

INDEX OF VOL. II.  
PROCEEDINGS.

Council Meeting, February 19, 1878	...	...	...	...	...	i
General Meeting	"	...	...	...	...	i
Balance Sheet, 1877.						
Council Meeting, July 4th	...	...	...	...	...	iii
General Meeting	"	...	...	...	...	ii
Council Meeting, August 14th	...	...	...	...	...	v
Third Annual General Meeting	...	...	...	...	...	v
Officers for 1878-9	...	...	...	...	...	v
Council Meeting, January 7, 1879	...	...	...	...	...	ix
General Meeting,	"	...	...	...	...	ix
Balance Sheet, 1878.						

PAPERS, &c.

					PAGE.
Actynolite	...	...	...	...	183
" Schist	...	...	...	...	163
Albite	...	...	...	...	39, 176, 182
Aluminite of Kralup, Bohemia	...	...	...	...	263
Aluminiun Plate in Blowpipe Work	...	...	...	...	49
Amianthus	...	...	...	...	28, 31, 34, 127, 165
Analyses of Albite	...	...	...	...	39, 183, 184
" Andesite	...	...	...	...	39
" Anorthite	...	...	...	...	40
" Cast Iron	...	...	...	...	226
" Chrysocolla	...	...	...	...	198
" Green " Garnets "	...	...	...	...	192
" Iron Crystals	...	...	...	...	223
" Kupferpecherz	...	...	...	...	201
" Labradorite	...	...	...	...	38
" Latrobite	...	...	...	...	40
" Mountain Leather	...	...	...	...	217
" Oligoclase	...	...	...	...	38
" Orthoclase	...	...	...	...	37
" Pilolite	...	...	...	...	217
" Rock Cork	...	...	...	...	217
" Rock Silk	...	...	...	...	216
" Talc Slate	...	...	...	...	174
Andalusite, Origin of	...	...	...	...	179
Andesite	...	...	...	...	39
Ankerite	...	...	...	...	20, 21
Anorthite	...	...	...	...	39
Antigorite	...	...	...	...	32
Aphanite	...	...	...	...	171
Aragonite	...	...	...	...	20, 183
Artificial Copper Ores	...	...	...	...	58
" Diopside	...	...	...	...	267
" Pyrolusite	...	...	...	...	90
" Rubies and Sapphires	...	...	...	...	48

	PAGE
Bárcenite	151
BONNEY on Gabbro	5
Bismuth, Detection of	50
Blowpipe Apparatus	62
Asbestus...	28, 34, 127, 165
Atacamite, Pseudomorphs of	202
Augite, Refractive Index of	4
Banded Structure of Minerals	228
Baryto-celestine	220
BEARDSLEY on Iron Crystals	223
Biotite	166
Bismuthosphaerite	98
Breccia at Roeness Hill	172
Breunnerite of Unst	21, 22
Brucite of Haaf-Grunay	107
Unst	22, 27
BRUSH and DANA on Dickinsonite	100
"        " Eosphorite	100
"        " Lithiophorite	100
"        " Triploidite	100
Calcite of New Jersey	54
Cast Iron, Analyses of	226
Celestine of Clifton	220
Chalkophanite	98
Chiastolite, Origin of	179
Chlorite ...	122, 130, 169
Chromite	22, 107, 122
Chrome Ochre	23
Chromiferous Magnetite	122
Chrysocolla	197
Chrysocolla after Atacamite	202
Chrysotile	177, 130
CHURCH on "Green Garnets"	191
Classification of Minerals	65
Clifton, Baryto-celestine of	220
Colafirth Voe, Actynolite of	182
"    Albite of	176, 182, 183
"    Aragonite of	183
"    " Beautiful Rock " of	176
"    Chrysotile of	177
"    Geognosy of	170, 176
"    Haughtonite of	183
"    Hornblende of	182
"    Kyanite of	183
"    Labradorite of	185
"    Margarodite of	176, 185
"    Mountain Felt of	183
"    Potstone of	177
"    Pyrite of	176
"    Saussurite of	184
"    Smaragdite	170
"    Schistose Diorite of	176
"    Tourmaline of	182

	PAGE
COLLIE on Baryto-celestine ...	220
" Celestine	220
COLLINS on Iron Crystals, &c. ...	223, 261
" on Cornish Mineral Localities	92
" on Cornish Pseudomorphs ...	94
" on Mineral Classification ...	65
" on Penwithite ...	91
Copper Ores, Origin of ...	58
Cornish Mineral Localities ...	92
Correspondence—Sonstadt's Solution	63
" Percylite ...	251
" Steeleite ...	134, 251
Cotterite, Harkness on ...	82
Crystals of Iron ...	223
Crystallization of Diamond ...	57
" of Hematite ...	53
" of Ilmenite ...	53
Crystallogenesis ...	95, 241
Culsgaite ...	101
CUNNACK on Banded Structure of Minerals	228
DANA on Lithology ...	234
DANA and BAUSH on Eosphorite ...	100
" " Dickinsonite ...	100
" " Triploidite ...	100
" " Lithiophilite ...	100
Daubréelite ...	152
Diclasite of Unst ...	28
Diallage of Unst ...	28, 31, 115
Diallage of Fetlar ...	122
Diamond, Crystal form of ...	57
Dickinsonite ...	100
Diopside, Artificial ...	267
Dioprase from Peru ...	201
Dolomite of Unst ...	21
Dolerty from Glasgow ...	4
Dolomite of Haaf Gruuay	108
Emerald Nickel of Unst	23
" Artificial form of ...	48
Enstatite Rock, from S. Africa	268
Eosphorite ...	100
Epidote of Yell ...	132
" Unst ...	34
Felspars of Scotland ...	36
" Analyses of ...	37
" Cleavage of ...	47
" Foerster on ...	52
" of Unst ...	29
" Specific Gravities of ...	44
" Striation of ...	44
" Szabo on ...	245
" Twinning of ...	44
Fethaland, Geology of ...	162
" Actynolite of ...	163
" Amianthus of ...	165
" Asbestus of ...	165

	PAGE
Fethaland, Biotite of	166
Chlorite of	169
Ilmenite of	165
Magnetite of	163, 165, 169
Margarodite of	166
Picrolite of	168
Potstone of	162, 169
Pyrite of ...	165
Soapstone of	162
Steatite of	162
Talc Slate of	165
Fetlar, Anorthite of	127
Asbestus of	127
Bog Iron Ore of	120
Chlorite of	130, 122
Chromite of	122
Chrysotile of	130
Chromiferous Magnetite of	122
Diallage of	122
Garnets of	118
Geognosy of	109
Gneiss of	110, 118
Graphite Schist of	123
Gabbro of	110
Hornblende of	128, 122
Kaolin of	118
Labradorite of	122
Magnetite of ...	122, 129, 130
Magnetic Sand of	120
Margarodite Slate of	125
Picrolite of ...	127
Potstone of	127
Precious Serpentine of	129
Pyrites of	123, 130
Rock Crystal of	127, 130
Serpentine of	110
Sahlite of	123
Sphene of	122
Steatite of ...	122
Talc of	127
FOERSTNER on Felspars	52
Force of Surge...	188
Gabbro from Pennine Alps	5
Garnets, Analyses of ...	85, 86, 87, 232
from the Tyro	195
from the Urals	191
Magnesian	83
of Scotland	230
of Yell	132
of Unst	17
Geognosy of Colafirth	170
of Fethaland ..	162
of Hamna Voe ..	186

	PAGE
Geognosy of Mainland .....	155
" of Fetlar .....	111
" of Haaf-Grunay .....	106
Ginilsite .....	99
Gismondite .....	54
Glasgow, Dolerite from .....	4
Glauberite, Crystals of .....	51
Gneiss of Unst .....	15
GOLDSMITH on Lavendulite .....	101
Granite of Roeness .....	171
Graphic Granite .....	150, 248
Graphite Schist of Fetlar .....	123
Grastite of Unst .....	23
GRATTAROLA on Hydrocastorite .....	97
Green " Garnets" from the Urals .....	191
Groth's Apparatus .....	57
Guanajuatite .....	63
Haaf-Grunay, Brucite of .....	107
" Chromite of .....	107
" Dolomite of .....	108
" Geognosy of .....	106
" Igelstromite of .....	108
" Magnetite of .....	108
" Marmolite of .....	108
" Picrolite of .....	108
" Pyroaurite of .....	107
" Serpentine of .....	106
HALL on the Val d'Anniviers .....	256
Halkysite, from Tüffer, Styria .....	264
Hamna Voe, Geognosy of .....	186
" Porphyritic Claystone of .....	186
HANNAY on Magnetism of Serpentine .....	194
" on Pyrolusite .....	90
" on Youngite .....	88
HARDMAN on Hullite .....	247
" on Zinc in Rocks .....	238
HARKNESS on Cotterite .....	82
Harmotome .....	142
Haughtonite of Colafirth .....	183
HEDDLE, on Analysis of Silicates .....	36
" Colafirth .....	170
" Felspars of Scotland .....	36
" Fethaland .....	162
" Fetlar .....	109
" Garnets of Scotland .....	230
" Haaf-Grunay .....	106
" Hamna-Voe .....	186
" Mainland .....	155
" Manganese Garnets .....	85
" Map of Shetland .....	253
" Mountain Cork .....	206, 217
" Mountain-Leather .....	207, 217
" Pilolite .....	206
" Rock Silk .....	215
" Rock Wood .....	207

	PAGE.
HEDDLE on Sonstadt's Solution	63
" Uya	106
" Yell	131
Hematite, Crystallization of	53
Hepatinerz	202, 204
Hexagonite	97
HIBBERT, on Force of Surge	188
" Geognosy of Fetlar	111
Hibbertite of Unst	25
Homilite	63
Hornblende of Colafirth	182
" of Fetlar	128, 126
Hornblende "	30
How on Steeleite	134
HULL on Hullite	247
Hullite	152, 247
HUTCHINGS on Aluminium Plate in Blowpipe Work	49
" on Detection of Bismuth	50
Hydrocastorite	97
Hydromagnesite of Unst	27
Hypersthenic Andesite, from Lower Styria	266
Igelstromite of Haaf-Grunay	108
Ihleite	98
Ilmenite of Unst	18
" Crystallization of	53
Iodobromite	237
Iron, Analyses of	223, 226
" Crystals of	223, 261
Jefferisite	101
Kammererite of Unst	24
Kaolin, Analyses of	118
" of Fetlar	118
Keith Medal	249
KOKSCHAROW on Micas	57
" on Walnewite	55
KÖNIG on Culsageite	101
" on Jefferisite	101
" on Protovermiculite	101
Krennerite	55
Kupferpecherz	201, 204
Kyanite of Colafirth	183
" Origin of	179
" of Unst	17
Labradorite of Fetlar	122
" Analyses of	38
" of Colafirth	185
" Refractive Index of	4
LASPEYRES on Glauberite	51
" on Ginilsite	99
Laterite, from Africa	263
Latrobite, Analyses of	40
Lavendulite	101
Leadhillite	99
Leidyite	149
Letcher's Blowpipe Apparatus	62

	PAGE
Liskeardite ...	150
Lithiophilite ...	100
Lithology, Dana on	234
Lodes, Origin of	62
Magnetic Sand of Fetlar	120
Magnetism of Serpentine	194
Magnetite of Fetlar	122, 127, 129, 130
" of Haaf-Grunay	108
" of Unst	17, 22, 27
Mainland, Geognosy of	155
" Granite of	156, 160
" Gneiss of	156
" Limestone of	156
" Old Red of	156
MALLET on Guanajuatite	63
Margarodite of Colafirth	176, 185
" of Fetlar	125
Marmolite of Haaf-Grunay	108
MARSHALL HALL on the Val 'Anniviers	256
Mc CULLOCH on Diallage	115
" on Serpentine	117
Meteor Fall at Dhulia	244
Miargyrite ...	56, 61
Mica Schist "	13
Mica of Yell	133
Micas, Crystals of	57
Millerite of Gerrans Bay	92
Minerals, Argentite Group	74
" Argentoid Section	75
" Actinolite Group	80
" Blende Group	81
" Bismuthenite Group	80
" Banded Structure of	228
" Cinnabar Group	73
" Classes of	69, 70
" Classification of	65
" Chalcocite Group	76
" Chalcopyrite Group	76
" Chloanthite Group	78
" Definition of	66
" Distribution of	93
" Form of	69
" Galena Group	79
" Magnetic Section	78
" Molybdenite Group	81
" of Granite	93
" of Killas	93
" Optical Characters of	113
" Pyrites Group	77
" Pyrargyrite Group	75
" Pyritoids	72
" Realgar Groups	81
" Species of	67
" Smalrite Group	77

	PAGE
Minerals, Sylvanite Group	73
" Stephanite Group	74
" Tetrahedrite Group	76
" Varieties of	68
" Zinckenite Group	80
Minerals, Determination of by Optical Properties	1
" Veins, Origin of	62
Mines of Parys Mountain	61
Montmorillonite	92
Mottramite	97
Mountain Felt	183
" Cork	206, 217
" Leather	207, 217
Mount Colon, Gabbro of	6
Mückite, from Moravia	265
Muscovite of Unst	34
Native Iron of Unst	19
Nephrite of Unst	32
Neudorfite, from Moravia	265
NIES on Strengeite	99
Obituary—Kinnaird, Lord	64
" Collins, Rev. C. M. Ed.	64
" Harkness, Robert	153
" Williams, Sir F. M.	252
" Nicol, Jas.	269
Oligoclase, Analyses of	38
Optical Characters of Minerals	103
Orthoclase, Analyses of	37
Ores of Copper, Burghardt on	58
PARKE on Vermiculite	59
Pennine Alps, Gabbro from...	5
Pennine of Unst	22
Penwithite	91
Percyite	251
Petroleum of Marmorosch	240
Picrolite	108, 127
Pilolite, Analyses of	217
" Formula of	218
" Heddle on	206
Porphyritic Syenite of Unst	16, 20
Polydymite	98
Porphyritic Claystone of Hamna Voe	186
Potstone	177, 127
Precious Serpentine of Fetlar	129
Protovermiculite	101
Pseudobrookite	248
Pyrites of Fetlar	123, 130
" of Unst	34
" of Colafirth	176
Pseudomorphs	94
Pyrites Group	77
Pyritoids	72
Pyroaurite	107
Pyrolusite, Artificial	90
Pyrophosphorite	58
Quartz Crystals	262
RAMMELSBERG on Ginilsite	99

	PAGE
Refractive Indices of Solids	57
Reviews and Notices,—	
Bismuth, Detection of	50
Blowpipe Apparatus	62
Bonney on Gabbro	5
Bismuthosphaerite	98
Bouronite from Nagyag	54
Bucking on Hematite, &c.	53
Bunsenite	55
Burghardt on Ores of Copper	58
Chalkophanite	98
Collins's Principles of Mineralogy	60
Hensbarrow	150
Culsageeite	101
Crystallogenesis	241
Dana on Lithology	234
Dickinsonite	100
Eosphorite	100
Fremy and Feil on Artificial Rubies	48
Ginilsite	99
Heddle on Scottish Felspars	35
" on Scottish Garnets	17, 85, 132, 230
Heddle on Garnets	230
Hexagonite	97
Hullite	247
Hutchings on Al. Plate in Blowpipe Work	49
" on the Detection of Bismuth	50
Hydrocastorite	97
Ihléite	98
Iodobromite	237
Jefferisite	101
Laspeyres on Glauberite	51
Lavendulite	101
Leadhillite	99
Lithiophilite	100
Meteoric Fall at Dhulia	244
Mottramite	97
Petroleum of Marmarosch	240
Polydymite	98
Pseudobrookite	248
Protoverniculite	101
Sandberger on Origin of Lodes	62
Saynite	98
Schrauf on Tellurium Ores	247
Gismondite	54
Strengite	99
Stutzite	248
Szabo on Felspars	245
Szaboite	248
Thaumasite	248
Tin in Silicates	101
Triploidite	100
Uranotile	150

<b>Reviews and Notices.—</b>	<b>PAGE</b>
Wiik on Finland Rocks .....	246
Zeitschrift für Kryst. und Min. ....	51, 55, 146
Zinc in Rocks .....	241
Rocks from Finland .....	246
Rock Crystal of Fetlar .....	127, 130
" of Minerals .....	1
Rock Sections, Refractive Indices of .....	1
Rocks and Minerals, Magnetism of .....	194
Rock Silk .....	215
Analysis of .....	216
Rock Wood .....	207
Roeness Hill, Aphanite of .....	171
" Breccia of .....	172
" Granite of .....	171
" Serpentine .....	174
" Talc Slate of .....	174
ROHLRAUSCH on Refractive Indices .....	57
BOSCOE on Mottramite .....	97
Eubies, Artificial .....	48
Sahlite of Fetlar .....	123
SANDBERGER on Origin of Lode .....	62
on Tin in Silicates .....	101
Sapphire, Artificial .....	48
Sauvurite, Analyses of .....	6
" of Colafrith .....	194
" of Unst .....	28
Saynite .....	98
Scheelite from Cornwall .....	92
SCHRAUF on Tellurium Ores .....	247
on Ihleite .....	98
Scotland, Geognosy of .....	9, 106
" Garnets of .....	17, 87, 132, 230
" Felspars .....	36, 37, 39
SEMMONS on Dioprase .....	201
" on Copper Silicates .....	197
" on Hepatinerz .....	202, 204
" on Kupferpecherz .....	201, 204
Serpentine, Analyses of .....	106, 194
" of Haaf-Grunsay .....	106
" Magnetism of .....	194
" of Roeness .....	173
" of Unst .....	20, 22, 27, 33, 117
SHEPARD on Pyrophosphorite .....	58
Shetland, the Mainland .....	155
Map of .....	253
Silberkies .....	61
Silicates of Copper .....	197
" Heddle on Analysis of .....	36
" Tin in .....	101
SIPIOCZ on Miargyrite .....	56
Smaltite Group .....	77
Smaragdite .....	170
SMITH, J. L., on Tantalite .....	59

	PAGE
Soda-orthoclase	52
Sonstadt's Solution	63
SORBY, Optical Characters of Minerals	103
Determination of Minerals	1
Sphene of Fetlar	122
Staurolite, Origin of	179
of Unst	17
Steatite of Fetlar	122
Steeleite	141
Strengite	99
Statzite	248
Szaboite	248
Szabo on Felspars	245
Talc Slate, Analysis of	174
of Roeness	174
Talc of Fetlar	127
,, of Unst	21
Tantalite of Alabama	59
Tantalite, Smith on	59
Tellurium Ores, Schrauf on	247
Thaumasite	248
Thuringite of Carinthia	58
Tin in Silicates	101
Tourmaline of Colaifirth	182
Tridymite of Antrim	59
Tripliodite	100
Unst, Ankerite of	20, 21
Antigorite of	32
Aragonite of	23
Asbestos of	28, 34
Breunnerite of	21, 22
Brucite of	22
Chlorite of	34
Chlorite Slate of	14
Diclasite of	28
Diallage of	28, 31
Dolomite of	21
Emerald Nickel of	22
Epidote of	34
Felspars of	29
Garnet of	17
Geognosy of	12
Gneiss of	6, 15
Grastite	22
Hibbertite of	25
Hornblende of	30
Hydromagnesite of	27
Ilmenite of	18
Kammererite of	22, 24
Kyanite of	17, 19
Limestone of	13
Magnetite of	22, 27
Mica Slate of	13, 17

	PAGE
Unst, Muscovite	34
Native Iron of	19
" Nephrite of	32
" Pennine of	22
" Porphyritic Syenite of	20
" Pyrites of	34
" Saussurite of	28
" Serpentine of	13, 16, 22, 27, 33
" Staurolite of	17, 19
" Syenite of	20
" Talc of	21
" Talc Slate of	14
" Williamsonite of	23
Uranotile	150
Uya, Diallage of	106
" Geognosy of	106
Variscite of Arkansas	59
Vermiculite of Walney Island	59
VON HAUER on Crystallogenesis	95, 241
Walnewite from Achmatovsk	5
WEISEBACH on Miargyrite	56
" on Silberkies	61
" on Bismuthosphærite	98
Williamsonite of Unst	23
WILK on Finland Rocks	246
Yell, Epidote of	132
" Garnet of	132
" Geognosy of	131
Youngite, Hannay on	88
ZEPHAROVITCH on Thuringite	58
Zeitschrift für Kryst. und Min.	51, 55, 146

## ERRATA.

- Page 10, line 13 from bottom, for county *read* country.  
 " 21, " 10 " top and throughout, for Quin *read* cross.  
 " 27, " 18 " top, for Cu *read* Ca.  
 " 27, " 18 " " *dele* ē  
 " 27, " 22 " " for 413 *read* 413.  
 " 27, " 22 " " for 306 *read* 306.  
 " 92, " 7 " " for Mandlin *read* Maudlin.  
 " 108, " 16 " bottom, for discover *read* discoverer.  
 " Ibid for Ingelstromite *read* Igelstromite.  
 " 134, line 13 " bottom, for detatched *read* detached.  
 " 135, headline and throughout, for Steelite *read* Steeleite.  
 " 135, line 5, for two islands *read* Two Islands.  
 " 135, " 6, from bottom, for Feuchtwanger *read* Feuchtwanger.  
 " 163, bottom line, for Moh's *read* Mohs'.  
 " 211, line 5, from bottom, for limesone *read* limestone.