meeting he would again take up the subject-The meeting then adjourned -Mither ford bier Chuman Jour Hall 2" Feb 817 3 meeting The third meeting of the Jession of Session 18/6/17 was held here at 8 60 PM - hr. Rutherford Vice President, occupied the Chair and there were about 20 members present: The Chairman exhibited a specimen of the Great Northern Diver (Colymbus glacialis) which he had that day shot in the Carrie There was also shown I frie Calmon Smoth and an El which it had disgorged when captured, Mr. Dickson exhibited a remarkable mistance of the fracture of Plate Class, in a

piece about 18 miches long and buches Fractures broad, the fracture being longitudinal and Make Glass m about 13 or 14 parallel straight lines , m' one only of which the fracture extended through the thickness of the glass -Mr. Thomson, Thoruhell read a paper on the "Permian Rocks of Upper Vithedale" giving, with the aid of carefully prepared Termian Rock deagrand, an account of their position of and exclent in that district, and discussing Upper Nithedale the most probable wayne which their formation took place. after a short discussion which followed, Mr. Thomson was assended a hearty votery thanks for his nithructure remarks -Mr Simpson then read an account of The Recent Discoveries at Myceniae. In The a long and learned address he discussed Recent Discoveries Greek History in its domestic, leterary, at artistic and religious phases, and stated Mycenae that if it really turned out that the tomb of Agamemnon had been descovered, one deduction and that an important one would follow, big that Homer was not a

myth, but a real living man standing at the gate of Europe and civilization and byhis a presence stemming back the approach of Eastern domination and harbarity -M. Simpson was also dwarded a hearty vote of thanks and the meeting then adjourned - Sollwill Journ shall 2 millarch 1844 The fourth Meeting of this Seesion washeld here at 8 00 P.M. 4th Meeting dession 1876 77 Dr Gilchrist occupied the Chair aid there was a good attendance of Members Mr. Welch Waterloo Place; Mr. Gooden, Corberry Place; Im J. Gibson Starke, Twyner Holm; Mr. Johnstone Castlemilk; Mr. Smith and M. Landells of the Courier Office were proposed and duly elected Ordinary Members. The Chaveman exchibited a number articles eschibited of numerals collected by himself in Instrerland, a set of Ornaments made

of Derbyshire Spar, a curious piece of Chinese Carved work and Orcede of Getanium - Wi fermou should a specimen of the Death's Head Hank Moth (Cherontea atropos) found last September at albany Bank. M. Jackson eschibited the Communary Sede of Danifices of the time of Charles i The Secretary showed a loc of Lepidoptera forced in artificial heat, most opwhich had emerged four or fue months earlier than their normal time of appearance. The Secretary intimated that Books from lower he had sectived the following Public: - ations from the Royal Society of Christiania: - Catalogue of the depidophera of Norway; Catalogue of the Coleophera of forway; Catalogue "The Hant World of the Official Canto of to there y Norway" Europeo, Researches on a new Genus of Manfishes, and a Map of Norway -Mr. Chaw gave a most-interesting

address on the derbilization of Houers Tentilogation of ly Insector illustrating his bumachs Howers by W. Slaw by a largementer of Diagrams 5 of the various mays in which flowers are fertilized me dennon read a notice of the capture Melibaradidyma by himself of Melibara didyma, a by Butterfly Litherto mure corded as British. by Lennon and a specimen of which he had secured a a few years ago at Walscairth. The Chairmanimade some remarks on an unrecognised Cause of Hoods" which he edaded was the gradual selling up cause of floods) of river beds with stones, sand, and mud, brought down from the higher Ar Gilebrist grounds, until the bed of arriver mas nearly of the same level as the surrounding lando. The Meeting then adjowened -Militarill