


READWIN'S
INDEX TO MINERALOGY.

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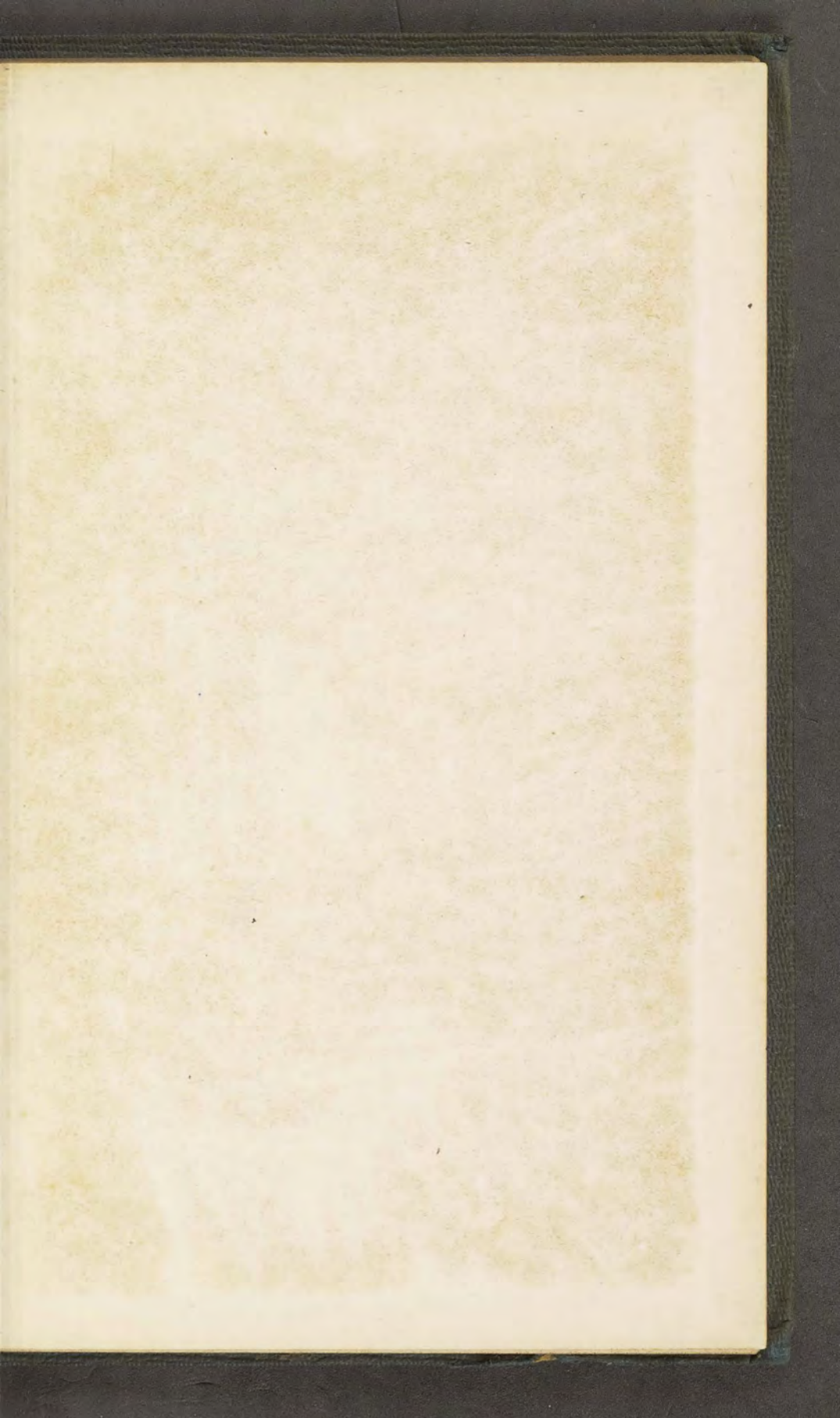
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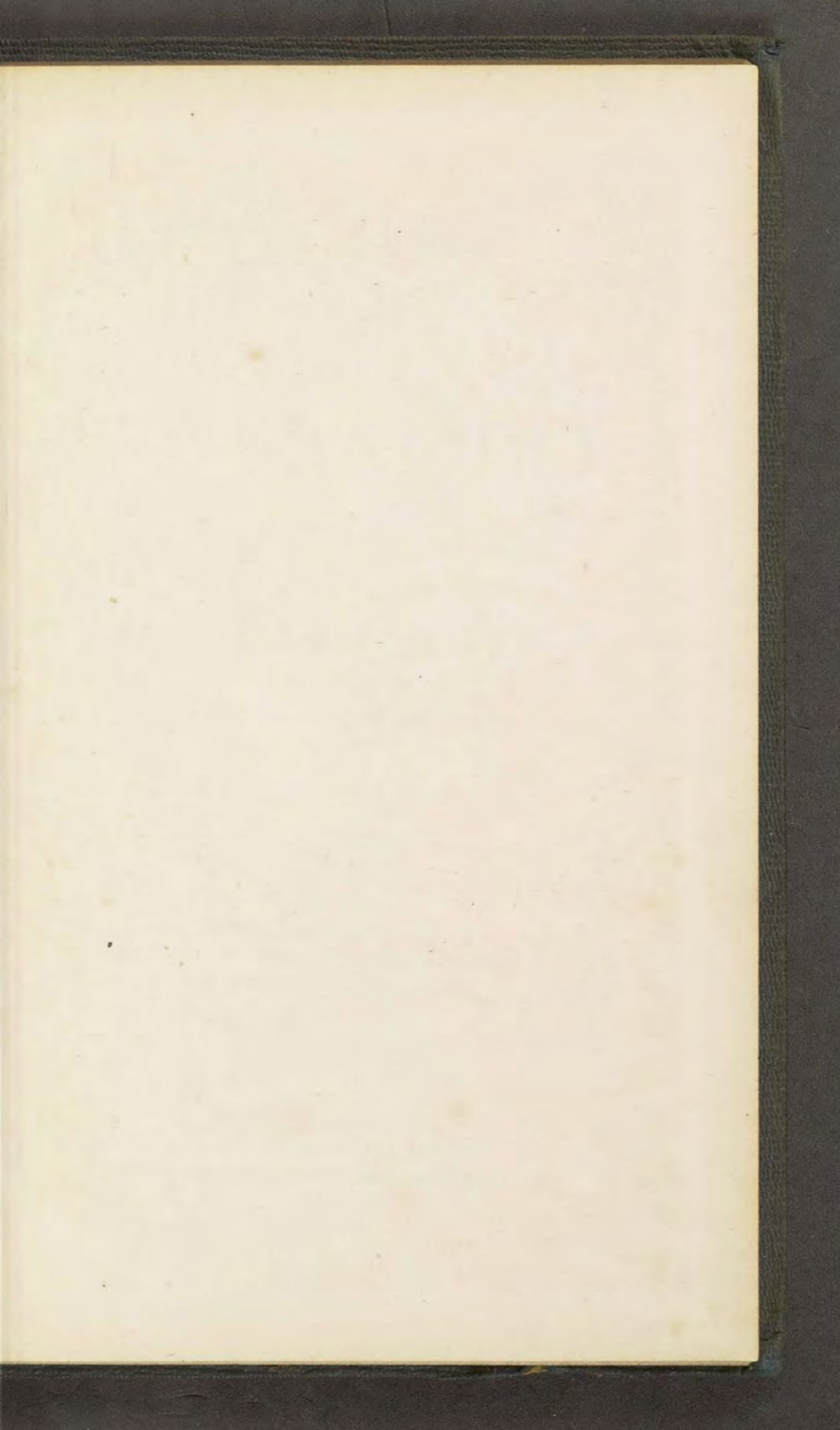
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AN INDEX
TO
MINERALOGY.

BY T. ALLISON READWIN,

F.G.S., F.S.S., &c.

AUTHOR OF OUTLINES OF GEOLOGY; AN ANALYTICAL CHART OF THE
MIND, &c.

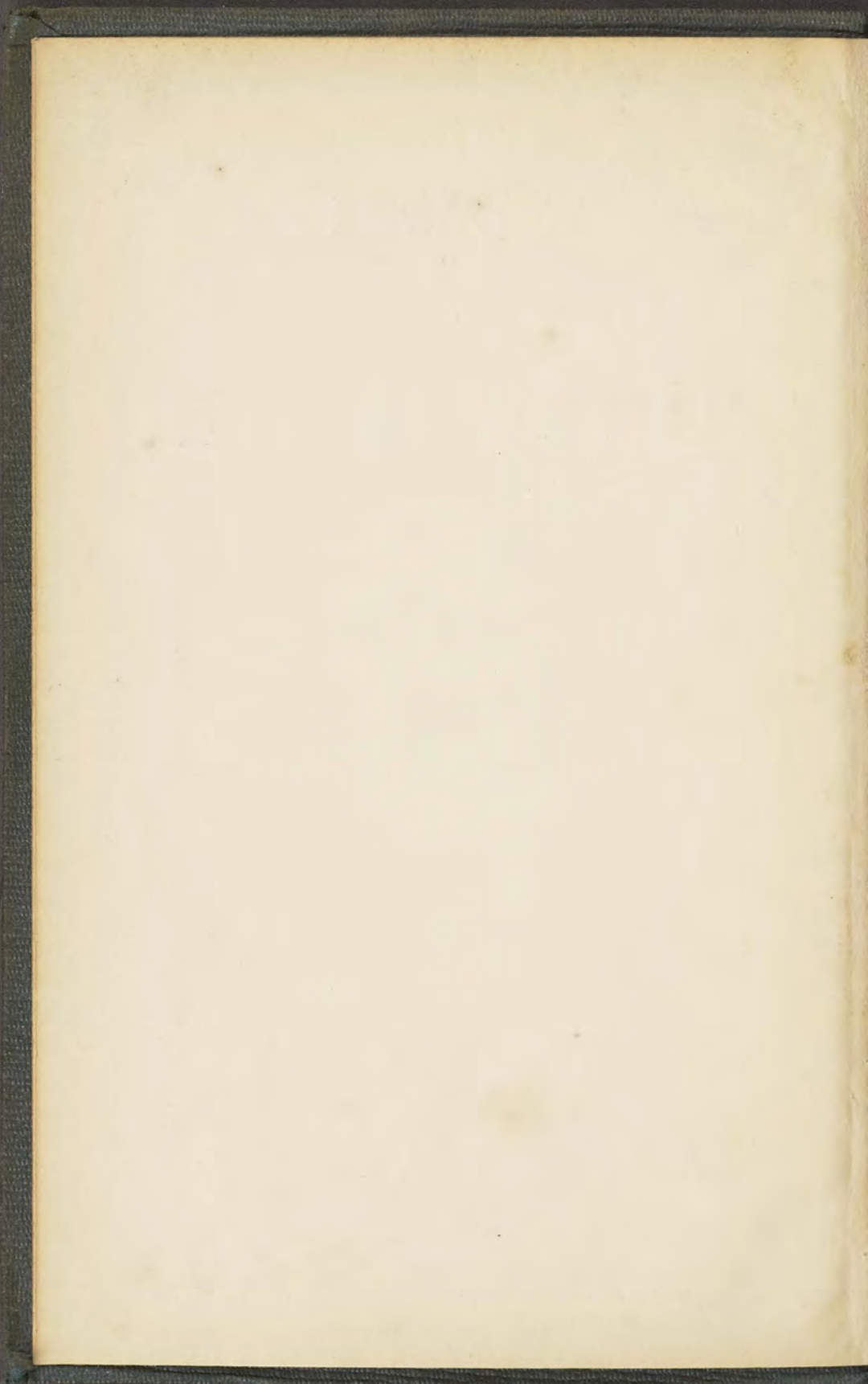
*This Index is an Alphabetical List of about 2500 Minerals,
with concise references to their Composition, Synonymes,
and Place in the British Museum.*

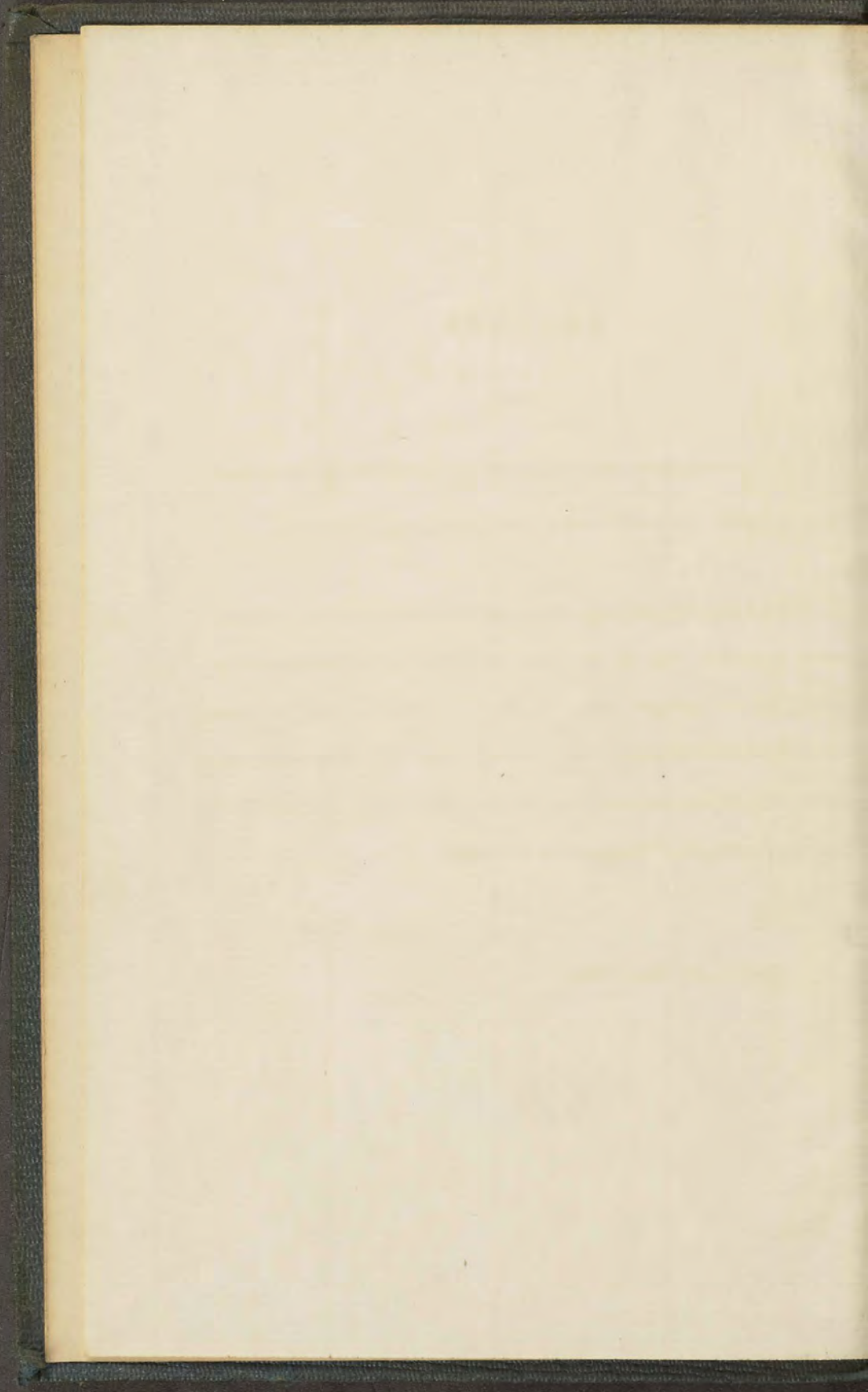
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1867.





P R E F A C E.

It is no easy task, from scattered, uncertain, and often very questionable data, to make a List of Minerals, even approximately correct,

This List, obviously imperfect, and little more than an Index to a more extended work on the same subject, (in preparation,) is published in its present form, in the hope that it may be useful to Mineralogical Students and Collectors, and may elicit correction at the hands of Chemists and others, so that, ultimately, a List of Minerals may be produced really deserving the name.

T. A. R.

London, May 18th, 1867.

INTRODUCTION

The first part of the book is devoted to a general survey of the history of the subject. It begins with a brief account of the early attempts to explain the phenomena of life, and then proceeds to a more detailed consideration of the various theories which have been advanced from time to time. The author's own views are then stated, and the reasons for their adoption are explained. The second part of the book is devoted to a more detailed consideration of the various theories which have been advanced from time to time. The author's own views are then stated, and the reasons for their adoption are explained.

CHAPTER I

THE NATURE OF LIFE



SYMBOLS AND ABBREVIATIONS USED IN THE INDEX.

LIST

THE ELEMENTARY BODIES,

with their Chemical Symbols alphabetically arranged.

Ag. (*Argentum*)...Silver
 Al.Aluminium
 As.Arsenic
 Au. (*Aurum*)....Gold
 B.Boron
 Ba.Barium
 Be. or Gl. (*Beryllium*) Glucinum
 Bi.Bismuth
 Br.Bromine
 C.Carbon
 Ca.Calcium
 Cd.Cadmium
 Ce.Cerium
 Cl.Chlorine
 Co.Cobalt
 Cr.Chromium
 Cs.Cæsium
 Cu. (*Cuprum*)....Copper
 D.Didymium.
 Er.Erbium
 F.Fluorine
 Fe. (*Ferrum*)Iron
 H.Hydrogen
 Hg. (*Hydrargyrum*) Mercury
 I.Iodine
 In.Indium
 Ir.Iridium
 K. (*Kalium*)....Potassium
 La. or Ln.Lanthanum
 Li.Lithium
 Mg.Magnesium
 Mn.Manganese
 Mo.Molybdenum
 N.Nitrogen

Na. (*Natrium*) ...Sodium
 Nb.Niobium
 Ni.Nickel
 O.Oxygen
 Os.Osmium
 P.Phosphorus
 Pb. (*Plumbum*) ...Lead
 Pd.Palladium
 Pt.Platinum
 R. Rd. or Rh.Rhodium
 Rb.Rubidium
 Ru.Ruthenium
 S.Sulphur
 Sb. (*Stibium*)Antimony
 Se.Selenium
 Si.Silicium, or Silicon
 Sn. (*Stannum*) ...Tin
 Sr.Strontium
 Ta. or Cb.Tantalum or Columbium
 Tb.Terbium
 Te.Tellurium
 Th.Thorium
 Ti.Titanium
 Tl.Thallium
 U.Uranium
 V.Vanadium
 W. (*Wolframium*) Tungsten, or Wolfram
 Y.Yttrium
 Zn.Zinc
 Zr.Zirconium

Note,—Donarium D. }
 Ilmenium Il. } Existence
 Norium No. } Doubtful.
 Pelopium Pe. }

ABBREVIATIONS.

B.M. British Museum: hyd. hydrous: carb. carbonate. sil. silicate.
 syn. synonyme.

EXPLANATIONS.

The names within *brackets* indicate the mineral species, of which the preceding name is a variety : for example, Acadialite (Chabasite) shows Acadialite to be a variety of Chabasite.

The numbers refer to the Table-cases in the British Museum where the minerals referred to are exhibited.

INDEX TO MINERALOGY

Amphibole	100
Asbestos	100
Barite	100
Biotite	100
Calcite	100
Chalcopyrite	100
Chlorite	100
Chromite	100
Coal	100
Corundum	100
Diopside	100
Dolomite	100
Enstatite	100
Epithermal	100
Fluorite	100
Garnet	100
Glauconite	100
Graphite	100
Halite	100
Hornblende	100
Ilmenite	100
Iron	100
Jadeite	100
Kyanite	100
Labradorite	100
Malachite	100
Magnetite	100
Maltese cross	100
Muscovite	100
Natural gas	100
Orthoclase	100
Orthopyroxene	100
Peridot	100
Plagioclase	100
Pyrite	100
Quartz	100
Rutile	100
Siderite	100
Sphalerite	100
Staurolite	100
Talc	100
Titanite	100
Topaz	100
Trigonal	100
Uraninite	100
Vanadate	100
Verdigris	100
Wollastonite	100
Zinc	100

INDEX TO MINERALOGY.

- Acadialite or, Acadiolite (Chabasite), Al., Ca., Na. & K. hyd. sil. B.M.48
- Acanthoide (Breislakite), Mg. & Ca. Sil.
- Achmite, or Acmite, Fe. & Na. sil. B.M. 37
- Achroite (Tourmaline), Al. &c. sil. 50
- Achtaragdite (Idocrase), Ca. & Al. sil. B.M. 42
- Achtarandit (Helvine), Al. &c. sil. 50
- Acicular Boulangerite (Boulangerite), Pb. & Sb. sulphide
- Acid Carbonic, C. oxide
- Acid Chlorhydric, Hydrochloric, or Muriatic, Cl. hydrate
- Acid Sulphuric, S. teroxide.
- Acid Sulphurous, S. binoxide.
- Acidulo-alkaline-carbonate water, (Water), H. oxide, carbonic acid, &c. (e. g. the Seltzers, &c.)
- Acidulous - carbonated - chalybeate (Mineral water), H. oxide with Fe. protocarbonate. ? bicarbonate, (as at Illkstone.)
- Acnite ? (Melaphyre-Pyroxene), Mg. &c. sil. Fe. and Na. sil.
- Acrusite, Pb. carb.
- Actinolite (Hornblende), Mg. Ca. &c. sil. B.M. 37 (species)
- Adamantine Spar (Sapphire-Corundum), Al. oxide.
- Adamine, or Adamite, Zn, hyd. arsenate.
- Adamsite (? Mica), B.M. 44
- Adelpholite, Fe. hyd. tantalate
- Adhesive Slate (Clay), Al. hyd. sil.
- Adinole (Orthoclase), Al. sil. & K. 45
- Adularia (Orthoclase), Al. sil. & K. 45
- Ægyrine, or Ægirine, Fe. Na. Mg. Ca. Al. Mn. K. sil. with Titanic Acid, B.M. 37 ? variety of Pyroxene.
- Ærolite (Meteorite), Fe. &c.
- Æschynite, Ce. Fe. &c. titanoniobate. B.M. 52
- Agalmatolite, or Pagodite (Clay), Al. K. &c. hyd. sil. B.M. 52 (species)
- Agaric Mineral, or Stone, (Calcite), Ca. carb. B.M. 38 (var. Asbestos)
- Agate (Quartz), Si. oxide. B.M. 25
- Agate-Jasper (Quartz), Si. oxide. B.M. 23
- Agnesite or Bismutite, Bi. hyd. carb. B.M. 34 ? anhydrous.
- Aikinite, Aikenite, Aciculite, or Needle-Ore, Bi. Pb. & Cu. sulphide. B.M. 11
- Akanthite, Ag. sulphide. B.M. 7
- Akanticon, or Akanthite, (Epidote), Al. &c. sil. B.M. 43.
- Akontite (? Leucopyrite), Fe. arsenide.
- Alabaster (Selenite-Gypsum), Ca. hyd. sulphate. B.M. 55
- Alabaster Marble (Calcite), Ca. carb.
- Alalite (Diopside-Pyroxene), Mg. &c. sil. B.M. 36 (syn. Diopside)
- Albertite or Melanasphalt (Cannel-Coal), C. oxy-hydride
- Albine (Apophyllite), Ca. & K. hyd. sil. B.M. 39
- Albite, or Cleavelandite, Al. K. & Na. sil. B.M. 45
- Alexandrite (Chrysoberyl), Be. aluminate with Fe. protoxide. 16
- Algadonite, or Algodonite, Cu. arsenide. ? Enargite
- Algerite (Scapolite), Al. sil. & K. 43
- Alisonite, Cu. and Pb. sulphide
- Alizite (Pimelite), Al. Mg. &c. sil. B.M. 40. (var. Serpentine.)
- Alkaline-water (Water), H. oxide and Na, carb. &c.
- Allagite (Rhodonite), Mn. sil. B.M. 38
- Allanite, or Cerine, Ce. Al. Fe. Ca. &c. sil. B.M. 43. (var. Orthite)

- Allemontite, Sb. arsenide. B.M. 3
 Allochroite (Garnet), Al. Fe. &c. sil. B.M. 42
 Allomorphite, (Barytes), Ba. sulphate. B.M. 55
 Allophane, or Riemannite, Al. Fe. or Cu. &c. hyd. sil. B.M. 46
 Alluaudite, Fe. Mn. hyd. phosphate B.M. 57
 Alm (Arragonite), Ca. Carb. &c.
 Almagrerite, Zn. sulphate
 Almandine (Garnet), Al. & Fe. sil. B.M. 42
 Alstonite, or Bromlite, Ba. and Ca. carb. B.M. 28
 Altaite, Pb. telluride
 Alum, Native, K. & Al. hyd. sulphate. 56
 Alum-earth, Al. &c. sil.
 Alum-shale (Clay-slate), Al. &c. sil.
 Alum-slate, Al. hyd. sil.
 Alumian, Al. sulphate. B.M. 54
 Alumina, anhyd. sulphate of?
 Alumina and Copper hyd. silico-phosphate of, *D. Forbes*
 Alumina & Lime, hyd. phosphate of
 Alumina Native, Al. sesquioxide ?
 Alumina, siliciferous hydrate of
 Aluminous Marl (Clay), Al. hyd. sil.
 Alumocalcite (Opal), Si. hyd. oxide B.M. 26
 Alunite, or Alumstone, Al. & K. hyd. sulphate, B.M. 56
 Alunogen, Al. hyd. sulphate
 Alvite, Y. hyd. sil. B.M. 20
 Amalgam Gold, Hg. and Au.
 Amalgam Native, Hg. & Ag. B.M. 3
 Amsite (Orthoclase), K. & Al. sil.
 Amazon-Stone (Orthoclase), Al. &c. sil. B.M. 45
 Amber (Resin), C. H. & O. 60 B
 Amblygonite, Al. & Li. phosphate 60
 Ambrite (Resin), C. H. & O.
 Amethyst (Quartz), Si. oxide. B.M. 22
 Amethyst Oriental, (Sapphire-Corundum), Al. oxide.
 Amethystoline (Amethyst), Si oxide
 Amianthoide (Amianthus), Mg. Ca. &c. sil.
 Amianthus (Asbestos), Mg. & Ca. sil.
 Ammiolite, Hg. antimonite. B.M. 60
 Ammonia-Alum (Alum), Al. hyd. sulphate
 Ammonia-Alum of the Brown Coal (Alum), Al. hyd. sulphate ?
 Ammonia Bicarbonate.
 Amoibite (Nickel-Glance), Ni. arsenio-sulphide. B.M. 10
 Amphodelite (Anorthite), Al. Ca. & Mg. sil. B.M. 44
 Analcime, Cubicite, or Cuboite, Al. Na. &c. hyd. sil. B.M. 48
 Anatase, Ti. oxide. B.M. 21
 Anauxite (Clay), Al. & Mg. hyd. sil. ? var. Cimolite. B.M. 46
 Anchosine, Al. sil.
 Andalusite, Micaphyllite, or Stanzaitite, Al. sil. B.M. 41
 Andesine, Al. Na. and Ca. sil.
 Anglarite (Vivianite), Fe. hyd. phosphate. B.M. 57
 Anglesite, Pb. sulphate. B.M. 55
 Anhydrite, Karstenite, or Muriacite, Ca. sulphate. B.M. 54
 Anhydrous Scolezite (Labradorite), Al. &c. sil.
 Ankerite (Dolomite), Ca. & Mg. carb. B.M. 32
 Annabergite, Nickel-Bloom, Nickel-Green, or Nickel-Ochre, Ni. hyd. arsenate. B.M. 57
 Annivite (Tetrahedrite), Cu. &c. sulphide
 Anorthite, Biotine, or Christianite, Al. Ca. &c. sil. B.M. 44
 Anthophyllite, (Hornblende), Mg. Fe. &c. sil. B.M. 36 (species)
 Anthophyllite, Hydrous (Actinolite), Mg. Ca. &c. sil. B.M. 38
 Anthracite, or Stone Coal (Coal), C. oxy-hydride. B.M. 60A
 Anthraconite (Stinkstone), Ca. carb. B.M. 31
 Anthracoxene (Resin), C. H. & O.
 Anthosiderite, Fe. hyd. sil. B.M. 46
 Anthrophyllite (Mica), B.M. 42 ?
 Antigorite (Serpentine), Mg. hyd. sil. B.M. 40
 Antimony Ochre, Sb. Hyd. oxide ? B.M. 26
 Antimonphyllite (Valentinite), Sb. oxide
 Antimony Arsenical, Sb. arsenate
 Antimony Native, Sb. B.M. 8

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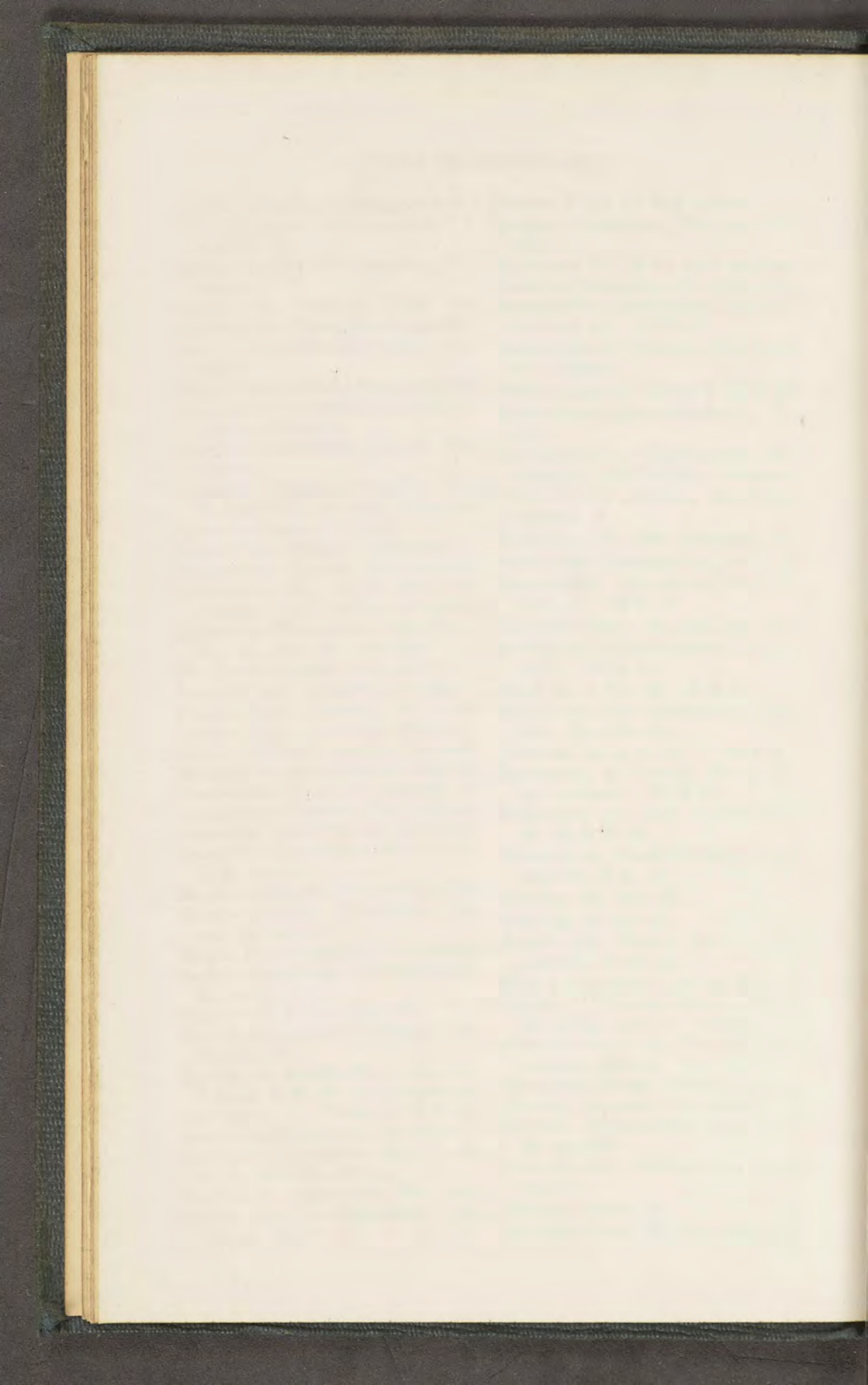
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Chapter XXVIII. The History of the	280
Chapter XXIX. The History of the	290
Chapter XXX. The History of the	300

[The text on this page is extremely faint and illegible. It appears to be a list or index of names and dates, possibly arranged in two columns. The text is too light to transcribe accurately.]

- Antrimolite (Mesolite), Al. Ca. &c. hyd. sil. B.M. 47
 Apatelite, Fe, hyd. sulphate. B.M. 56.
 Apatite, Ca. phosphate. B.M. 59
 Apatoid (Meteorite), Fe. &c.
 Aphèrese (Libethenite), Cu. hyd. phosphate
 Aphrite (Calcite), Ca. Carb. B.M. 31
 Aphrizite (Tourmaline), Al. &c. sil. 50
 Aphrodite (Meerschaum), Mg. hyd. sil. B.M. 39
 Aphrosiderite, Fe. and Al. hyd. sil. B.M. 50
 Aphthonite (Tetrahedrite), Cu. &c. sulphide. B.M. 11
 Apjohnite or Manganese-Alum (Alum), Al. hyd. sulphate. B.M. 56
 Apjohnite, Zn. & Pb. sulphide. (*Greg and Lettsom*)
 Aplome (Garnet), Al. Ca. & Fe. sil. B.M. 42
 Apophyllite, Ca. & K. hyd. sil. 39
 Aquamarine (Beryl), Al. Be. &c. sil.
 Aræoxene, Pb. vanadate & Zn. oxide
 Arendalite (Epidote), Al. &c. sil. 43
 Arfredsonite (Hornblende), Mg. Fe. & Na. sil. B.M. 37
 Argentiferous Antimony Ore, Sb. sulphide with Ag.
 Argentiferous-Galena (Galena), Pb. sulphide with Ag.
 Argentine (Calcite), Ca. carb. B.M. 31
 Argentine, Silver Glance, or Henkelite, Ag, sulphide, B.M. 5
 Argillaceous Lenzinite (Halloysite), Al. hyd. sil.
 Arkansite (Brookite), Ti. oxide. 21
 Arquerite (Silver-Amalgam), Hg. and Ag. B.M. 3
 Arragonite or Igloite, Ca. carb. 27
 Arsenglanz (Native Arsenic), As.
 Arsenic Native, As. B.M. 3
 Arsenic-Silver, Ag. arsenide
 Arsenolite, As. oxide. B.M. 26
 Arsenomelane, Cu. arsenio-sulphide
 Arsenophyllite of *Breithaupt*, ? Arsenolite, As. oxide.
 Arsenosiderite, or Arsenocrocite, Fe. native diarsenide. B.M. 58
 Asbestiform-Calamite ? (Tremolite-Hornblende), Mg. &c. sil.
- Asbestiform-Tremolite (Tremolite-Hornblende), Mg. Ca. &c. sil.
 Asbestos (Actinolite-Hornblende), Mg. Ca. &c. sil. B.M. 38 (Tremolite)
 Asbolane or Earthy Cobalt (Wad), Mn. Co. &c. hyd. oxide
 Asparagus-Stone (Apatite), Ca. phosphate. B.M. 59
 Aspaseolite (Oosite—Iolite), Al. Mg. &c. sil. B.M. 43
 Asperolite of *Hermann*, Cu. hyd. sil.
 Asphaltene (Asphalt), C. H. O.
 Asphalt-Oil (Asphalt), C. H. O.
 Asphalt (Bitumen), C. H. O. B.M. 60_a (species)
 Aspidelite (Sphene), Ti. and Ca. sil. B.M. 51
 Asteria of Pliny (Sapphire-Corundum), Al. oxide, &c.
 Asteriated Rock-crystal (Quartz), Si. oxide
 Astrakanite (Blödite), Mg. and Na. hyd. sulphate
 Astrophyllite (Mica), Al. Fe. Ti. &c. hyd. sil. B.M. 44
 Atacamite, or Remolinite, Cu. hyd. oxy-chloride. B.M. 15
 Atelesite (Eulytine), Bi. sil. B.M. 41
 Atheriastite (Scapolite), Al. Ca. &c. sil. B.M. 43
 Atlasite, (Malachite), Cu. & Zn. carb. B.M. 34
 Auerbachite, Zr. sil. B.M. 20
 Augite (Pyroxene), Mg. &c. sil. B.M. 36, 37
 Auralite (Iolite), Al. sil. B.M. 43 (var. Dichroite)
 Aurichalcite, Zn. & Cu. hyd. carb. 34
 Auriferous Blende, (Blende), Zn. sulphide & Au.
 Auriferous Galena (Galena), Pb. sulphide and Au.
 Auriferous Pyrites (Pyrites), Fe. sulphide and Au. B.M. 8
 Auriferous Quartz (Quartz), Si. oxide and Au.
 Autunite, or Lime Uranite, U. & Ca. hyd. phosphate. B.M. 59
 Avanturine Quartz (Quartz), Si. oxide B.M. 22
 Avanturine (Felspar—Orthoclase), Al. sil. B.M. 44

- Axinite, Thumite, or Thummerstein.
Ca. Al. &c. sil. with Sassoline ?
B.M. 51
- Axotomous Iron-ore (Ilmenite), Fe.
titanate
- Azorite, Ca. tantalate B.M. 52
(Azurite, syn. Chessylite, & Lazulite.
- Babel Quartz (Rock-Crystal), Si.
oxide
- Babingtonite, Fe. Mn. & Ca. sil. B.M. 38
- Bagracionite (Allanite), Ce. sil. B.M.
43 (var. Epidote)
- Baierine (Columbite), Fe. & Mn.
niobite
- Baikalite (Sahlite—Diopside), Mg.
Ca. &c. sil. B.M. 36 (var. Diopside)
- Baikerite (Resin), C. H. O.
- Balais Ruby (Spinel), Al. oxide
- Ballesterosite (Pyrites), Fe. sulphide
- Baltimorite, Mg. & Fe. Hyd. sil.
Bristow. B.M. 40 (var. Picrolite)
- Baltimorite (Chrysotile—Serpentine),
Mg. &c. hyd. sil. (*Watts*)
- Bamlite (Sillimanite), Al. sil. 41
- Banded Chert, (Quartz.), Si. oxide
- Banded-Flint (Quartz), Si. oxide
- Baralite, Fe. &c. silico-aluminate.
- Bardiglio Marble (Calcite), Ca. carb.
- Bardiglione (Anhydrite), Ca. sulphate
- Barnhardtite, Cu. & Fe. sulphide. 12
- Baroselenite (Barytes), Ba. sulphate
- Barsowite (Anorthite), Al. & Ca. sil. 44
- Barytes or Heavy Spar, Ba. sulphate,
B.M. 54, 55
- Baryto-Calcite, Ba. & Ca. carb. B.M. 34
- Baryto-Celestine (Celestine), Sr.
and Ba. sulphate
- Baryto-Fluor-Spar, Ba. & Ca. fluoride
- Baryto-Strontianite (Strontianite),
Sr. carb.
- Basalt-tuff, Al. &c. hyd. sil.
- Basaltic-Hornblende (Hornblende),
Mg. &c. sil.
- Bastite, or Schiller-Spar, Mg. &c.
hyd. sil. B.M. 40 (var. Serpentine)
- Bastonite (Mica) ? B.M. 44
- Battle-Quartz (Quartz), Si. Oxide
- Batrachite (Chrysolite), Mg. & Ca. sil.
B.M. 36 (var. Olivine)
- Baudisserite (Magnesite), Mg carb.
- Baulite (Krablite—Orthoclase) Al.
&c. sil. B.M. 45
- Bauxite, Fe. & Al. hyd. oxide
- Bavalite (Chamoisite), Fe. hyd. sil.
B.M. 50
- Bayldonite, Pb. & Cu. hyd. arsenate
- Bean-Ore (Limonite), Fe. hyd. oxide
- Beaumontite (Heulandite), Al. Ca.
&c. hyd. sil. B.M. 49
- Beaumontite of *Jackson*, Cu. hyd.
sil. (*Watts*)
- Beekite (Quartz), Si. oxide B.M. 23
- Beetle-Stone (Clay-Ironstone), Fe.
carb.
- Bell-Metal-Ore (Tin-Pyrites), Sn.
sulphide. B.M. 11 (*Syn. Stannine*)
(Beraunite of *Bristow*, Black Del-
vauxene ?)
- Beraunite, Fe. hyd. phosphate. 58
- Berengelite (Guyaquillite), C. H. O.
- Bergmannite, (Natrolite), Al. & Na.
hyd. sil. B.M. 47
- Bergseife (Clay), Al. hyd. sil. 46
- Berthierite, or Haidingerite, Sb. sul-
phide. B.M. 12
- Beryl, Al. & Be. sil. B.M. 46
- Berzelianite, (the Berzeline of *Beu-*
dant), Cu. selenide
- Berzeline, Al. & K. sil. ? B.M. 8
- Beudantite, of *Covelli*, Pb. & Fe.
hyd. arsenate B.M. 60
- Beudantite of *Levy* (Nepheline),
Al. sil. B.M. 44
- Bieberite, or, Cobalt Vitriol, Co. hyd.
sulphate, B.M. 56
- Eiharite, Mg. hyd. sil.
- Bildstein Al. hyd. sil.
- Binnite (of *Weser*), Cu. arsenio-
sulphide, B.M. 12.
- Biotine (Anorthite), Al. sil. B.M. 44
- Biotite (Uniaxial-Mica — Mica),
Al. & Mg. hyd. sil. B.M. 44
- Bismuth Cobalt, Co. Fe. Cu & Ni.
arsenide (*Allan*)
- Bird's Eye Marble (Calcite), Ca. carb.
- Bismuth, Arsenical, Bi. arsenide
- Bismuth, Ferruginous arsenide of,
Bi. arsenide
- Bismuth-Gold (Gold), Au. with Bi.
sulphide
- Bismuth Native, Bi,
- Bismuth-Ochre, Bi. hyd. oxide. 26







- Bismuth-Silver, Ag. Pb. & Bi. sulphide. B.M. 4
 Bismuthaurite, (Gold), Au. & Bi.
 Bismuthine or Bismuthite, Bi. sulphide, B.M. 9 (syn. Bismuthite)
 Bitter-purgings saline water (Mineral Water), H. oxide with much Mg. sulphate
 Bitter-Spar (Dolomite), Ca. & Mg. carb.
 Bitumen C. H. O.—B. M. 60 A
 Bitumen Bitter-Spar (Bitter-Spar—Dolomite), Ca. & Mg. carb
 Bituminous Copper Coal (Coal), C. oxy-hydride
 Bituminous Limestone (Calcite), Ca. carb.
 Bituminous Marl (Clay), Al. hyd. sil. with Bitumen
 Bituminous Wood (Lignite) C. oxy-hydride
 Black-Band (Clay-Ironstone)—Fe carb.
 Black and Brown Delvauxene (Delvauxene), Fe. hyd. phosphate
 Blackbrush (Limonite) Fe. hyd. oxide
 Black Chalk (Clay), Al. hyd. sil.
 Black Coal (Common Coal), C. oxy-hydride
 Black Iron-Mica (Mica), Al. Fe. & c. hyd. sil.
 Black Titanite (Sphene), Ca. titano silicate
 Blakeite (Coquimbite), Fe. hyd. sulphate
 Bleimulm (Galena), Pb. sulphide
 Bleinierite or Bleiniere, Pb. hyd. antimonate. ? B.M. 60
 Blende, Zinc-Blende, or Black Jack, Zn. sulphide. B.M. 5
 Bleu du roi (Sapphire-Corundum), Al. nearly pure.
 Blistered Copper Ore (Chalcopyrite), Cu. oxide
 Blödite, Mg. & Na. hyd. sulphate, B.M. 56
 Bloodstone (Specular Iron-Ore—Hematite), Fe. oxide
 Blue Calamine (Aurichalcite), Zn. hyd. carb.
 Blue-John (Fluor), Ca. fluoride
 Blue-Iron Earth (Vivianite), Fe. hyd. phosphate
 Blue-Lead (Galena), Pb. sulphide. 6
 Blue Stone, Zn Pb. Cu. & c. sulphide
 Bodenite (Orthite), Ce. sil. B.M. 43
 Bog (Turf—Coal), C. oxy-hydride
 Boghead Coal (Cannel Coal), C. oxy-hydride
 Bog-Iron Ore (Limonite), Fe. hyd. oxide. B.M. 19
 Bole, or Melinite, Al. hyd. sil. & Fe. oxide. B.M. 46
 Bologna Stone (Barytes), Ba. sulphate. B.M. 55
 Boloretine (Resin), C. H. O.
 Boltonite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Bombite (Lydian Stone—Quartz), Si. oxide
 Bone-Turquoise, Oolontolite, or False, Turquoise, ? fossil ivory, stained with Ca. phosphate
 Bonsdorffite (Iolite), Al. hyd. sil. B.M. 43 (var. Oosite)
 Boort, Bort, or Boart, (Diamond), C.
 Boracite, Mg. borate B.M. 56
 Borax, Na. hyd. borate B.M. 56
 Bordite, (Okenite), Ca. hyd. sil. B. M. 39
 Bornite, (Tetradymite), Bi. telluride, also, syn. *Erubescite*.
 Boro-natrocalcite, (Hayesine), Ca. hyd. borate, B.M. 56
 Botallackite, (Atacamite), Cu. oxy-chloride
 Bottle Stone, (Obsidian), Al. sil. 45
 Bottle Stone of Moravia, (Chrysolite), Mg. sil.
 Botryogen, Fe. hyd. sulphate 56
 Botryolite, (Datholite), Ca. hyd. silico-borate. B.M. 51
 Boulangerite, Pb. and Sb. sulphide B.M. 12
 Bournonite, or Endellionite, Pb. Cu. and Sb. sulphide, B.M. 11
 Bournonite Nickel Glance, Ni. and Sb. arsenide
 Bovey Coal (Lignite), C. oxyhydride
 Bowenite (Serpentine), Mg. hyd. sil B.M. 40

- Branchite (Scheererite), C. H. O. B.M. 60B
 Brass of South Wales, Fe. carb. ?
 Brass Ore (Blende) Zn. & Ca. sulphide
 Brassey Coal (Bituminous Coal containing Iron-pyrites)
 Braunnite, Mn. sesquioxide, B.M. 17
 Brazilian Chrysolite (Topaz), Al. fluo-silicate
 Brazilian Ruby (Spinel), Al. and Mg. oxide &c.
 Brazilian Ruby (Topaz), Al. fluo-silicate ?
 Brecciated Agate (Quartz), Si. oxide
 Breadalbanite, (Hornblende), Mg. Ca. &c. sil.
 Breislakite, or Cyclopeite (Augite-Pyroxene), Mg. &c. sil. B.M. 37
 Breithauptite, or Antimonial Nickel, Ni. antimonite, B.M. 4
 Breunnerite (Dolomite), Ca. and Mg. carb. B.M. 32
 Brevicite (Natrolite), Al. Ca. & Na. hyd. sil. B.M. 47
 Brewsterite, Al. Ba. & Sr. hyd. sil. 49
 Brewstoline, or Diagonite (Resin), C. H. O.
 Brine, or Salt Water (Mineral Water), H. oxide with Na. chloride and I. or Br., or both.
 Brocatella di Sienna (Calcite), Ca. carb.
 Brochantite, Cu. hyd. sulphate 56
 Bromargyrite, or Bromide Silver, Ag. bromide B.M. 13
 Bromyrite, or Bromite, Ag. bromide B.M. 13
 Brongniardite, Ag. Pb. & Sb. sulphide B.M. 12 (Brogniardite)
 Bronzite, Mg. and Fe. sil. B.M. 36
 Brookite, Ti. oxide, B.M. 21
 Brossite, (Dolomite), Ca. and Mg. carb. B.M. 32
 Brown Asbestos (Anthophyllite), Mg. &c. sil.
 Brown Clay-Iron-Stone (Limonite), Fe. hyd. oxide
 Brown Coal (Lignite), C. oxy hydride B.M. 60A
 Brown Dolomite (Dolomite), Ca. Mg. & Fe. carb. (*Watts*)
 Brown Hematite (Limonite), Fe. hyd. oxide
 Brown Jasper (Quartz), Si. oxide
 Brown Ochre (Limonite), Fe. hyd. oxide
 Brown Spar (Dolomite), Ca. and Mg. carb. B.M. 33
 Brucite, Mg. hydrate B.M. 15
 Brushite, Ca. phosphate
 Bubble Chalcedony (Chalcedony—Quartz), Si. oxide
 Bucholzite (Sillimanite), Al. sil. 41
 Bucklandite (Pistacite-Epidote), Al. Ca. & Fe. sil. B.M. 43 ? hyd.
 Bucurumanga Resin (Resin), C. H. O.
 Buhrstone (Quartz), Si. oxide
 Buratite, Zn. & Cu. hyd. carb. 34
 Bustamite (Rhodonite), Mn. & Ca. sil. B.M. 38
 Buttermilcherz, (Chlorargyrite), Ag. chloride
 Butyrite (Guayaquillite), C. H. O. B.M. 60B (Bog-Butter)
 Byssolite (Actinolite), Mg. &c. sil. B. M. 37 (syn. Tremolite)
 Bytownite (Anorthite), Al. sil. 44
 Cabocle, Al. hyd. phosphate (?)
 Cacholong (Opal), Si. hyd. oxide. 26
 Cacoixene, or Kakoxene, Al. & Fe. hyd. phosphate
 Cadmiferous Blende (Blende), Zn. sulphide with Cd.
 Cadmium Ochre, Cd. sulphide (?) 15
 Cairngorm (Quartz), Si. oxide. 22
 Caking-Coal (Coal), C. oxy-hydride
 Calamine, or Zinc-Spar, Smithsonite of *Dana*, Zn. carb. B.M. 34
 Calamine Siliceous, or Zinc Glance, Zn. hyd. sil. (*Watts*)
 Calamite (Tremolite-Hornblende), Mg. &c. sil. B.M. 37
 Calcareous Barytes (Barytes), Ba. sulphate. B.M. 54
 Calcareous Marl (Marl-Clay), Al. hyd. sil. with Ca. carb.
 Calcareo-sulphate of Baryta, Ba. sulphate with Ca. carb.
 Calcareo-sulphate of Strontian, Sr. sulphate with Ca. carb.
 Calcite, Ca. carb. B.M. 29, 31

The first part of the history is divided into three books. The first book contains the history of the world from the beginning of the world to the birth of Christ. The second book contains the history of the world from the birth of Christ to the death of the last emperor of the Roman Empire. The third book contains the history of the world from the death of the last emperor of the Roman Empire to the present time.

The second part of the history is divided into three books. The first book contains the history of the world from the beginning of the world to the birth of Christ. The second book contains the history of the world from the birth of Christ to the death of the last emperor of the Roman Empire. The third book contains the history of the world from the death of the last emperor of the Roman Empire to the present time.

The third part of the history is divided into three books. The first book contains the history of the world from the beginning of the world to the birth of Christ. The second book contains the history of the world from the birth of Christ to the death of the last emperor of the Roman Empire. The third book contains the history of the world from the death of the last emperor of the Roman Empire to the present time.

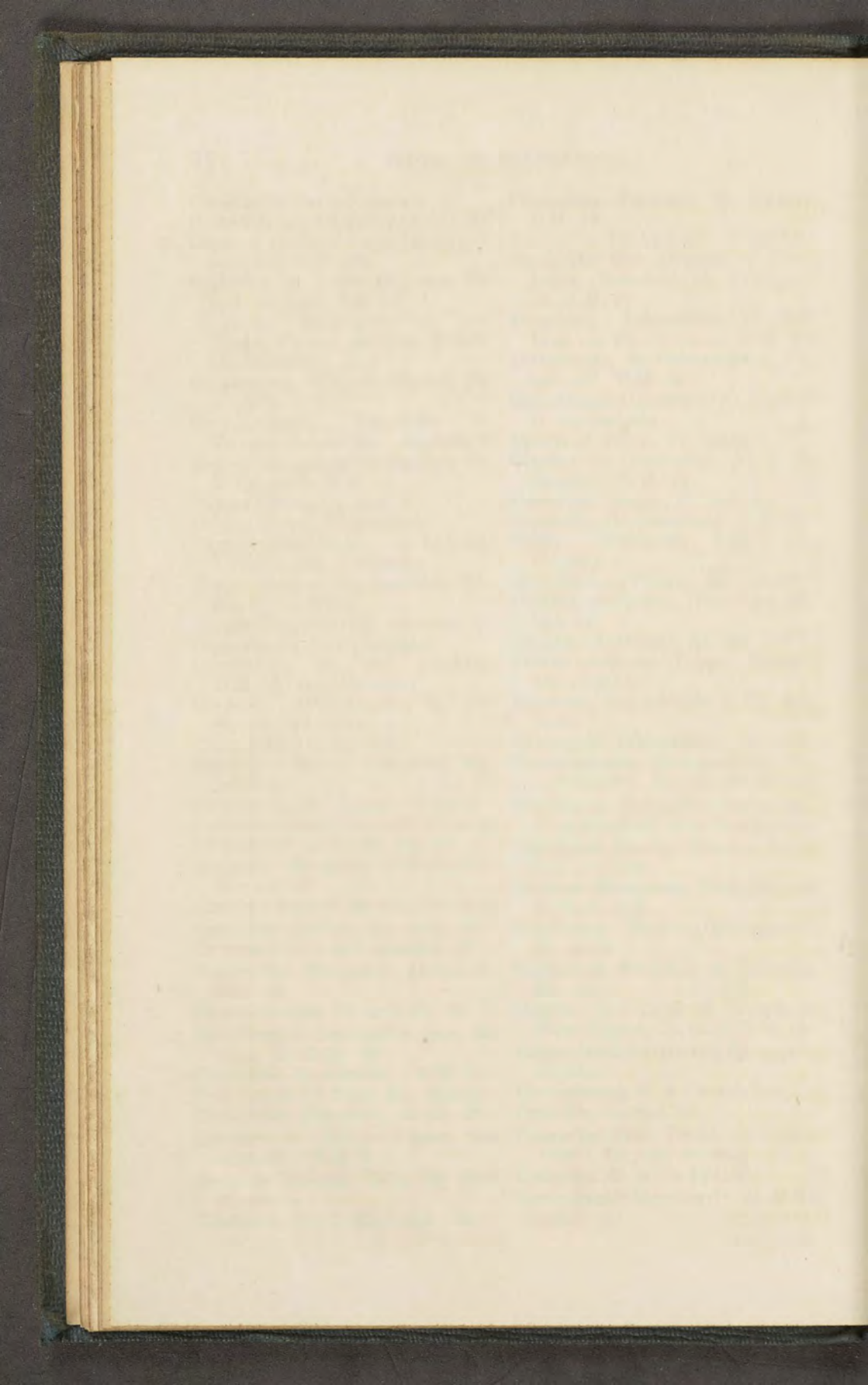
- Calcoferrite or Calciferrite, Fe. and Ca. hyd. phosphate.
- Calc-sinter, Ca. carb.
- Calctuff, or Calcareous Tufa, Ca. alluvial carbonate
- Calderite of Nepaul, (Garnet), Al. sil.
- Caledonite, Pb. & Cu. carb. & Pb. sulphate. B.M. 56
- Caliche of Thomson, Na. nitrate ?
- Caliphite of Thomson, Fe. and Mn. hyd. sil. ?
- Calomel Native, Hg. chloride. 14
- Calstronbaryte (Barytes), Ba. sulphate with Sr. & Ca. carb. (*Watts*)
- Calyptolite (Zircon), Zr. sil.
- Canaanite (Scapolite), Al. & Ca. sil. 43
- Cancrinite, Al. and Na. hyd. carb. with Si. (*Watts*) B.M. 44
- Candite (Pleonaste-Spinel), Al. and Mg. oxide &c.
- Cannel-Coal (Coal), C. oxy-hydride B.M. 60A
- Cannelite (Cannel-Coal), C. oxy-hydride
- Canoxinite, Na. and Al. sil. (*Bristow*)
- Cantalite (Pitchstone), Al. silicate
- Cantonite, Cu. sulphide
- Caporcianite, (? Laumontite), Al. and Ca. hyd. sil. B.M. 48 (Var. Laumonite)
- Capped-Quartz (Quartz), Si. oxide B.M. 23
- Carbonado, or Diamond Carbonate, (Diamond), C. impure
- Carbonated, or Acidulous Water (Mineral Water), H. oxide charged with carbonic acid
- Carbonated Chalybeate Water (Mineral Water), H. oxide with Fe. carb., carbonic acid, &c.
- Carbonated Saline Water (Mineral Water), H. oxide with Ca. carb., or sulphate, and Nitrogen Gas
- Carinthine (Hornblende), Mg. &c. sil. B.M. 38
- Carminite, Pb. and Fe. arsenate 57
- Carnallite, Mg. & K. chloride 14
- Carnat (Lithomarge), Al. hyd. sil.
- Carnelian (Agate), Si. oxide. 24
- Carolathine, Al. hyd. sil. &c. 60B
- Carpholite, Mn. Al. and Fe. hyd. sil. B.M. 46
- Carphosiderite, Fe. hyd. phosphate B.M. 58
- Carphostilbite (Thomsonite), Al. hyd. sil. B.M. 47
- Carrara Marble (Calcite), Ca. carb.
- Carrolite, (Linnæite), Co. Cu. Fe. & Ni. sulphide
- Cassiterite, or Tin Stone, Sn. bin-oxide, B.M. 20
- Cassiterotantalite (Tantalite), Fe. tantalate. B.M. 51
- Castellite, Cu. & Fe. sulphide
- Castelnaudite (Xenotime), Y. hyd. phosphate
- Castor (Petalite), Al. sil. with Li. B.M. 45
- Catapleiite, Zr. hyd. sil. B.M. 52
- Catlinite (Clay), Al. hyd. sil.
- Cat-Sapphire (Oriental Sapphire—Corundum), Al. oxide &c.
- Cat's Eye (Quartz), Si. oxide. 22
- Cavolinite (Nepheline), Al. sil. 44
- Cawk (Barytes), Ba. sulphate.
- Celestine, Sr. sulphate, B.M. 51
- Cellular-Pyrites (Marcasite), Fe. sulphide
- Cement Copper (Native Copper) Cu. ?
- Cendres noires (Friable-Coal), C. oxy-hydride ?
- Centralassite, Ca. hyd. sil.
- Cerasine, Pb. chloro-carbonate
- Cereolite, Mg. & Al. hyd. sil. 50
- Cerine, (Allanite), Ce. sil.
- Cerinite, Al. and Ca. hyd. sil.
- Cerite, or Cererite, Ce. hyd. sil. Ce. partly displaced by La. Di. Ca. & Fe. B.M. 40
- Cerium Epidote (Epidote), Al. sil. with Ce.
- Cerium Ochre, Ce. oxide. B.M. 15
- Cerussite, or White Lead Ore, Pb. carb. B.M. 28
- Cervantite, Sb. oxide, B.M. 26 (var. Antimony Ochre)
- Chabasite, Al. & Ca. hyd. sil. B.M. 48
- Chalcanthite, Cu. sulphate (*Watts*)
- Chalcedonified Wood, Si. hyd. oxide
- Chalcedony (Quartz), Si. oxide 24
- Chalcedonyx, (Chalcedony), Si. oxide
- Chalcodite, Fe. & Mg. hyd. sil. B.M. 50

- Chalcolite, Copper-Uranite, or Torberite, (Uranite), U. & Cu. hyd. phosphate
- Chalcopyllite, Copper Mica, or Tamarite, Cu. hyd. arsenate. 58
- Chalcopyrite, Copper-Pyrites, Tovanite, or Yellow Ore, Cu. & Fe. sulphide. B.M. 10
- Chalcosiderite, Fe. phosphate ? carb. ? syn. Chalybite, B.M. 58
- Chalcotrichite (Cuprite), Cu. oxide B.M. 15
- Challilite (Thomsonite), Al. hyd. sil. B.M. 47
- Chalk (Calcite), Ca. carb. B.M. 31.
- Chalybeate Water, Water containing Fe. carb. &c.
- Chalybite, Chalybdite, Spathose, or White Iron, Clay Iron-Stone, or Spathic Iron, Fe. carb. B.M. 33
- Chamoisite, Fe. hyd. sil. B.M. 50
- Chamoisite, or Berthierine (Siderochiasolite), Fe. hyd. sil. ?
- Chanaralite Ni. & Co. hyd. arsenate
- Chantonnite (Meteorite), Fe. &c.
- Chathamite (Smaltine), Co. arsenide
- Chelmsfordite (Wollastonite), Ca. sil.
- Chenevixite, Cu. & Fe. hyd. arsenate
- Chenocoprolite (Pitticite), Fe. hyd. arsenate with Ag. and Co.
- Cherokine (Pyromorphite), Pb. phosphate, B.M. 60
- Cherry-Coal (Coal), C. oxy-hydride
- Chert (Quartz), Si. oxide
- Chessylite, *Azurite*, or Blue Copper, Cu. hyd. carb. B.M. 35
- Chesterlite (Orthoclase), Al. sil. 45
- Chiastolite, Macle, Maranite or Hollow Spar, (Andalusite), Al. sil. B.M. 41
- Childrenite, Al. Fe. & Mn. hyd. phosphate. B.M. 59
- Chileit (Göthite), Fe. hyd. oxide
- Chileite, Pb. and Cu. vanadate
- Chiolite, Al. and Na. fluoride. 14
- Chiviatite, Bi. and Pb. sulphide. 11
- Chladnite (Meteorite), Fe. &c. chiefly a silicate
- Chloanthite, Co. Fe. & Ni. arsenide B.M. 4
- Chlorapatite (Apatite), Ca. phosphate
- Chlorargyrite, Kerargyrite, Kerate, or Horn Silver, Ag. chloride B. M. 12
- Chlorastrolite, Al. Ca. & Na. hyd. sil. B.M. 47 (var. Prehnite)
- Chloride of Iron, Fe. chloride
- Chlorite, Mg. and Al. hyd. sil. 49
- Chlorite Earth (Chlorite), Mg. and Al. hyd. sil.
- Chlorite Slate (Chlorite), Mg. and Al. hyd. sil.
- Chloritoid, or Chlorite Spar (Sismondine), Al. Mg. and Fe. hyd. sil. B.M. 49
- Chloropal, Fe. hyd. sil. with Opal ? Nontronite
- Chlorophœite, Chlorophacite, or Glauconite, Fe. & Mg. hyd. sil. 39
- Chlorophane (Fluor), Ca. fluoride B.M. 13
- Chlorophanesite ? Chlorophœite
- Chlorophyllite, or Hydrous Iolite (Iolite), Al. hyd. sil. B.M. 43 (var. Dichroite)
- Chlorospinel (Spinel), Al. and Mg. oxide &c. B.M. 16
- Chlorozeolite (Zeolite), Ca. & Al. hyd. sil.
- Chondroarsenite, Mn. hyd. arsenate
- Chondrodite, or Maclurite (Humite), Mg. sil. B.M. 36
- Chonikrite (Pyrosclerite), Mg. Al. Ca. & Fe. hyd. sil. B.M. 49 (var. Clinocllore)
- Chrismatine (Ozokerite), C. H. O.
- Christianite (Harmotome), Al. & Ba. hyd. sil. ?
- Christianite of Stempel (Phillipsite), Al. Ca. &c. hyd. sil. (*Watts*) B.M. 44 (syn. Anorthite)
- Chrome-Mica (Biotite—Mica), Al. Mg. &c. sil.
- Chrome Ochre (Wolchonskoite), Al. & Cr. hyd. sil. B.M. 46
- Chromite, or Chromic Iron, Fe. chromate. B.M. 16
- Chromochlorite of Thomson (Serpentine), Mg. &c. hyd. sil.
- Chrysoberyl, Be. aluminate, B.M. 16

Faint, illegible text covering the majority of the page, likely bleed-through from the reverse side. A small handwritten mark resembling a '7' is visible near the top center.

- Chrysocolla, Copper-Green, or Pitych Copper-Ore, Cu. hyd. sil. B.M. 40
 Chrysolite, Peridot, or Olivine, Mg. & Fe. sil. B.M. 36 (syn. Olivine)
 Chrysoprase (Chalcedony), Si. oxide B.M. 24
 Chrysotile (Serpentine), Mg. hyd. sil. B.M. 40
 Churchite, Ce. & Ca. hyd. phosphate
 Chusite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Chytophyllite, Fe. sil.
 Cimolite (Clay), Al. hyd. sil. 46
 Cinnabar, Hg. sulphide. B.M. 7
 Cinnamon-Stone (Garnet), Al. &c. sil. B.M. 42
 Cipilino Marble (Calcite), Ca. carb.
 Circle-Agate (Quartz), Si. oxide
 Citrine, Citron, or False Topaz, (Rock-crystal), Si. oxide
 Claussenite (Hydrargyllite-Gibbsite), Al. native hydrate
 Clausthalite, Pb. selenide. B.M. 5
 Clay, Al. hyd. sil. B.M. 46
 Clay Iron-Stone (Siderite), Fe. carb. B.M. 33
 Clay-Slate, Al. hyd. sil. &c.
 Clayite (Galena), Pb. sulpho-arsenide
 Claystone (Clay), ? Al. hyd. sil.
 Cleavelandite. (—see Albite).
 Cleiophane (Blende), Zn. sulphide
 Clinocllore, Al. Mg. &c. hyd. sil. B.M. 49
 Clinoclase, Abichite, Aphanite, or Siderochalcite, Cu. hyd. arsenate. B.M. 58
 Clintonite, Holmesite, or Seyberite, Al. and Mg. hyd. sil. B.M. 49 (var. Brandisite)
 Cloudy-Chalcedony (Quartz), Si. oxide
 Cluthalite (Analcime), Al. Mg. Na. & Fe. hyd. sil. B.M. 48
 Coal, C. oxy-hydride
 Cobalt Crust (Erythrine), Co. hyd. arsenate (?)
 Cobaltine, or Cobalt Glance, Co. arsenio-sulphide, B.M. 10
 Cobalt Nickel Glance, Co. & Ni. arsenio-sulphide.
 Cobalt Terarsenide, Co. arsenide
 Cobalt Manganese Spar (Diallogite), Mn. and Ca. carb. B.M. 35
 Coccinite, Hg. iodide
 Cocolite, Mg. &c. sil.
 Cockscomb Barytes (Barytes), Ba. sulphate
 Cockscomb Pyrites (Marcasite), Fe. sulphide
 Coking Coal (Anthracite-Coal), C. oxy-hydride
 Collyrite, Al. hyd. sil. B.M. 46 (var. Allophane) ? Dillnite
 Colophonite (Garnet), Al. sil. 42
 Columbite, Fe. and Mn. niobate B.M. 52
 Columnar Boulangerite (Boulangerite), Pb. and Sb. sulphide
 Columuar Clay Iron Ore (Ilmenite), Fe. oxide
 Columnar Coal (Common Coal), C. oxy-hydride
 Common Clay, (Clay), Al. hyd. sil.
 Common Coal (Coal), C. oxy-hydride
 Common Felspar (Orthoclase), Al. sil. B.M. 45
 Common Garnet (Garnet), Al. sil.
 Common Jasper (Quartz), Si. oxide
 Common Opal (Opal), Si. hyd. oxide.
 Common Quartz (Quartz), Si. oxide
 Compact Boracite (Boracite), Mg. borate
 Compact Galena (Galena), Pb. sulphide
 Compact Marble (Calcite), Ca. carb.
 Compostella Hyacinth (Quartz), Si. oxide
 Comptonite (Thompsonite), Al. & Ca. hyd. sil. B.M. 47
 Conarite, Ni. hyd. phosphate
 Condurrite, or Arsenical Copper (Domeykite), Cu. arsenide. B.M. 47
 Cone-in-cone Coal, or Crystallized Coal, (Coal), C.
 Confolensite (Halloysite), Al. &c. hyd. sil.
 Conglomerate, or Puddingstone, (Quartz), Si. oxide
 Conicalcrite, Cu. & Ca. hyd. arseniophosphate
 Conichrite of Thom. Mn. hyd. sil.
 Conite (Dolomite), Mg. Ca. & Fe. hyd. carb. B.M. 32

- Conistonite, Ca. hyd. oxalate ?
 Connelite, Cu. sulphato-chloride. 56
 Copaline, or Fossil Copal (Resin), C. hydrated. B.M. 60a
 Copiapite, or Yellow Copperas, Fe. hyd. sulphate. B.M. 56
 Copperas, Melanterite, or Iron Vitriol, Cu. hyd. sulphate. B.M. 56 (Melanterite)
 Copperasine, (Copper Glance), Cu. sulphide
 Copper-Glance, Redruthite or Vitreous Copper, Cu. sulphide. 7
 Copper Manganese (Crednerite), Cu. & Mn. oxide. B.M. 18
 Copper Native, Cu. B.M. 1
 Copper-Nickel, Ni. arsenate
 Copper Pitchblende, Cu. hyd. sil. ? Chrysocolla, & Ilmenite.
 Copper Slate, or Kupferschiefer, Cu. sulphide in Slate.
 Copper Tungstate, Cu. tungstate
 Coprolite, Ca. hyd. phosphate
 Coquimbite, Fe. hyd. sulphate. B.M. 56 (var. Copiapite)
 Coracite, (Pitchblende), U. Pb. Ca. & c. hyd. oxide ?
 Coral, (Calcite), Ca. carb.
 Coral Ore (Hepatic Cinnabar), Hg. sulphide
 Coraline Agate (Agate), Si. oxide
 Cornaline Agate, (Agate), Si. oxide
 Corneine (Hornblende), Mg. & c. sil.
 Corneous Manganese (Rhodonite), Mn. & c. sil.
 Cornish Diamond (Quartz), Si. oxide
 Corn Spar (Calcite), Ca. carb. 30
 Cornwallite, Cu. hyd. arsenide 57
 Corandellite (Margarite), Al. hyd. sil. B.M. 49
 Corundophyllite, Fe. hyd. sil. 49
 Corundum, or Adamantine Spar, Al. oxide, & c. B.M. 17
 Cotunnite, Pb. chloride. B.M. 14
 Coulobrasine of *Thom.* Zn. selenide
 Couseranite (Scapolite), Al. sil. 48
 Covelline, or Indigo Copper, Cu. sulphide. B.M. 8
 Craie de Briancon (Talc), Mg. hyd. silicate
 Crednerite, Cu. & Mn. oxide. 18
 Crichtonite (Ilmenite), Fe. titanate B.M. 18
 Crocidolite, Fe. hyd. sil. B.M. 50
 Crocolite, Blue Asbestos, or Krokallite, (Natrolite), Al. & Na. hyd. sil. B.M. 47
 Crocoisite, Lehmannite, or Red Lead ore, Pb. chromate. B.M. 53
 Cronstedtite, or Chloromelane, Fe. hyd. sil. B.M. 50
 Crow-Coal of Alston Moor (Anthracite) C. oxy-hydride
 Crucite of *Thom.*, Fe. oxide
 Cryolite, or Chodneffite, Al. & Na fluoride. B.M. 14
 Cryptoline (Resin), C. hydrated
 Cryptolite, Ce. phosphate. B.M. 57
 Cuban (Erubescite), Cu. & Fe. sulphide
 Cube Pyrites (Pyrites), Fe. sulphide
 Cubicite, or Cubizite, (Analcime), Al. hyd. sil.
 Cuboite (Analcime), Al. hyd. sil
 Cuivre spiciforme (Copper Glance), Cu. sulphide
 Culebrite, Zn. selenide & Hg sulphide
 Cumengite (Valentinite), Sb. oxide
 Cummingtonite (Hyd. Anthrophyllite — Actinolite), Mg. Ca. & c. silicate
 Cupriferous Anthracite (Anthracite) C. oxy-hydride, with Cu. sulphide.
 Cupriferous Blende, (Blende), Zn. & Cu. sulphide
 Cupreous Manganese (Wad), Mn. and Cu. hyd. oxide
 Cupriferous Marlite (Chalcopyrite), Cu. oxide
 Cupriferous Sandstone of Alderley, Cu. carb.
 Cuprite, Red oxide of Copper, or Ruby Copper, Cu. oxide. B.M. 15.
 Cupro-plumbite (Galena), Pb. cupro-sulphide
 Cyanochrome, K. & Cu. sulphate
 Cyanolite, Ca. hyd. sil.
 Cyanosite, Blue Vitriol, or Copper Vitriol, Cu. hyd. sulphate
 Cyclopite, Al. & Ca. hyd. sil.
 Cymophane (Chrysoberyl), Al. & Be, oxide



- Cyprine, or Cupreous Idocrase (Idocrase), Ca. Al. & Cu. sil. 42
 Damourite, Al. & Ca. hyd. sil. 50
 Danaite (Mispickel), Fe. sulpho-arsenide. B.M. 10
 Danburite, Ca. borosilicate. B.M. 51
 Dannemorite (Hornblende), Al. & Fe. sil.
 Dapêche, C. hydrated. B.M. 60B
 Darwinite, Cu. arsenide.
 (? Whitneyite)
 Datholite, Datolite or Humboldtite, Ca. hyd. silico-borate. B.M. 51
 Davidsonite (Beryl), Al. sil. B.M. 46
 Davite, Al. hyd. sulphate
 Davyne, or Somnite (Nepheline), Al. sil. B.M. 44
 Davyte (Alunogen), Al. hyd. sulphate
 Dead Sea Water (Water), H. oxide with excess of Na. Mg. & Ca. chlorides
 Dechenite, Pb. vanadate. B.M. 53
 Degeröite, Fe. hyd. sil. B.M. 60
 Delanovite (Halloysite), Al. Mn. & Ca. hyd. sil. B.M. 46
 Delarnite (Leucopyrite), Fe. arsenide
 Delessite (Chlorite), Mg. & Al. hyd. sil. B.M. 50
 Deleminozite, Ag. sulphide
 Delphinite (Pistacite), Al. & c. sil.
 Delvauxite, or Delvauxine, Fe. hyd. phosphate
 Demidoffite, or Demidovite (Chrysocolla), Cu. hyd. sil. & phosphate B.M. 40
 Dermatine (Serpentine), Mg. Fe. & c. hyd. sil. B.M. 40
 Descloizite, Pb. vanadate. B.M. 53
 Devilline, Ca. hyd. sil. B.M. 56
 Dew (Water), H. oxide & c.
 Deweylite, or Gymnite, Mg. hyd. sil. B.M. 40 (syn. Gymnite)
 Disclasite (Hypersthene—Pyroxene) Mg., & c. sil. B.M. 36
 Diadochite, Fe. hyd. phosphate & sulphate. B.M. 60
 Diallage (Pyroxene), Mg. Ca. & Fe. sil. B.M. 37
 Diallogite, Mn. Ca. Fe. & Mg. carb. B.M. 33
 Diamanthoid, rolled garnets from the Urals.
 Diamond, pure Carbon. B.M. 3
 Diamond Black (Diamond), C.
 Diamond Splint (Diamond), C.
 Dianite (Tantalite), Fe. tantalate, with Sn. & Mn. B.M. 51. ? species
 Dianium a metallic acid of the tantalite and niobic group ?
 Diaphorite (Allagite-Rhodonite), Mn. sil. & quartz. (Watts)
 Diastalite (Actinolite?—Hornblende), Mg. Ca. & c. sil.
 Diaspore, Al. Fe. Ca. Mg. & c. hyd. sil. B.M. 18
 Didrymite, or Didymite, Al. Ca. & K. hyd. sil. (Watts) ? Tale
 Digenite (Copper-Glance), Cu. sulphide. B.M. 12
 Dihydrate (Phosphocalcite), Ca. hyd. phosphate. B.M. 57
 Dillnite, or Collyrite (at Schemnitz), Al. hyd. sil. with Ca. & Mg. B.M. 46 (var. Allophane)
 Dimagnetite (Magnetite), Fe. oxid B.M. 16
 Dimorphine, As. sulphide. B.M. 9
 Dinite (Resin), C. hydrated
 Diopside, or Pyrgom, (Augite-Pyroxene), Mg. and Ca. sil. 36
 Dioptase, or Emerald copper, Cu. hyd. sil. B.M. 40
 Diphanite (Margarite), Al. hyd. sil.
 Dipyre, or Prehnitoid, Al. Ca. & Na. sil. B.M. 43
 Dipyrite, Fe. & Ni. sulphide ?
 Discrasite, or Antimonial silver, Ag. antimonide. B.M. 4
 Disterite or Erandisite (Clintonite), Al. & Mg. hyd. sil.
 Dog-tooth-Spar (Calcite), Ca. carb. B.M. 29
 Dolomite, or Magnesian Limestone, Ca. & Mg. carb. B.M. 32
 Domeykite, Cu. arsenide. B.M. 4
 Donacargyrite, Ag. & Pb. sulpho-antimonide
 Dopplerite (Resin), C. hydrated
 Doranite, Al. & Mg. hyd. sil.
 Double-Gold (Gold), Au. & Ag.
 Doubly-capped Quartz, (Quartz), Si. oxide
 Drawing-Slate Al. C. & Fe. hyd. sil.

- Dreelite (Barytes), Ba. sulphate. B.M. 55
- Ducktownite (Copper-Glance), Cu. sulphide. B.M. 7
- Dufrenite, Fe. hyd. phosphate. 59
- Dufrenoy'site, Gotthardite, or Binnite of *Descloiseaux* (Galena), Pb. sulpho-arsenide. B.M. 12
- Dumasite, (like Chlorite)—*Watts*, (? Arsenomelane & Scleroclase)
- Dungwen Crystal, (Rock-Crystal), Si. oxide
- Dyripe, Al. hyd. sil
- Dysluite (Spinel), Al. & Mg. oxide. with Zn. Mn. & Fe. B.M. 16
- Dyslytite (Schreibersite), Fe. phosphate
- Dysodile (Lignite), C. oxy-hydride. B.M. 60B
- Dyssonite (Fowlerite—Rhodonite), Fe. & Mn. aluminate
- Dysyntribite (Algamatolite), Al. K. Na. & c. hyd. sil. B.M. 50
- Earth-Foam (Aphrite), Ca. carb.
- Earthy Bitumen, or Maltha, (Bitumen), C. hydrated.
- Earthy Cerussite (Cerussite), Pb carb
- Earthy Cinnabar (Cinnabar), Hg. sulphide
- Earthy Cobalt-Bloom (Erythrine), Co. hyd. arsenide
- Earthy Glauber-Salt-Water (Mineral Water), H. oxide, with Na. sulphate, & c.
- Earthy Mineral Pitch (Asphalt), C. hydrated
- Earthy Silver Glance of Cornwall (Silver Glance), Ag. sulphide
- Edelforsite, *Edelforsite*, or *Retzite*, Ca. neutral sil. B.M. 36
- Edelite (Prehnite), Al. hyd. sil. 47
- Edenite (Hornbleude), Mg. Ca. Al. & c. sil.
- Edingtonite, Ba. & Al. hyd. sil. 48
- Edwardsite (Monazite), Ce. phosphate
- Effervescent Chalybeate Water (Mineral Water), H. oxide, with Fe. carb., and much carbonic acid.
- Egerane (Idocrase), Ca. Al. Fe. & Na. sil. B.M. 42
- Egyptian Jasper (Quartz), Si. oxide
- Ehlite (Phosphochalcite), Cu. hyd. sil. B.M. 56
- Ehrenbergite (Epistilbite), Al. hyd. sil. B.M. 50
- Eisenkiesel (Ferruginous Quartz), Si. oxide. B.M. 23
- Eisenmulm (Magnetite), Fe. oxide.
- Eisennickelkies, Fe. and Ni. sulphide B.M. 6
- Ekebergite (Scapolite), Al. sil. 43
- Elæolite, or Phonite (Nepheline), Al. sil. B.M. 44
- Elastic Bitumen, Elaterite, or Mineral Caoutchouc (Bitumen), C. hydrated. B.M. 60A. (Elaterite)
- Elba Iron-Ore (Specular Iron—Hematite), Fe. oxide
- Electrum (Gold), Au. & Ag. 2
- Elhuyarzite (Allophane), Al. & Ca. hyd. sil. with carbonic acid
- Eliasite (Pitchblende), U. Fe. & c. hyd. oxide. B.M. 16
- Elie Ruby (Pyrope), Al. & c. sil.
- Ellargite, Ca. & Al. hyd. sil.
- Embolite, Ag. chloro-bromide. 13
- Embrithite, Pb. sulpho-antimonite B.M. 12 ? Boulangerite.
- Emerald (Beryl), Al. & Be. sil. 46
- Emery (Corundum), Al. & c. hyd. sil. B.M. 17
- Emerylite (Margarite), Al. hyd. sil. B.M. 49
- Emmonsite (Strontianite), Sr. carb. B.M. 28
- Emplectite, Cu. & Bi. sulphide
- Enargite, or Algodonite, Cu. arsenio-sulphide, B.M. 12
- Encrinital Marble (Shell Marble—Calcite), Ca. carb.
- Enstatite (Pyroxene), Mg. & c. hyd. sil. B.M. 36 (species)
- Ephesite, Al. hyd. sil.
- Epichlorite (Ripidolite), Mg. & c. hyd. sil. B.M. 49
- Epidote, Al. & c. sil. B.M. 43
- Epiglaubeite, Ca. hyd. phosphate
- Epistilbite, Al. hyd. sil. B.M. 49
- Epsomite, or Epsom Salt, Mg. hyd. sulphate. B.M. 55
- Erdmannite, (Zircon), Zr. sil. 20
- Erdmannite (Orthite—Allanite), Ce. La. & Ca. hyd. sil, B.M. 43



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- Erinite of *Haidinger*, Cu. hyd. arsenate. B.M. 57
 Erinite of *Thompson*, (Bole), Al. sil. B.M. 46
 Erlane or Erlanite (Cinnamon Stone—Garnet), Al. &c. sil. B.M. 43
 Ersbyite (Labradorite), Al. &c. sil.
 Erubescite, Purple, or variegated Copper, or Bornite, Cu. & Fe. sulphide. B.M. 10
 Erusibite (Copper-Glance), Cu. sulphide
 Erythrine, Cobalt Bloom, or Red Cobalt Ochre, Co. hyd. arsenate B.M. 57
 Erythronium of Del Rio, Pb. vanadate
 Erythrite (Orthoclase), Al. sil.
 Escherite (Epidote), Al. &c. sil. ?
 Eschwegite (Anthosiderite), Fe. hyd. sil.
 Esmarkite (Iolite), Al. hyd. sil. B.M. 4 (var. Dichroite).
 Essonite, or Hessonite, (Cinnamon Stone), Al. &c. sil. B.M. 42
 Eucarite, Ag. & Cu. selenide. B.M. 8
 Euchroite, Cu. hyd. arsenate. B.M. 57
 Euchsiderite (Augite), Ca. & Al. sil.
 Euclase, Al. & Be. hyd. sil. B.M. 46
 Endialyte, Zr. Na. & Ca. sil. 51
 Eudnophite (Analcime), Al. hyd. sil. B.M. 48
 Eugenesite of *Kobel*, Pd. (?Hexagonal Palladium.)
 Eukamptite (Mica), Al. Fe. &c. hyd. sil. B.M. 44
 Eukolite (Endialyte), Zr. sil. 51
 Eukolite-Titanite, Fe. Na. &c. sil.
 Eulysite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Eulytine, or Bismuth Blende, Bi. sil. B.M. 41
 Eumanite (Brookite), Ti. oxide
 Euosmite (Resin), C. hydrated ?
 Euphillite, al. and Ca. hyd. sil. B.M. 50
 Euphotide-Jadien (Saussurite), Al. sil. ? Saussurite & Smaragdite
 Eupychroite₁ (Apatite), Ca. phosphate. B.M. 59
 Eusynchite, Pb. vanadate. B.M. 53
 Euxenite, Y. &c. titano-niobate B.M. 52
 Evansite, Al. hyd. phosphate
 Exanthalose (Glauber Salt), Na. hyd. sulphate
 Eye Agate (Circle Agate—Quartz), Si. oxide
 Eyestone (Calcite), Ca. carb. (Fahlerz, Cu. Ag. & Hg. see Tetrahedrite)
 Fahlerz Mercurial, Cu. Hg. Sb. & As. sulphide
 Fahlerz Silver (Tetrahedrite), Cu. Ag. &c. sulphide. B.M. 11
 Fahles Rothgiltigerz (Miargyrite), Ag. & Sb. sulphide
 Fahlunite, or Triclasite (Iolite), Al. &c. hyd. sil. B.M. 43 (var. Dichroite)
 False Topaz (Quartz), Si. oxidè.
 Fargite, (Galactite), Al. & Na. hyd. sil. ? Natrolite
 Farœlite, or Mesole, Al. & Ca. hyd.
 Fassaite (Augite), Mg. &c. sil. 36
 Faujasite, Al. Ca. and Na. hyd. sil. B.M. 49
 Fayalite (Chrysolite), Fe. &c. sil. B.M. 36 (var. Olivine)
 Felsite (Labradorite), Al. & Ca. sil.
 Felsobanyite, Al. hyd. sulphate. B.M. 56 (syn. Kapnicite)
 Felspar (Orthoclase), Al. sil. B.M. 45 (*syn. Orthoclase*)
 Felspathic Obsidian (Obsidian), Al. &c. sil.
 Fergusonite, Y. & Ce. hyponiobate. B.M. 52
 Ferrite, Fe. hyd. sil.
 Ferro-Cobaltine (Cobaltine), Co. As. & Fe. sulphide
 Ferrotantalite (Tantalite), Fe. tantalate
 Ferruginous, or Chalybeate Water (Mineral Water). H. oxide with much Fe.
 Ferruginous Clay (Clay), Al. hyd. sil.
 Ferruginous Lithomarge (Lithomarge), Al. Fe. Ca. Mg. & K. hyd. sil.
 Ferruginous Opal (Opal), Si. hyd. oxide

- Ferruginous Quartz (Quartz), Si. & Fe. oxide
 Ferruginous Zinc Spar (Kapnite-Smithsonite), Zn. hyd. siliceous oxide
 Feitbol (N. ntronite), Fe. hyd. sil. B.M. 46
 Fibroferrite, Fe. hyd. sulphate. 56
 Fibrolite (Bucholzite), Al. sil. 41
 Fibrous Blende (Blende), Zn. sulphide
 Fibrous Boulangerite (Boulangerite), Pb. & Sb. sulphide
 Fibrous Brown Hematite (Limonite), Fe. hyd. oxide
 Fibrous Quartz (Jaspery Quartz), Si. oxide. B.M. 23
 Fibrous Red Iron Ore (Hematite), Fe. oxide
 Fibrous Stypticite (Copiapite), Fe. hyd. sulphate
 Fichtelite (Resin), C. hydrated. 60B
 Ficinite, Fe. hyd. phosphate. 58
 Fieldite, Cu. Sb. & Zn. arsenio-sulphide
 Fiorite, or Pearl Spar (Opal), Si. hyd. oxide. B.M. 26.
 Fireblende, Ag. antimony-sulphide. B.M. 12.
 Fire Clay (Clay), Al. hyd. sil.
 Fire Opal (Opal), Si. hyd. oxide. B.M. 25.
 Fischerite, Al. hyd. phosphate. 58
 Flew Coal (Anthracite), C. oxy-hydride.
 Flexible Dolomite (Dolomite), Ca. & Mg. carb.
 Flexible Quartz (Quartz), Si. oxide. B.M. 23.
 Flexible Sandstone (Itacolumite—Granular Quartz), Si. oxide
 Flexible Silver Ore (Sternbergite), Ag. & Fe. sulphide
 Flint (Quartz), Si. oxide, B.M. 24
 Flint Coal (Anthracite), C. oxy-hydride
 Flint Nodule (Flint), Si. oxide
 Float Stone, or Swimming Quartz, (Quartz), Si. oxide B.M. 23
 Flos-Ferri (Arragonite), Ca. carb. B.M. 27
 Fluellite. Al. fluoride, B.M. 14
 Fluocerine, or Basicerine, Ce. basi fluoride, (*Watts*)
 Fluocerite, or Fluocerine, Normal cerous fluoride (*Watts*) B.M. 16
 Fluochlore (Pyrochlore), Ca. Ce. & c. niobate & titanate with F. and no water
 Fluor, or Blue John, Ca. fluoride B.M. 13, 14
 Fluor, fetid (Fluor), Ca. fluoride B.M. 13
 Foliated Copiapite (Copiapite), Fe. hyd. sulphate
 Fontainebleau Marble (Calcite), Ca. carb. B.M. 30
 Forcherite (Opal), Si. hyd. oxide B.M. 26
 Forsterite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Fortification Agate (Agate), Si. oxide
 Fossil Caoutchouc, C. hydrated ?
 Fossil Coke, Native Carbon
 Fournelite (Tetrahedrite), Cu. & c. sulphide
 Fowlerite (Rhodonite), Mn. Ca. Fe. Mg. & Zn. sil. B.M. 38
 Froncolite, or Fluorapatite, (Apatite), Ca. phosphate B.M. 59
 Franklinite, Fe. Zn. & Mn. oxide B.M. 16
 Freibergite (Tetrahedrite), Sb. Ag. & c. sulphide
 Freislebenite, Ag. Pb. & Sb. sulphide. B.M. 12
 French Chalk (Steatite), Mg. hyd. sil.
 Fresh Water (Water), H. oxide & c. Rain & c. more or less impure
 Friable Lignite (Lignite), C. oxy-hydride
 Friable Lithomarge (Lithomarge), Al. hyd. sil.
 Frugardite (Idocrase), Ca. & Al. sil. B.M. 42
 Fuchsite, or Chromic Mica (Mica), Al. & K. hyd. sil. B.M. 44
 Fulgurite (Quartz), Si. oxide. 12
 Fuller's Earth, Al. hyd. sil.
 Funkite (Green Coccolite), Mg. & c. sil. B.M. 36 (var. Diopside)
 Fuscite (Pyrargillite), Al. sil.

THE HISTORY OF THE

Faint, illegible text, likely bleed-through from the reverse side of the page. The text appears to be organized into several columns or paragraphs, but the characters are too light to transcribe accurately.

The following is a list of the members of the American Medical Association, as of January 1, 1910. The list is arranged in alphabetical order of the names of the members, and includes the names of all members who have been elected to membership since the last meeting of the Association. The names of the members who have died since the last meeting are indicated by a small cross (x) after their names. The names of the members who have resigned since the last meeting are indicated by a small circle (o) after their names. The names of the members who have been expelled since the last meeting are indicated by a small square (□) after their names. The names of the members who have been suspended since the last meeting are indicated by a small triangle (△) after their names. The names of the members who have been reinstated since the last meeting are indicated by a small diamond (◇) after their names. The names of the members who have been readmitted since the last meeting are indicated by a small asterisk (*) after their names. The names of the members who have been re-elected since the last meeting are indicated by a small plus sign (+) after their names. The names of the members who have been re-elected to the same office since the last meeting are indicated by a small cross (x) after their names. The names of the members who have been re-elected to a different office since the last meeting are indicated by a small circle (o) after their names. The names of the members who have been re-elected to the same office for a second time since the last meeting are indicated by a small square (□) after their names. The names of the members who have been re-elected to a different office for a second time since the last meeting are indicated by a small triangle (△) after their names. The names of the members who have been re-elected to the same office for a third time since the last meeting are indicated by a small diamond (◇) after their names. The names of the members who have been re-elected to a different office for a third time since the last meeting are indicated by a small asterisk (*) after their names. The names of the members who have been re-elected to the same office for a fourth time since the last meeting are indicated by a small plus sign (+) after their names. The names of the members who have been re-elected to a different office for a fourth time since the last meeting are indicated by a small cross (x) after their names. The names of the members who have been re-elected to the same office for a fifth time since the last meeting are indicated by a small circle (o) after their names. The names of the members who have been re-elected to a different office for a fifth time since the last meeting are indicated by a small square (□) after their names. The names of the members who have been re-elected to the same office for a sixth time since the last meeting are indicated by a small triangle (△) after their names. The names of the members who have been re-elected to a different office for a sixth time since the last meeting are indicated by a small diamond (◇) after their names. The names of the members who have been re-elected to the same office for a seventh time since the last meeting are indicated by a small asterisk (*) after their names. The names of the members who have been re-elected to a different office for a seventh time since the last meeting are indicated by a small plus sign (+) after their names. The names of the members who have been re-elected to the same office for an eighth time since the last meeting are indicated by a small cross (x) after their names. The names of the members who have been re-elected to a different office for an eighth time since the last meeting are indicated by a small circle (o) after their names. The names of the members who have been re-elected to the same office for a ninth time since the last meeting are indicated by a small square (□) after their names. The names of the members who have been re-elected to a different office for a ninth time since the last meeting are indicated by a small triangle (△) after their names. The names of the members who have been re-elected to the same office for a tenth time since the last meeting are indicated by a small diamond (◇) after their names.

- Fusible Hornstone (Orthoclase), Al. sil.
- Gabronite (Dipyre), Al. Ca. & Na. sil. B.M. 43
- Gabronite (Scapolite), Al. sil. }
Bristow }
- Gadolinite, or Ytterbite, Y. Ce. & Fe. sil. B.M. 36
- Gahnite, or Automolite (Spinel), Al. & Mg. oxide &c. B.M. 16
- Galactite (Natrolite), Al. & Na. hyd. sil. B.M. 47
- Galapectite (Halloysite), Al. hyd. sil.
- Galena, or Potter's Ore, Pb. sulphide B.M. 6
- Galena Antimonial (Galena), Pb. & Sb. cupreous sulphide
- Gallizinite (Nigrine), Ti. oxide
- Gamsigradite (Hornblende), Mg. Al. &c. sil.
- Ganomatite (Pitticite), Fe. hyd. arsenate. B.M. 60 (syn. Chenocoprolite, *Watts & Bristow*)
- Garnet, Al. Ca. &c. silicate, B.M. 42
- Gaylussite, or Natrocalcite, Na. & Ca. hyd. carb. B.M. 34
- Gedrite (Hydrous Anthophyllite), Mg. Ca. Fe. &c. sil. B.M. 36
- Gehlenite, Ca. & Al. hyd. sil. 42
- Gekrösstein (Anhydrite), Ca. sulphate
- Gelbeisenerz (Jarosite), Fe. hyd. sulphate
- Geoceraïn (Lignite Resin), C. hydrated
- Geocronite (Galena), Pb. antimony-sulphide, B.M. 11
- Geode (Agate), Si. oxide
- Geode, or Potatoe Stone (Quartz), Si. oxide & Ca. carb.
- Gersdorffite (Nickel-Glance), Ni. arsenio sulphide, with Fe. & Co. B.M. 10
- Geyselite, Si. hyd. oxide
- Gallo antico, or Yellow Sienna Marble (Calcite), Ca. carb.
- Gibbsite, Al. Native hydrate. B.M. 18 (var. Hydrargillite)
- Gieseckite (Pinite), Al. sil. 43
- Gigantolite (Pinite), Al. sil. 43 ?
- Gilbertite (Margorodite—Mica), Al. hyd. sil. & K. (?) B.M. 49 (var. Margarite)
- Gillingite (Hisingerite), Fe. hyd. sil. B.M. 50
- Giobertite (Magnesite), Mg. carb. B.M. 32 (var. Dolomite) ? syn. Magnesite
- Gismondine, Abrazite, or Zeagonite, Al. K. & Na. hyd. sil. B.M. 47
- Glagerite (Halloysite), Al. hyd. sil. B.M. 46
- Glaserite, Aphthitalite, or Arcanite, K. & Na. sulphate. B.M. 54
- Glassy Actinolite (Tremolite—Hornblende), Mg. Ca. &c. sil.
- Glassy Asbestos (Asbestos—Actinolite), Mg. Ca. &c. sil.
- Glassy Felspar, or Sanidin, (Orthoclase), Al. sil. B.M. 45
- Glanbapatite (Apatite), Ca. phosphate. B.M. 59
- Glauber Salt, Na. hyd. sulphate
- Glauber Salt Water (Mineral Water) H. oxide, with Na. sulphate in solution
- Glauberite, Na. & Ca. sulphate. 54
- Glaucodote (Mispickel), Fe. & Co. sulphoarsenide. B.M. 10
- Glaucolite (Scapolite), Al. sil. 43
- Glaucosite, Al. sil. ?
- Glaucophane, Fe. Al. Mg. & Ca. sil. ? Wichtyne
- Glinkite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
- Globular Quartz (Quartz), Si. oxide
- Glockerite, Fe. sulphate. *Wat's*
- Glossecollite (Halloysite), Al. hyd. sil. B.M. 46
- Glottalite (Analcime), Al. hyd. sil. B.M. 48
- Glottalite (Chabasite), Al. hyd. sil. ?
- Gmelinite, Hydrolite, Sarcosite of *Thom.*, or Soda Chabasite, Al. hyd. sil. B.M. 48
- Gökumite (Idocrase), Ca. & Al. sil. B.M. 42
- Gold native, Au. & Ag. B.M. 2
- Congylite (Eudnophite-Analcime), Al. hyd. sil. B.M. 48
- Goshenite (Beryl), Al. sil. B.M. 46

- Goslarite, or Zinc Vitriol, Zn. hyd. sulphate. B.M. 55
 Gossan, Fe. oxide, &c. (Cornish.)
 Göthite, Brown Hematite, Brown Iron Ore, or Limnite, Fe. hydrated sesquioxide
 Goutte de Sang (Spinel), Al. &c. oxide
 Gouttes d'eau (Topaz), Al. fluosilicate
 Grain Gold (Gold), Au. & Ag.
 Gramenite (Pinguite—Nontronite), Fe. hyd. sil. B.M. 46
 Grammatite (Tremolite-Hornblende) Mg. Ca. &c. sil.
 Granular Boulangerite (Boulangerite), Pb. & Sb. sulphide
 Granular Dolomite (Dolomite), Ca. & Mg. carb.
 Granular Gypsum (Gypsum), Ca. hyd. sulphate
 Granular Heavy Spar (Barytes), Ba. sulphate
 Granular Marble (Calcite), Ca. carb.
 Granular Quartz (Jaspery-Quartz), Si. oxide. B.M. 23
 Graphic Granite, or Pegmatite (Orthoclase), Al. sil. B.M. 45
 Graphit Schaumartiger Wad (Wad), Mn. hyd. oxide
 Graphite, Plumbago, or Black Lead, C. with Fe. &c. B.M. 3
 Graugiltigerz (Tetrahedrite), Cu. &c. sulphide
 Gray Silver Ore (Pyrargyrite), Ag. & Sb. sulphide
 Greasy Quartz (Milky-Quartz), Si. oxide
 Green Avanturine (Avanturine-Quartz), Si. oxide
 Green Calamine (Aurichalcite), Zn., &c., hyd. carb.
 Green Coccolite (Pyroxene), Mg. sil.
 Green Diallage (Amianthus), Mg. Ca. &c. sil.
 Green Earth (Augite—Pyroxene), Mg. &c. sil. B.M. 37
 Green Iron Ore (Dufrenite), Fe. hyd. phosphate
 Green Lead Ore, Pb. arseniophosphate with Pb. chloride, (*Watts*) ? Mimetite
 Green Lithomarge, (Lithomarge), Al. K. Fe. Mg. & Ca. hyd. sil.
 Green Malacolite (Pyroxene), Mg. &c. sil.
 Greenlandite (Columbite), Fe. tantalate
 Greenlandite (Precious Garnet) Al. Mg. &c. sil. & Fe. oxide
 Greenockite, Cd. sulphide. B.M. 7
 Greenovite (Sphene), Ti. & Ca. sil. B.M. 51
 Grengesite (Chlorite), Mg. & Al. hyd. sil. B.M. 50
 Gropkite, Al. & Mg. hyd. sil. 47
 Grosoilite (Wad), Mn. oxide, ? hyd.
 Grossularite, Grossular, or Glossular (Garnet), Al. Ca. &c. sil. B.M. 42
 Grünanite, Ni. & Bi. sulphide. 12
 Grünerite, (Hedenbergite), Fe. Mg. &c. sil. B.M. 37.
 Guano, Ca. & Mg. hyd. phosphate, with Ca. carb.
 Guarinite, (Keilhauite), Ca. silicotitanate (*Watts*). B.M. 52
 Gummierz (Pitchblende), U. Ca. &c. hyd. oxide
 Gurhofite (Dolomite), Ca. & Mg. carbonate. B.M. 32
 Guyacanite (Enargite), Cu. arsenio-sulphide
 Guyaguillite (Resin), C. hydrated Gypsum, Ca. hyd. sulphate. B.M. 55 (syn *Selenite*)
 Gyrasol of *Kirwan* (Oriental Sapphire—Corundum), Al. oxide
 Gyrolite, Gurolite, or Gurholite, Ca. hyd. sil. B.M. 39
 Hacked Quartz (Quartz), Si. oxide. B.M. 23
 Hafnefjordite, or Hafrefjordite, (Oligoclase), Al. sil. B.M. 44
 Hardingerite, Ca. hyd. arsenate. B.M. 57
 Hair Nickel
 Hail, (Water), H. oxide with Ammonia &c. frozen
 Hair, Nickel
 Hairsalt (Alum), Al. hyd. sulphate, B.M. 56
 Hallite (Websterite), Al. hyd. sulphate
 Halloysite, Al. &c., hyd. ne B.M. 46

1884

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- Halloysite of St. Jean-de-Cole, (Nontronite), Fe. Ca. Mg. Na. &c. hyd. sil.
 Halotrichite (Alum), Al. Fe. &c. hyd. sulphate. B.M. 56
 Hampshireite (Steatite — Talc), Mg. hyd. sil.
 Hard Fahlnite (Fahlnite— Iolite), Al. sil.
 Hard Pimelite (Pimelite), Ni. hyd. sil.
 Hard Water H. oxide with much salts of Ca. & Mg.
 Harmotome, Andreolite, or Cross Stone, Al. Ba. & K. hyd. sil. B.M. 48
 Harringtonite, (Mesolite), Al. hyd. sil. B.M. 47
 Harrisite, or Cubic Copper Glance, Cu. sulphide, B.M. 5
 Hartine (Resin), C. hydrated ? Hartite.
 Hartite (Resin), C. hydrated 60b.
 Hatchettine (Resin), C. hydrated. B.M. 60b.
 Hauerite, Mn. bisulphide, B.M. 8
 Hausmannite, or Black Manganese, Mn. hyd. protoxide B.M. 16
 Häuyné, Al. & Na. sil. B.M. 51
 Häuynophyr, lava of Melfi, containing Häuyné & Augite
 Haydenite (Chabasite), Al. & Ca. hyd. sil. B.M. 48
 Hayesine, Ca. hyd. borate. B.M. 56
 Hayesite, Ca. borate
 Haytorite, (Jaspery Quartz), Si. oxide. B.M. 24
 Hebetine (Willemite), Zn. sil.
 Heddlite, K. native oxalate
 Hedenbergite (Pyroxene ?), Mg. &c. sil. E.M. 37. (species).
 Hedgehogstone (Limonite), Fe. hyd. oxide
 Hedyphane (Mimetesite), Pb. arseniochloride, B.M. 60 (species)
 Heliotrope, or Bloodstone (Jaspery Quartz), Si. oxide, B.M. 24
 Helminth, (Chlorite), Mg. & Al. hyd. sil.
 Helmintholite (Limestone), Ca. carb. Helvine, or Tetrahedral Garnet, Al. Be. Fe. & Mn. sil. B.M. 50
 Hematite, Hoematite, or Red Iron Ore, Fe. sesquioxide, B.M. 17, 18.
 Hepatic Blende (Blende), Zn. sulphide
 Hepatic Cinnabar (Cinnabar), Hg. sulphide. B.M. 7
 Hepatic Pyrites, (Marcasite), Fe. sulphide
 Hepatinerz, (Chrysocolla), Cu. hyd. sil.
 Hepatite (Barytes), Ba. sulphate. B.M. 55
 Hercinite, or Hercine, (Spinel), Fe. & Mg. oxide. B.M. 16
 Herderite, Al. phosphate, & Ca. phosphate & fluoride) (Watts)
 Herrerite, of Genth, Zn. & Cu. carb
 Herrerite, of Herrera, Te. & Ni. carb. (Watts)
 Herschelite, Al. Na. K. & Ca. hyd. sil. B.M. 48
 Hessite, or Telluric Silver, Ag. telluride, B.M. 5. (syn. Petzite).
 Heterocline, Heterochine or Marcelline (Rhodonite), Mn. Fe. &c. sil. B.M. 38
 Heteromerite (Idocrase), Ca. & Al. sil.
 Heteromorphite, Plumosite, or Zundererz, Pb. antimony sulphide B.M. 12 (species)
 Heterosite, or Hetepozite. Fe. & Mn. hyd. phosphate B.M. 57 (? altered Triphylline).
 Heulandite Al. & Ca. hyd. sil. 49.
 Hexagonal Palladium, Pd.
 Hercine (Resin), C. hydrated
 Hisingerite, Fe. hyd. sil. B.M. 50.
 Hislopite (Calcite), Ca. carb. 31
 Hitchcockite (Plumbosininite), Pb. hyd. aluminophosphate with Zn. oxide, B.M. 58
 Hjelmite, Fe. & Y. tantalate. ?
 Hornesite, or Hoërnisite, Mg. hyd. arsenate
 Holmesite, (Clintonite), Al. & Mg. hyd. sil. B.M. 49. (syn. Clintonite)

- Homocline, or Homichline, Cu. & Fe. sulphide. B.M. 12 (syn. Barnhardtite)
- Hoo Coal (Cannel Coal). C. oxy-hydride.
- Hopeite, Zn. & Cd. hyd. phosphate
- Horncobalt (Erythrine), Co. hyd. arsenate.
- Hornblende, Amphibole or Amphibolite, Mg. Ca. &c. sil. B.M. 37.
- Hornesite, Mg. hyd. arsenate, 57
- Hornstone (Quartz), Si. oxide. 23
- Houghite (Völknerite), Mg. hyd. aluminocarbonate. B.M. 16
- Hovite, Al. & Ca. hyd. carb. with Collyrite. (*Watts*)
- Howardite (Meteorite), Fe. &c.
- Hudsonite (Augite — Pyroxene), Mg. &c. sil. B.M. 37
- Humboldtite, Somervillite of *Brooke*, or *Zurlite*, Ca. Al. Mg. Na. &c. sil. B.M. 42
- Humite, Mg. &c. sil. with F. 36
- Hunterite, Al. &c. sil.
- Hureaulite (Triplite altered form), Fe. & Mn. hyd. phosphate, B.M. 57. (*species*)
- Huronite, Al. Ca. &c. hyd. sil. 50
- Hversalt, (Alum), Al. Fe. &c. hyd. sulphate. B.M. 56
- Hyacinth, or Jargon, (Zircon), Zr. sil. B.M. 20
- Hyalite, (Opal), Si. hyd. oxide. 25
- Hyalomelane (Tachylite), Al. & Fe. sil.
- Hyalophane, Al. Ba. & K. sil. 44
- Hyalosiderite (Chrysolite), Mg. Fe. &c. sil. B.M. 36 (*species*)
- Hyblite (Pseudomorph after Augite), Fe. hyd. sil.
- Hydrated Calcium Aluminophosphate, Ca. & Al. hyd. phosphate (*Church*)
- Hydrated Cereous Phosphate, Ce. hyd. phosphate (*Church*)
- Hydrargillite (Gibbsite), Al. native hydrate, B.M. 19 (*species*)
- Hydraulic Limestone (Calcite), Ca. carb.
- Hydroapatite (like Chalcedony), Ca. hyd. phosphate, & F.
- Hydroboracite, Ca. & Mg. hyd. borate. B.M. 56
- Hydrobucholzite (Bucholzite—Sillimanite), Al. sil. ? altered Kyanite, B.M. 41
- Hydrocalcite, Ca. &c. hyd. carb.
- Hydrochlore (Pyrochlore), Ca. Ce. &c. niobate & titanate, with water
- Hydrodolomite (Hydromagnocalcite) Ca. & Mg. hyd. carb. B.M. 34
- Hydrohalite, Na. hyd. chloride
- Hydrohematite, Fe. hyd. oxide
- Hydromagnesite, Mg. hyd. carb. 34
- Hydromagnocalcite, Mg. & Ca. hyd. carb. B.M. 34
- Hydronickelmagnesite, or Pennite (Hydromagnocalcite), Mg. & Ca. hyd. carb. with Ni.
- Hydrophilite, Ca. hyd. chloride
- Hydrophane (Opal), Si. hyd. oxide. B.M. 25
- Hydrophite, Iron Gymnite, or Jenkinsite, Mg. & Fe. hyd. sil. 40
- Hydropite, Mn. sil. & oxide
- Hydrosilicate (Augite—Pyroxene), Mg. Ca. Al. &c. hyd. sil.
- Hydrosteatite, (Steatite—Talc), Mg. hyd. sil. B.M. 39
- Hydrotalcite (Völknerite), Mg. hyd. aluminocarbonate
- Hydrous Anthophyllite (altered Tremolite), Mg. hyd. sil. B.M. 36
- Hydrous Pyrites (Marcasite), Fe. hyd. sulphide
- Hypargyrite (Miargyrite), Ag. & Sb. sulphide. B.M. 12
- Hypersthene, or Labrador Hornblende (Pyroxene), Mg. &c. sil. ? Labradorite with Diallage. 39.
- Hypochlorite, Bi. Al. & Fe. silicophosphate. B.M. 50
- Hyposclerite (Albite), Al. & Na. sil. B.M. 45
- Hypostilbite, Al. & Ca. hyd. sil. (? hydrated Lime-Oligoclase).
- Hyposulphite of Magnesia (Meteorite), Mg. &c. hyposulphite
- Hyposulphite of Soda (Meteorite) Na. &c. hyposulphite
- Hypoxanthite, Fe. sil.
- Hystatite (Ilmenite), Fe. titanate 18

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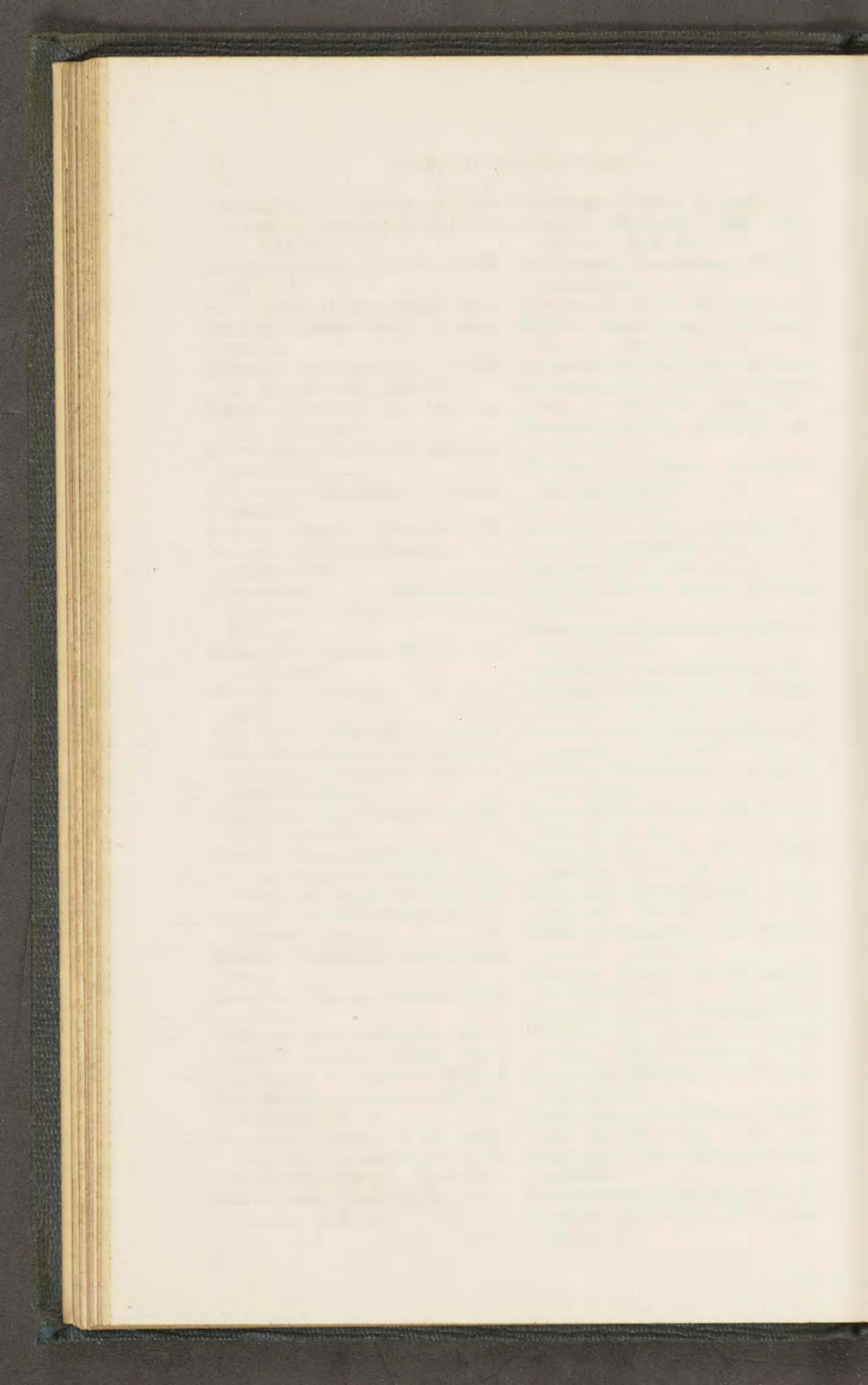
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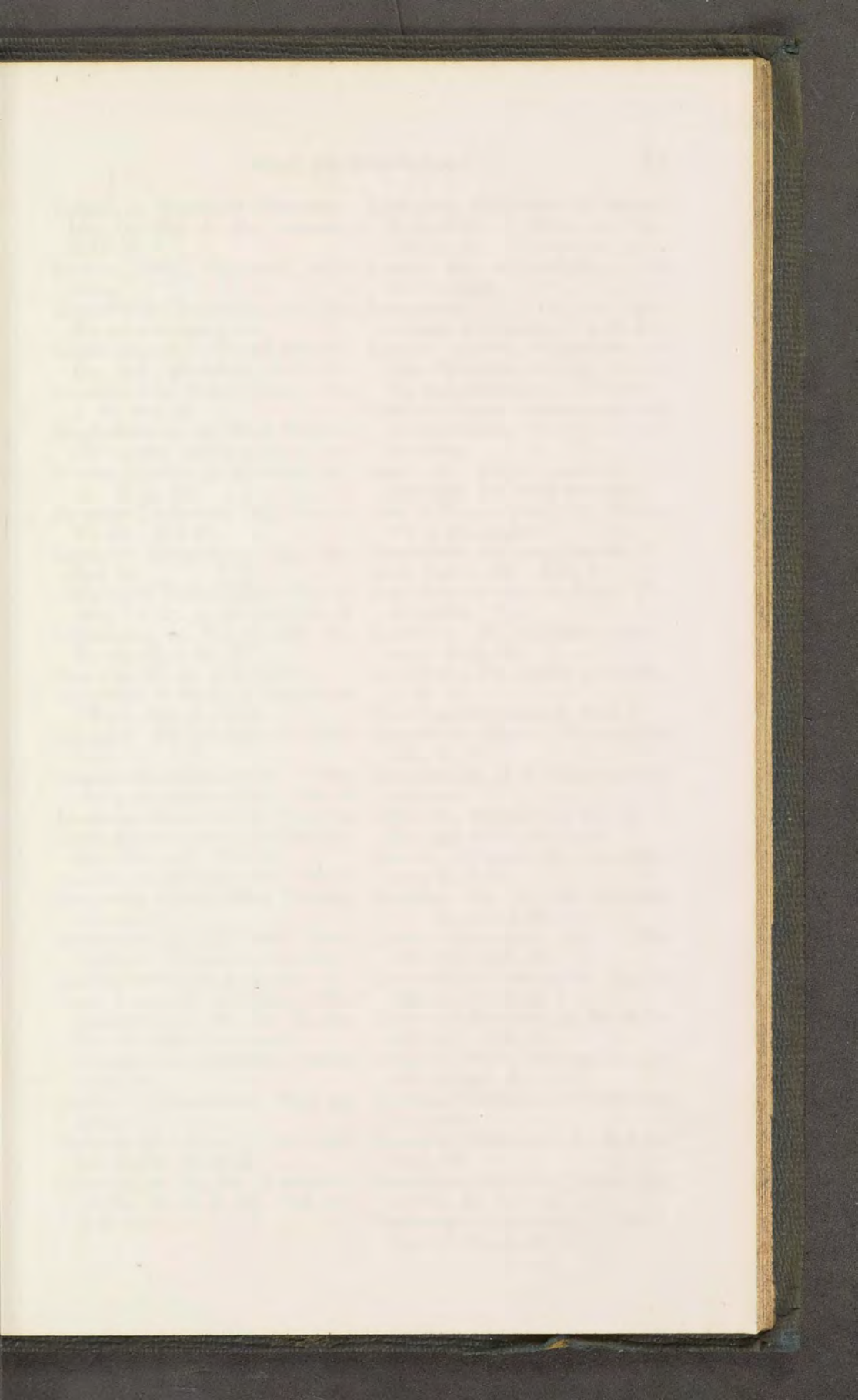
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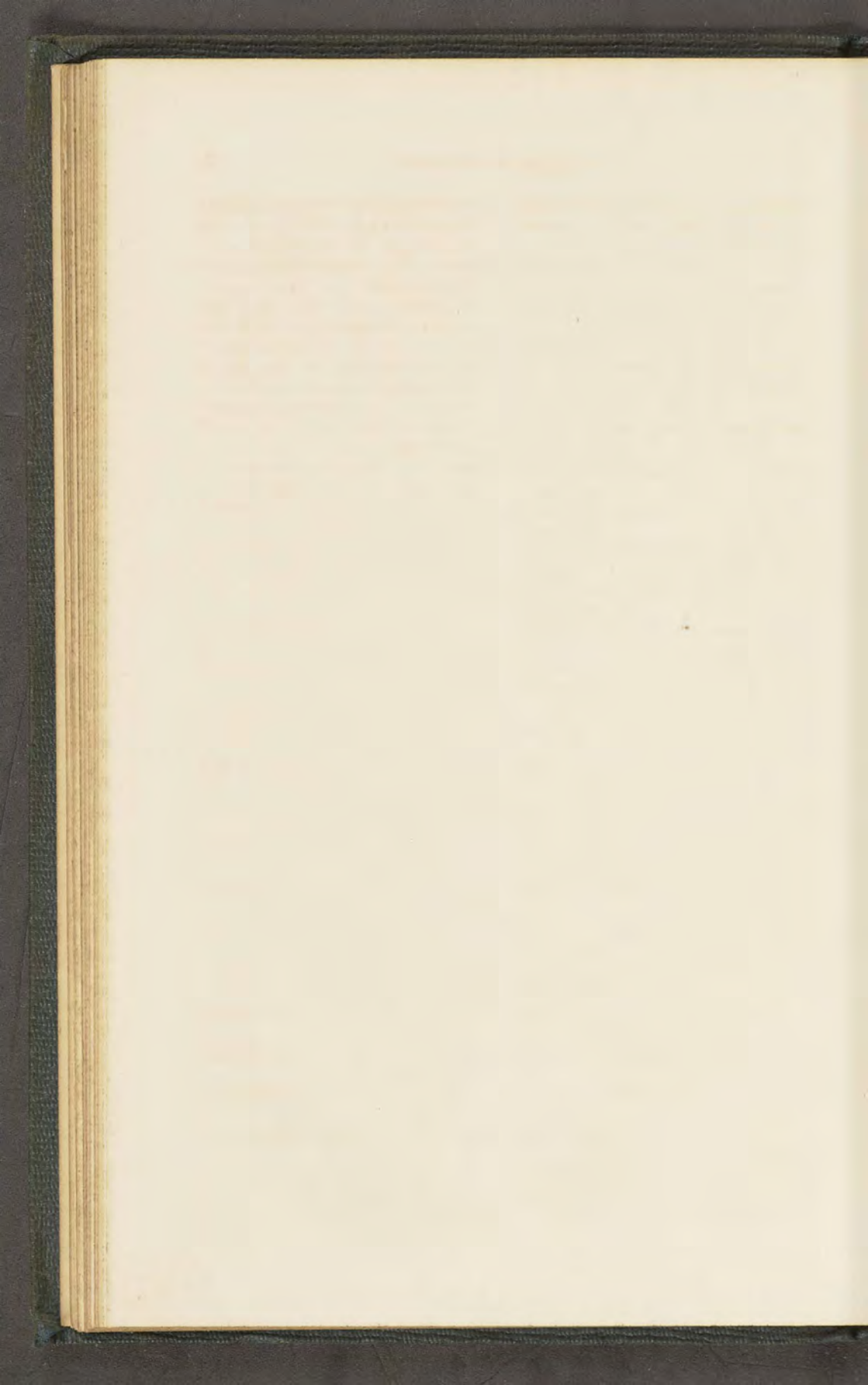
1900

- Hystatque, Ca. carb.
 Iberite, (altered Iolite), Al. Fe. &c. hyd. sil.
 Ice, H. peroxide with organic and other impurities, frozen
 Ice Spar, (Orthoclase), Al. sil.
 Iceland Spar, (Calcite), Ca. carb. 29
 Ichthyophthalmite, or Fish eye-Stone (Apophyllite), Ca. hyd. sil. B.M. 39
 Idocrase, Vesuvian, or Pyramidal Garnet, Al. Ca. &c. sil. B.M. 42
 Idrialite, or Idrioline (Resin), C. hydrated. B.M. 60 B.
 Idrialine Cinnabar (Cinnabar), Hg. sulphide
 Idryl, of *Bödeker*, C. hydrated
 Iglesiasite (Cerussite), Pb. carb. 28
 Ildefonsite (Columbite), Fe. & Mn. niöbite
 Ilmenite, Basanomeane, or Titaniferous Iron, Fe. titanate, B.M. 18
 Ilmenorutile (Rutile), Ti. oxide
 Imatra Stones, Ca. Al. &c. sil.
 Indianite (Anorthite), Al. Ca. &c. sil. B.M. 44
 Indian Red, Fe. &c. sil.
 Indian Topaz, (Topaz), Al. fluo-silicate
 Indicolite (Tourmaline), Al. sil. 50
 Indurated Talc, Mg. hyd. sil.
 Inolyte (Resin), C. hydrated
 Iodolite (Meteorite), Fe. &c.
 Iodyrite, Iodic Silver, or Iodite, Ag. iodide, B.M. 13
 Iolite, Cordierite, Dichroite, Polychroite, Steinheilite, or Peliom, Al. Mg. Fe. &c. sil. B.M. 43 (*Dichroite*)
 Iolite Hydrous, (Iolite), Al. &c. hyd. sil.
 Iridescent Anthracite (Anthracite) C.
 Iridosmine, or Osm-Iridium. Ir. Os. Ru. Ro. &c. B.M. 3
 Irite, Ir. Os. Fe. & Cr. oxides (*Watts*), B.M. 16
 Iron-Alum (Alum), Al. Fe. &c. sulphate
 Iron-black-Bournonit ?, (Bournonite) Pb. Cu. & Sb. sulphide
 Iron, carbonophosphate of, *Thom.* Fe. carb.
 Iron Earth, Fe. oxide
 Iron Flint (Quartz), Si. oxide
 Iron Froth, (Hematite), Fe. oxide. B.M. 17
 Iron Glance (Specular Iron Ore—Hematite), Fe. oxide, B.M. 18
 Iron Magnesia Carbonate, of *Thom.* Fe. carb. &c.
 Iron Mica (Micaceous Iron—Hematite), Fe. oxide
 Iron Native, Fe.
 Iron Natrolite (Natrolite), Al. & Na. hyd. sil. &c.
 Iron Ochre (Limonite) Fe. hyd. oxide. B.M. 17
 Iron Phosphate of *Thom.* , Fe. & Mn. phosphate ?
 Iron-sand Ore, Fe. sil. ?
 Ironshot Copper Green (Chrysocolla), Cu. hyd. sil.
 Iserine, Fe. titanate. B.M. 16
 Isopyre, Fe. alumino-silicate. 43
 Itaberite, (Hematite), Fe. oxide
 Itacolumite (Granular Quartz), Si. oxide
 Ittnerite, Al. Ca. &c. hyd. sil. with Na. chloride & Ca. sulphate. 51
 Ivaarite or Iwaarite, (Schorlomite), Ca. Fe. &c. silico-titanate. 52
 Ixiolite (Tantalite), Fe. tantalate with Sn. & Mn.
 Ixolyte (Resin), C. hydrated. 60 B.
 Jacksonite, Ca. & Al. hyd. sil. 47
 Jalpaite, Ag. & Cu. sulphide
 Jamesonite, Pb. antimon-sulphide, B.M. 12
 Jargionite, Pb. antimon-sulphide
 Jargoon, (Zircon), Zr. sil. B.M. 20 (*syn. Hyacinth*)
 Jarosite, Fe. K. &c. hyd. sulphate, B.M. 56
 Jasper (Quartz), Si. oxide. 23
 Jasper Agate (Agate) Si. oxide
 Jasper Opal (Opal), Si. hyd. oxide. B.M. 26
 Jaspersy Iron Ore (Hematite), Fe. oxide
 Jaulingite (Resin), C. hydrated
 Jeffersonite (Hedenbergite-pyroxene), Ca. Fe. Mg. Mn. & *Zn.* sil. B.M. 37

- Jefreinowite, Jefreinoffite or Jewreinowite, (Idocrase), Ca. Al. &c. sil. B.M. 43
 Jellelite (Garnet), Al. Fe. & Ca. sil. ?
 Jet (Lignite), C. oxy-hydride. 60A
 Jet Coal (Cannel Coal), C. oxy-hydride
 Johannite, or Uranvitriol, U. Cu. &c. hyd. sulphate, B.M. 56
 Johnite (Turquoise), Al. Cu. &c. hyd. phosphate
 Johnstonite, (Galena), Pb. sulphide, with free S.
 Junckerite (Chalybite), Fe. carb. (*Ansted*)
 Juvenas Meteorite (Meteorite), Fe.
 Kabook of Ceylon (Hematite), Fe. oxide (*Ure*)
 Köemmererite, or Rhodochrome (Pennine), Al. Mg. &c. hyd. sil. B.M. 49
 Kakachlor (Asbolan-Wad), Mn. hyd. oxide
 Kaliphite (Limonite), Fe. hyd. oxide
 Kaliptolite of *Shepard*. ? Garnet.
 Kampylite (Mimetesite), Pb. arseniochloride & phosphate. B.M. 60. (*syn. Mimetesite*)
 Kalkvolbörthite (Völborthite), Cu. & Ca. vanadate
 Kaneite, Mn. arsenide. B.M. 4
 Kaolin, China or Porcelain Clay (Clay), Al. &c. hyd. sil. B.M. 46
 Kapnicite, or Felsöbanyte, Al. hyd. sulphate, B.M. 56
 Kapnite (Calamine) Zn. Fe. & Mn. carb.
 Karelinitite, Bi. oxy-sulphide & Ag. telluride
 Keilhanite, or Yttrotitanite, Ca. Y. Fe. Al. &c. silico-titanate. 52
 Kenngottite, Ag. sulphide. B.M. 12
 Keramohalite (Alunogen), Al. hyd. sulphate, B.M. 56
 Kermosite, Kermes, or Red Antimony, Sb. oxy-sulphide, B.M. 26
 Kerolite, Mg. hyd. sil. B.M. 50
 Kibdelophane (Ilmenite), Fe. & Mn. titanate. B.M. 18
 Kieselghur (Tripoli), Si, oxide ?
 Kieserite (Epsomite), Mg. hyd. sulphate. B.M. 53
 Kilbrickenite (Geocronite), Pb. antimonosulphide
 Killinite, Al. K. Fe. &c. hyd. sil.
 Killinite, (Spodumene)?, Al. Li. & Na. sil. B.M. 37, ?
 Kilpatrick Quartz of *Thom*. Si. oxide
 Kimitotantalite, or Ixiolyte (Tantalite), Fe. tantalate. B.M. 57
 Kimmeridge Shale (Bitumen), C. hydrated ?
 Kinzigite of *Fischer*, ? Garnet, Mica & Oligoclase
 Kir, C. hydrated
 Kirwanite, Fe. Ca. & Al. hyd. sil. (? var. Greenerth), B.M. 50
 Knebelite, Mn. & Fe. sil.
 Kobellite, Pb. Sb. & Bi. sulphide. B.M. 12
 Kokscharovite (Hornblende), Mg. &c. sil. B.M. 38
 Konarite, Ni. hyd. phosphate. 58
 Königine (Brochantite), Cu. hyd. sulphate. B.M. 56
 Könlite, or Könleinite, (Resin), C. hydrated. B.M. 60B
 Koodilite (Thomsonite), Al. Ca. & Na. hyd. sil.
 Koreite (Labradorite), Al. Fe. Ca. Mg. & hyd. sil.
 Köttigite, Zn. Co. & Ni. hyd. arsenate. B.M. 57
 Koupholite, (Prehnite), Al. & Ca. hyd. sil. B.M. 47
 Krablite (Orthoclase), Al. Na. Fe. &c. sil. B.M. 45.
 Krantzite (Resin), C. hydrated ? B.M. 60B
 Kraurite, or Green Ironstone (Dufrenite), Fe & Mn. hyd. phosphate. B.M. 58. (*species.*)
 Kremersite (Sylvine), Fe. K. &c. hyd. chloride
 Kreittonite, or Black Spinel (Spinel) Al. Zn. Fe. & Mg. oxide. 16
 Krisuvigite, (Brochantite), Cu. hyd. sulphate
 Kroeberite Fe. subsulphide, with Co.
 Krokalite, (Natrolite), Al. & Na. hyd. sil.







- Kuhnite, or Magnesian Pharmaco-
lite, Ca. Mg. & Mn. arsenate,
B.M. 57
- Kunker, (Tufa), Ca. carb. with
silica.
- Kupferblende (Tennantite), Cu. Zn.
Fe. &c. arseniosulphide
- Kupferdiaspore (Phosphocalcite),
Cu. hyd. phosphate, B.M. 38.
- Kupferpecherz (Chrysocolla), Cu.
& Fe. hyd. sil.
- Kupferchwärze or Black Copper,
(Melaconite ?), Cu. oxide, impure
- Kyanite, Cyanite, or Disthene, Al.
sil. B.M. 41.
- Kymatine (Asbestos), Mg. Ca. &
Fe. sil. B.M. 37.
- Kypholite (Serpentine), Mg. &c.
hyd. sil.
- Kyrosite, or White Copper, (Marca-
site), Fe. Cu. & As. sulphide. 8
- Labradorite, or Morcite, Al. Ca.
Na. &c. sil. B.M. 44
- Lagonite, Fe. &c. hyd. borate
- Lampadite or Cupreous Manganese
(Wad), Mn. & Cu. sil.
- Lanarkite, Pb. sulphato-carbonate.
B.M. 56
- Lancasterite, Mg. &c. carb. (? Bru-
cite & Hydromagnesite). B.M. 34
- Landscape Jasper (Jasper) Si. oxide
- Landscape or Cotham Marble (Cal-
cite), Ca. carb. B.M. 31
- Langite, Cu. hyd. sulphate, B.M. 56
- Languedoc Marble (Shell Marble),
Ca. carb.
- Lanthanite, La. & Di. carb. ? hyd.
B.M. 34. (Formerly, Co. carb.)
- Lanthanocerite, Ce. & La. hyd. sil.
- Lapis Lazuli. Azure Stone, or Ul-
tramarine, Al. Na. Ca. Fe. &c.
hyd. sil. with sulphuric acid
- Larderellite, Ammonia hyd. borate,
B.M. 56
- Lardite, (Agalmatolite), Mg. &c.
hyd. sil.
- Lasionite (Wavellite), Al. &c. hyd.
phosphate. B.M. 58
- Latrobite, or Diploite, (Anorthite),
Al. Ca. K. Fe. & Mg. hyd. sil.
B.M. 44
- Laumonite, *Ædelforsite* of *Relzius*,
Hypostilbite of *Mallet*, or Lau-
montite, Al. & Ca. hyd. sil. 48
- Laurite, Ru. sesquisulphide, with
Os. sulphide
- Lavendulane, Co. Cu. Ca. hyd.
arsenate & sulphate ? B.M. 57
- Lazulite, Azurite, Klaprothine, or
Blue Malachite, Al. Mg. Fe. &
Ca. hyd. phosphate. B.M. 58
- Lead and Copper chromo-phosphate
(Vanuelinite), Pb. Cu. & P.
chromate
- Lead & Copper vanadate of
Domeyko, Pb. & Cu. vanadate
- Lead & Zinc, sulphide of *D. Forbes*,
Pb. & Zn. sulphide
- Lead Earth, Pb. carb., impure ?
- Lead, Native, Pb. B.M. 2
- Lead Trismolybdate of *Thom.* Pb.
molybdate ?
- Leadhillite, Pb. sulphato-tricarbo-
nate, B.M. 56
- Lead Ochre, Pb. native protoxide,
B.M. 15
- Lead Oxychloriodide, *D. Forbes*
- Leberblende (Blende), Zn. sulphide
with C. ?
- Lecontite, Na. K. & Ammonia, hyd.
sulphate
- Ledererite, (Gmelinite), Al. Ca. &
Na. hyd. silico-phosphate
- Lederite (Sphene), Ca. silico-tita-
nate, B.M. 51
- Leedsite, Ca. & Ba. sulphate,
(? Gypsum & Barytes)
- Leelite (Orthoclase), Al. & Mn.
hyd. sil. B.M. 45
- Lerbachite, or Lehrbachite, Hg. &
Pb. selenide. B.M. 8
- Lehrantite (Natrolite), Al. Na. & Ca.
hyd. sil. B.M. 47
- Lemnian Reddle (Sphragide), Al.
Fe. &c. hyd. sil.
- Lenticular Clay Iron-ore (Hematite),
Fe. oxide
- Lenzinite (Halloysite), Al. hyd. sil.
B.M. 46
- Lenzinite of *Salvetat.* (Brown Len-
zinite), Al. hyd. sil.
- Leonhardite (Laumontite), Al. &
Ca. hyd. sil., B.M. 48

- Leonine (Agate), Si. oxide
 Leopardite or Leopard Stone (Orthoclase), Al. sil. with Fe. & Mn. oxide. B.M. 45
 Lepidochlore (Ripidolite), Mg. &c. hyd. sil.; ? impure Chlorite
 Lepidokrokite (Göthite), Fe. & Mn. hyd. oxide. B.M. 18
 Lepidolite or Lithia Mica, (Mica), Al. Fe. Ca. & Li. hydro-fluo-silicate. B.M. 44
 Lepidomelane, or Black Iron Mica, (Mica), Al. Fe. Ca. &c. hyd. sil.
 Lepolite (Amphodilite-Anorthite), Al. Ca. Mg. &c. sil. B.M. 44
 Lettsomite, or Velvet Copper, Cu. Al. &c. hyd. sulphate. B.M. 56
 Leuchtenbergite (Pennine), Mg. Al. & Fe. hyd. sil. B.M. 50
 ? var. Chlorite.
 Leucite, or Amphigene, Al. & K. sil. B.M. 44
 Leuco-Garnet (Garnet), Al. &c. sil.
 Leucophane, Ca. Be. Na. &c. fluo-silicate. B.M. 36
 Leucopterin (Lignite resin), C. hydrated ?
 Leucopyrite, Fe. arsenide & S.
 Leutrite (Marl), Al. hyd. sil.
 Levyne (Chabasite), Al. Ca. K. & Na. hyd. sil. B.M. 48.
 Lherzolyte (Sahlite — Pyroxene), Mg. &c. sil.
 Liebigite, U. & Ca. hyd. carb. 34
 Liebnerite, or Liebenerite, (Iolite), Al. K. &c. hyd. (?) sil. B.M. 43. (var. Dichroite)
 Lievrite, Ilvaite, Pitchy-Iron-ore, or Yenite, Fe. Ca. &c. sil. 43
 Light Gray Bournonite (Bournonite), Pb. Cu. & Sb. sulphide
 Lignite (Coal), C. oxy-hydride. B.M. 60A.
 Lignite Resin, C. hydrated
 Ligurite, Ca. Al. &c. sil.
 Lillite (Hisingerite), Fe. hyd. sil. 50.
 Limbelite (Chrysolite), Mg. &c. sil. B.M. 36 (var. Olivine)
 Limestone (Calcite), Ca. carb.
 Lime Vanadate, Ca. vanadate. 53
 Limonite, or Hydrosiderite, Fe. & Si. hyd. oxide. B.M. 19
 Linarite, or Cupreous Anglesite, Pb. cupreous hyd. sulphate, B.M. 56
 Lincolnite, (Heulandite), Al. Ca. &c. hyd. sil.
 Lindackerite, Cu. & Ni. &c. hyd. arsenate B.M. 60
 Linuceite, or Siegenite, Co. Cu. & Fe. sulphide. B.M. 10
 Linsayite or Linseite, (Amphodolite), Al. Fe. Mg. K. & Na. hyd. sil. B.M. 44.
 Liqurite (Sphene), Ca. silico-titanate
 Liroconite, or Chalcophacite, Cu. Al. &c. hyd. phosphate & arsenate B.M. 59
 Lithomarge (Kaolin), Al. hyd. sil. B.M. 46
 Loam (Clay), Al. &c. hyd. sil.
 Loboite (Idocrase), Ca. Al. Fe. &c. sil. B.M. 42
 Lodulite (Orthoclase), Al. sil.
 Löewigite, Al. & K. hyd. sulphate ?
 Loganite (Pyrosclerite), Mg. Al. & Fe. hyd. silico-carbonate ?
 Löltingite, Fe. arsenide. B.M. 4
 Lonchidite (Marcasite), Fe. Cu. Co. Pb. & As. sulphide. B.M. 8
 Lophoite (Ripidolite), Mg. Al. & Fe. hyd. sil. B.M. 49
 Lotalite (Hornblende ?) Mg. Ca. &c. sil.
 Löweite, Löveite, or Lœweite, Mg. & Na. hyd. sulphate. B.M. 55
 Lucullite (Limestone), Ca. carb.
 Loxoclase (Orthoclase), Al. Na. K. & Ca. hydrofluosilicate
 Lumachella, or Fire Marble (Shell Marble), Ca. carb. B.M. 31
 Lunnite (Phosphocalcite), Cu. hyd. phosphate. B.M. 50. (*syn.*)
 Luscite (Pyrargillite), Al. &c. sil.
 Lydian Stone, Basanite, Lydite, Black Chert, Phthamite (?), (Jaspery Quartz), Si. oxide. 23
 Madreporic Marble (Shell Marble), Ca. carb.
 Magnesia Alum (Alum), Al. Mg. &c. hyd. sulphate, B.M. 56 (*syn. Pickeringite*)
 Magnesia Garnet (Garnet), Al. Mg. &c. sil.

The first part of the book
 contains a list of the
 names of the authors
 who have written
 the various papers
 which are included
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The first part of the book
 contains a list of the
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 who have written
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 which are included
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 The second part
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The first part of the history is a general account of the state of the world at the beginning of the world. It is divided into three parts: the first part is a general account of the world at the beginning of the world; the second part is a general account of the world at the beginning of the world; the third part is a general account of the world at the beginning of the world.

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- Magnesia, potash silicate of, *Thom.*
 Mg. Ca. &c. sil.
 Magnesian carbonate of Lime (Cal-
 cite), Ca. & Mg. carb.
 Magnesian Iron Ore (Hematite), Fe.
 & Mg. oxide
 Magnesian Limestone (Dolomite),
 Ca. & Mg. carb. B.M. 32
 Magnesian Pharmacolite (Pharma-
 colite), Ca. & Mg. hyd. arsenate.
 B.M. 57 (*syn.*)
 Magnesite, Sepiolite, or Giobertite,
 Mg. hyd. carb. &c. B.M. 31
 Magnetite, Magnetic or Oxydulated
 Iron Ore, Fe. oxide, B.M. 16
 Magnetite titaniferous (Magnetite),
 Fe. & Ti. oxide
 Magnet Native, Fe.
 Magnoferrite, Fe. Mg. Cu. &c.
 oxide. B.M. 17
 Malachite, or Green Carbonate of
 Copper, Cu. hyd. carb. B.M. 35
 Malachite Lime, (Malachite), Cu.
 & Ca. hyd. carb. B.M. 35
 Malacolite (Diopside - Pyroxene),
 Mg. &c. sil. B.M. 36
 Malacone, Zr. hyd. silico-titanate,
 B.M. 20
 Malthacite (Halloysite), Al. Fe. &c.
 hyd. sil. B.M. 46
 Mancinite, Zn. sil.
 Mangan Amphibole (Rhodonite),
 Mn. Ca. & Mg. sil.
 Manganese Alum (Alum), Al. Mn.
 &c. hyd. sulphate. B.M. 56
 Manganese Black Silicate, Mn. hyd.
 sil. ?
 Manganomagnesia-alum (Alum),
 Al. Mn. & Mg. hyd. sulphate
 Manganese Blende, or Alabandite,
 Mn. sulphide. B.M. 6 (Alaban-
 dite)
 Mangan Epidote (Epidote), Al. Ca.
 & Mn. sil. B.M. 43.
 Manganese Idocrase (Idocrase), Al.
 Ca. & Mn. sil.
 Manganite, or Grey Manganese, Mn.
 hyd. sesquioxide. B.M. 18
 Manganocalcite, Mn. Ca. Mg. & Fe.
 carb. B.M. 28
 Manganopal Opal. Si. hyd. oxide
 Manganvitriol, Mn. sulphate
 Marasmolite (Marmatite—Blende)
 Zn. sulphide
 Marble, (Calcite), Ca. carb.
 Marcasite, cellular, hepatic, ra-
 diated, or white iron-pyrites,
 Fe. sulphide. B.M. 8
 Marcelline (Braunite), Mn. &c. oxide.
 ? B.M. 17
 Marekanite (Obsidian), Al. sil.
 B.M. 45
 Marcyllite, Cu. oxy-chloride
 Margarite, Diphanite, or Talcite,
 Al. Ca. K. Na. &c., hyd. sil.
 B.M. 49
 Margarodite or Potash Mica (Mica),
 Al. K. Fe. & Na. hyd. sil. 44
 Margode ? (*Bristow*)
 Marianglass (Transparent Gypsum)
 Ca. hyd. sulphate
 Mariatite (Blende), Zn. & Fe. sul-
 phide with Cd.
 Marionite (Zinc Bloom), Zn. hyd.
 carb.
 Marl (Clay), Al. hyd. sil.
 Marle (Calcite), Ca. carb. 31 ?
 Marmatite (Blende), Zn. sulphide. 5
 Marmolite (Serpentine), Mg. hyd.
 sil. B.M. 40
 Martinsite (Salt), Na. chloride. &
 Mg. sulphate. B.M. 13
 Martite, Fe. oxide
 Mascagnine, Ammonia sulphate.
 B.M. 54
 Masonite (Sismondine), Al. & Fe.
 hyd. sil. B.M. 49
 Massite (Diopside), Mg. &c. sil.
 Massive Boulangerite (Boulange-
 rite), Pb. & Sb. sulphide
 Massive Gehlenite (Mellite), Ca. sil.
 Massive Quartz (Quartz), Si. oxide.
 B.M. 23
 Matlockite, Pb. oxy-chloride. 15
 Mauilite (Labrodorite), Al. Ca. sil.
 Meadow Ore (Bog Iron-ore—Li-
 monite), Fe. hyd. oxide
 Medjidite (Uranochre), U. & Ca.
 hyd. sulphate, B.M. 56
 Meerscham, Mg. hyd. sil. B.M. 39
 Meerscham of *Sala* (Serpentine),
 Mg. hyd. sil.
 Meerscham of *Taberz* (Serpentine),
 Mg. hyd. sil.

- Megabromite, Ag. chlorobromide
 Meionite, Al. & Ca. sil. B.M. 43
 Melaconite, or Black Oxide of
 Copper, Cu. & Mn. oxide. 15
 Melanchlore (Dufrenite), Fe. & Mn.
 hyd. phosphate. B.M. 58
 Melanchyme (Resin), C. hydrated.
 B.M. 60. v.
 Melanhydrite (Palagonite), Al. Fe.
 Ca. & Mg. &c. sil. B.M. 50
 Melanite (Garnet), Al. Fe. Ca. &c.
 sil. B.M. 42
 Melanochroite, Phœnicite, or Phœ-
 nikochroite, Pb. sesquichromate, 53
 Melanolite (Hisingerite), Fe. Ca.
 &c., hyd. sil. B.M. 50
 Melaphyre (Pyroxene), Mg. &c. sil.
 Melinite, or Liver Opal (Opal), Si.
 hyd. oxide. B.M. 26
 Melinite, Al. hyd. sil. B.M. 46
 (*syn. Bole*) ?
 Melinophane, Ca. Al. Be. &c., sil.
 B.M. 36
 Mellilite (Humboldtite) Ca. Al.
 Fe. Mg. &c. sil. B.M. 42
 Mellite (Resin), C. hydrated
 Mellite, or Honeystone, Al. hyd.
 mellate. B.M. 60 v.
 Melopsite (Lythomarge), Al. hyd.
 sil. B.M. 46. (*var. Halloysite*)
 Melosark ?
 Menacannite (Ilemnite), Fe. titanate
 B.M. 18
 Mendipite, Pb. oxy-chloride. 15
 Meneghinite (Jamesonite), Pb. & Sb.
 sulphide. B.M. 11
 Mengite, or Ilmenite of *Brooke*, Fe.
 & Zr. titanate. B.M. 52
 Mercury Native, or Quicksilver, Hg.
 B.M. 3
 Merenosite Ni. sulphate
 Meroxene (Biotite), Al. Mg. Fe.
 K. &c., hyd. sil. B.M. 44
 Mesitine Spar (Brunnerite—Dolo-
 nite), Mg. Fe. & Ca. carb. 32
 Mesolite, or Lime & Soda Mesolite,
 Al. Ca. & Na. hyd. sil. B.M. 47
 Metachlorite, Fe. Al. &c. hyd. sil.
 Metalloidal Diallage (Hypersthene),
 Mg. &c. sil.
 Metaxite (Serpentine), Mg. hyd. sil.
 B.M. 40.
- Metaxorite, Al. Ca. & Fe. hyd. sil.
 Meteoric Dust Fe. Al. Ti. Mn. Ca.
 Mg. K. Na. & Cu. (*Watts.*)
 Meteoric Iron, Generally an alloy of
 Fe. Ni. Co. Cr. Cu. Mn. Sn. and
 sometimes C. Cl. P. S. &c.
 Meteorites, Ærolites, or Uranolites,
 Fe. Ni. &c. &c.
 Meteoric Mud, fell near Gotha in
 1815—gelatinous and smelt like
 S. & P. & quickly evaporated
 Meteoric Stones, chiefly mixtures of
 Olivine, Augite, Anorthite, Labra-
 dorite, &c. with, or without
 Meteoric Iron.
 Miargyrite, Ag. Sb. & Cu. sulphide.
 B.M. 12.
 Mica, Al. Mg. K. Fe. &c. sil. 44
 Micaceous Iron (Specular Iron-ore—
 Hematite), Fe. oxide.
 Michaelite (Siliceous Sinter—Opal),
 Si. hyd. oxide. B.M. 26.
 Microbromite, Ag. bromochloride.
 Microline, or Orthose (Orthoclase),
 Al. sil. B.M. 45.
 Microlite (Pyrochlore), Ca. Ce. U.
 &c. titano-niobite. B.M. 52
 Middletonite (Resin), C. hydrated.
 Miemite (Bitter Spar—Dolomite),
 Ca. & Mg. carb. B.M. 32.
 Miesite, or Brown Pyromorphite
 (Pyromorphite), Pb. phosphate,
 B.M. 60.
 Milk Opal (Opal), Si. hyd. oxide.
 Milky Quartz (Quartz), Si. oxide.
 B.M. 22.
 Millerite, Hair-Nickel or Capillary
 Pyrites, Ni. (Fe. & Cu.) sulphide.
 B.M. 8.
 Miloschin (Wolchonskoite), Al.
 Cr. &c. hyd. sil.
 Mimetesite, Mimetine, or Mimetite,
 Pb. arsenio-phosphate, B.M. 60.
 Mineral Carbon, or Mother of Coal
 (Coal), C.
 Mineral Charcoal. C. nearly pure
 Mineral Tar (Petroleum), C. hyd-
 rated.
 Mineral Water, H. oxide, containing
 various mineral substances, as Mg.
 K. Na. &c.

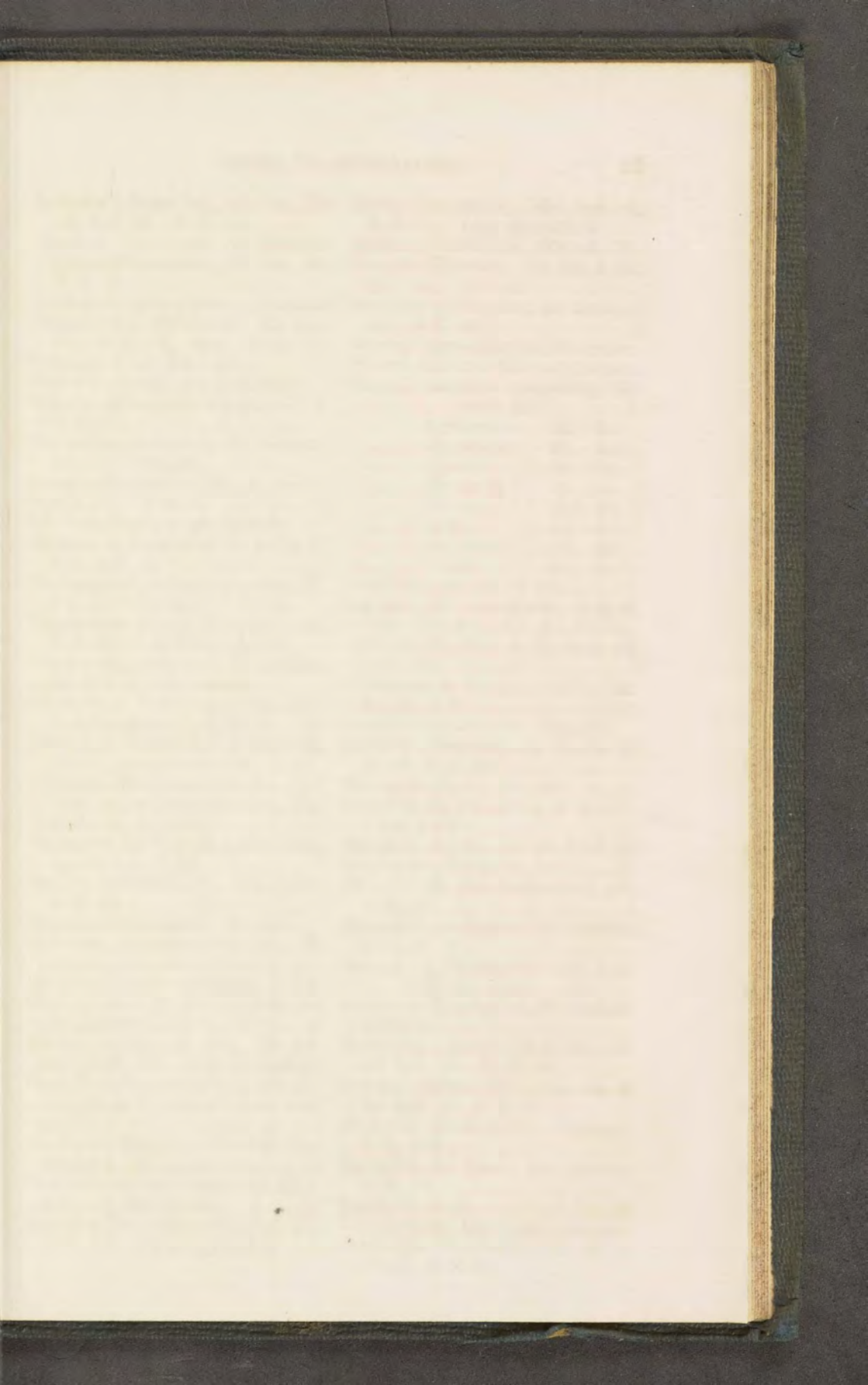
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[The main body of the page contains several paragraphs of text that are extremely faint and illegible due to the quality of the scan. The text appears to be organized into a list or series of entries, possibly with dates or numbers at the beginning of each line. The content is too light to transcribe accurately.]

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- Minium, or Red Lead, Pb. native oxide. B.M. 16.
- Miocene Pitch Coal (Lignite), C. oxy-hydride.
- Mirabilite (Glauber-Salt ?), Na. hyd. sulphate. B.M. 55 (*species*).
- Misenite, K. hyd. sulphate. B.M. 54.
- Mispickel, or Arsenical Pyrites, Fe. sulpho-arsenide. B.M. 10.
- Mispickel nickeliferous (Mispickel), Fe. & Ni. sulpho-arsenide
- Mist (Water), H. oxide, Ammonia, &c. &c.
- Misy, Fe. Zn. Mg. &c. hyd. sulphate. B.M. 56
- Mizzonite (Meionite), Al. Ca. Na. K. & Mg. sil. B.M. 43
- Mocha Stone (Agate), Si. oxide. 25
- Moffrasite (Bleimeirite), Pb. hyd. (?) antimonite
- Mohsite, Fe. titanate
- Molybdänsilber (Tetradymite), Bi. & Ag. telluride, with S.
- Molybdate of Iron, Fe. molybdate
- Molybdenite, Mo. bisulphide. 9
- Molybdine, or Molybdic Ochre. M. oxide. B.M. 26
- Monazite, or Edwardsite, Ce. La. & Th. phosphate. B.M. 57
- Monazitoid (Monazite), Ce. &c. phosphate. B.M. 57
- Monradite, Mg. Fe. &c., hyd. sil.
- Monrolite (Sillimanite), Al. & Fe. hyd. sil. B.M. 41
- Monticellite (Chrysolite), Ca. & Mg. sil. B.M. 36. (*Var Olivine*)
- Montmorillonite, Al. Ca. Fe. Mg. & Na. hyd. sil.
- Moonstone (Adularia—Orthoclase), Al. &c., sil. B.M. 45.
- Morass Ore (Bog Iron-ore), Fe. hyd. oxide
- Mordenite, Al. Ca. & Na. hyd. sil.
- Morenosite, Ni. hyd. sulphate.
- Morion, or Black Quartz (Quartz), Si. oxide
- Moroxite (Apatite), Ca. &c. phosphate. B.M. 59
- Morvenite (Harmotome), Al. & Ba. hyd. sil. B.M. 48
- Morpholites of Sweden, Ca. Carb.
- Mosandrite, Ca. Ce. La. Di. &c., silico-titanate. B.M. 52
- Moss Agate (Agate), Si. oxide
- Mossotite (Arragonite), Ca. & Sr. hyd. carb. B.M. 27.
- Mother of Diaspore (Agalmatolite), Al. hyd. sil.
- Mountain Cork (Asbestos), Mg. Ca. &c., sil. B.M. 37.
- Mountain Leather (Asbestos), Mg. &c., sil. B.M. 37
- Mountain Meal, or Berghmehl, Al. & Fe. hyd. sil.
- Mountain Milk, or Melosark (Calcite), Ca. Carb.
- Mountain Pasteboard (Mountain Leather) Mg. &c., sil.
- Mountain Silk (Asbestos), Mg. sil.
- Mountain Soap Al. Fe. Mn. Ca. & Mg. hyd. sil.
- Mountain Wood (Asbestos), Mg. &c., sil. B.M. 37
- Mourolite Ca. oxalate & carbonate.
- Mullicite (Vivianite), Fe. hyd. phosphate. B.M. 57.
- Murchisonite (Orthoclase), Al. & K. sil. B.M. 45
- Muriacite (Anhydrite in broad crystals), Ca. sulphate. B.M. 54 (*Syn Anhydrite*)
- Muromontite (Allanite), Y. Fe. Ce. Be. &c. sil.
- Muscovite, or Phengite, (Mica), Al. K. &c. hyd. sil. B.M. 44
- Mussite (Diopside), Mg. &c. sil. B.M. 36
- Myelin (Lithomarge), Al. &c. sil.
- Mysorine, Ca. & Fe. silico-carbonate. ?
- Nacrite of *Thom.* Al. & Fe. hyd. sil. ? Talcite
- Nacrite of *Vauquelin* (Mica), Al. K. Fe. & Ca. sil. B.M. 42
- Nagyagite, Black or Foliated Tellurium. Pb. Au. &c. sulphotelluride. B.M. 8
- Nail-headed copper-ore (Copper Glance), Cu. sulphide
- Nail-headed Spar (Calcite), Ca. carb.
- Napoleonite (Hornblende) Mg. &c. sil. B.M. 38

- Naptha C. hydrated, B.M. 60A
 Naphthadil (Naptha), C. hydrated
 Native Calcite (Calcite), Ca. carb.
 Native Carbon, see Fossil Coke. C.
 Native Nickleiferous Iron (Native Iron), Fe. & Ni.
 Native Silver, Massive, Arborescent & Filiform (Native Silver), Ag. B.M. 1 & 2
 Native Steel Iron (Native Iron) Fe.
 Native Vermillion (Cinnabar), Hg. sulphide
 Natrocalcite (Calcite, pseudomorph after Gaylussite), Ca. carb. & sulphate. B.M. 34. (*syn. Gaylussite*)
 Natrolite, or Soda Mesotype, Al. Na. & Ca. hyd. sil. B.M. 47
 Natron, Na. hyd. carb. B.M. 34
 Naumannite, Ag. Selenide. B.M. 5
 Necronite (Orthoclase), Al. K. & c. sil. B.M. 45
 Nectique Quartz (Quartz), Si. oxide. B.M. 23
 Needle Tin (Cassiterite), Sn. oxide
 Nematite (Brucite), Mg. & c. hydrate B.M. 15
 Neoctese (Scorodite), Fe. hyd. arsenate. B.M. 58
 Neolite, Mg. Al. & c. hyd. sil. B.M. 50 ? var. Talc.
 Neotokite, Mg. Mn. & Fe. hyd. sil. ? altered form of Rhodonite
 Neotype (Natrocalcite), Ca. carb. with Ba. sulphate
 Nepaulite, Cu. Fe. & c. oxide
 Nepheline, Al. Na. K. & c. sil. B.M. 44
 Nephrolite (Chiolite), Al. & Ca. fluoride
 Nephrite, Jade, or Axestone, (Tremolite), Mg. Ca. & c. sil. B.M. 38
 Nertschinskite (Halloysite), Al. hyd. sil. B.M. 46
 Neuroilite, Al. Ca. & c. hyd. sil.
 Newkirkite (Pyrolusite), Mn. hyd. oxide. B.M. 21
 Nickel, Antimonial (Nickel Glance) Ni. & Sb. sulphide, B.M. 41 (*syn. Breithauptite*)
 Nickel, Antimonio-arsenical (Nickel Glance), Ni. & Sb. arsenide
 Nickel Arsenical (Nickel Glance), Ni. arsenide. B.M. 4. (*syn. Placodine*)
 Nickel-Bournonite (Bournonite), Pb. Cu. & Sb. sulphide, B.M. 11
 Nickel & Cobalt hydro-bibasic arsenate. (*D. Forbes*)
 Nickel, Emerald, Ni. hyd. carb.
 Nickel-Glance, Ni. & c. sulphide. B.M. 10. ?
 Nickel-Gymnite (Deweylite, or Gymnite) Ni. Mg. & c. hyd. sil. 40
 Nickel Iron Pyrites (Pyrites), Fe. sulphide. B.M. 8.
 Nickel-Lincoite (Lincoite), Ni. & Co. sulphide
 Nickel Protoxide. B.M. 15
 Nickel, tribasic arsenate. B.M. 57
 Nickel Vitriol, Ni. hyd. sulphate
 Nickeline, or Copper Nickel, Ni. arsenide. B.M. 4
 Nicopyrite, (Pyrites), Fe. & Ni. sulphide. ?
 Nigrine (Rutile), Ti. oxide. 21
 Niobite (Columbite), Fe. & Mn. niobite. B.M. 52
 Nitrammite, Ammonia nitrate
 Nitratine, or Soda Nitre, Na. nitrate. B.M. 57
 Nitre, or Saltpetre, K. nitrate. 57
 Nitrocalcite, Ca. hyd. nitrate
 Nitromagnesite, Mg. hyd. nitrate
 Non-effervescent Chalybeate (Mineral water), H. oxide, with excess of sulphates
 Nontronite, Chloropal (?) or Unglvarite, Fe. Al. & c. hyd. sil. 46
 Nordenskiöldite, Mg. Ca. & c. sil. B.M. 37. (? Hornblende)
 Norwich Mineral (Triphylite), Fe. phosphate
 Nosean, or Spinellane (Häuyne), Al. & Na. sil. & sulphate. B.M. 51
 Notite, (Palagonite) Fe. Mg. Al. & Ca. hyd. sil.
 Novaculite (Hornstone-Quartz), Si. oxide. B.M. 23
 Nova Mina (Topaz), Al. fluosilicate
 Nummalitic Marble (Shell Marble), Ca. carb. & c.
 Nussierite, Pb. & Ca. phosphate, with Pb. chloride, & c. B.M. 60. (? impure Pyromorphite).

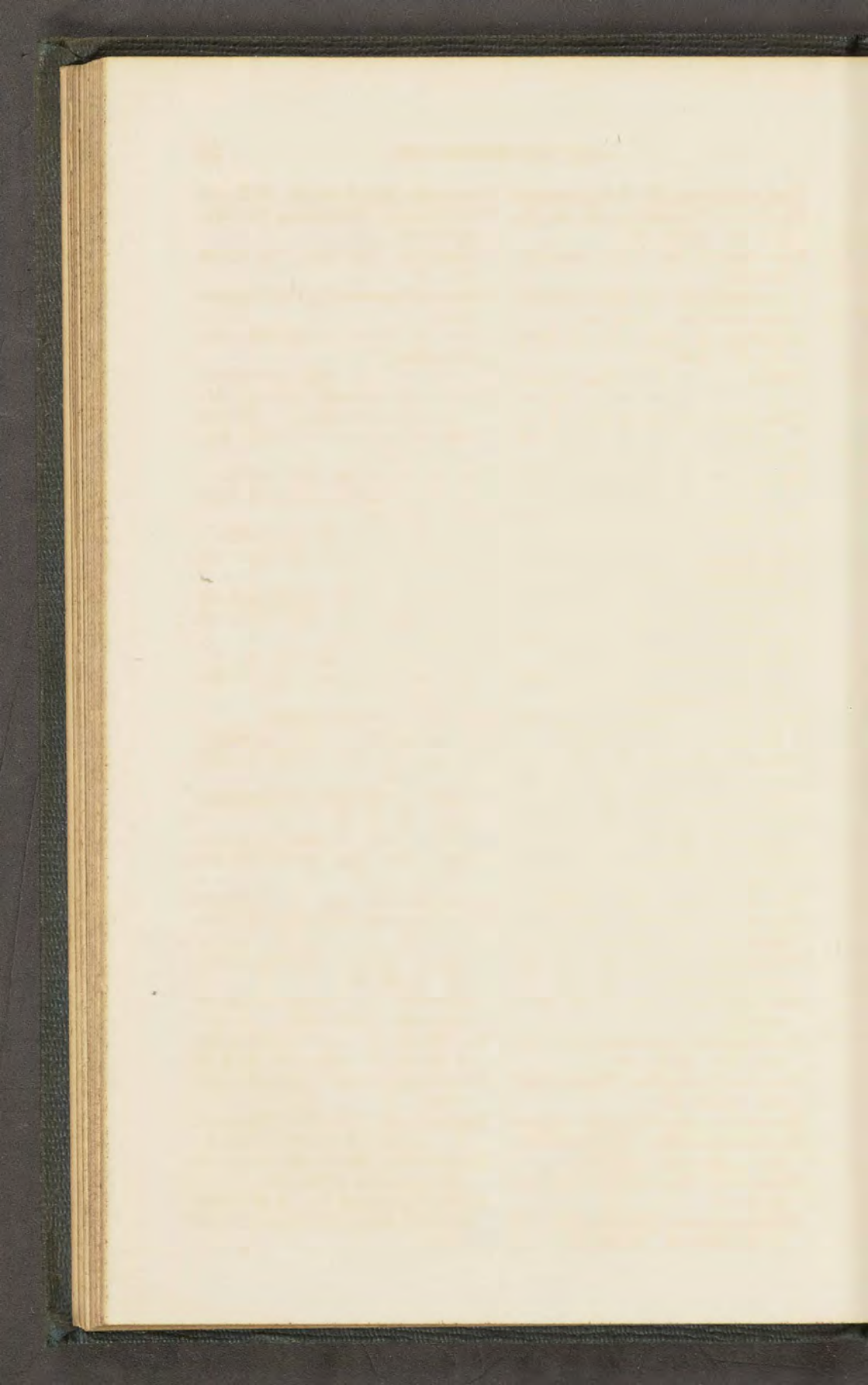


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- Nuttallite (Scapolite), Al. Ca. Na. &c. hyd. sil. B.M. 43
 Obsidian, Pitchstone, or Volcanic Glass, (Orthoclase), Al. &c. sil. B.M. 45
 Occidental Agate (Quartz), Si. oxide
 Ochran (Bole-Orthoclase). Al. hyd. sil. B.M. 46 (*var. Clay*)
 Ochreous Wad, Mn. oxide
 Ochroite (Cerite), Ce. hyd. sil. ?
 Odinite, (Mica), Al. Mg. &c. sil. ? B.M. 44
 Oesterdite (Malacone), Zr. silico-titanate. B.M. 20
 Ogoite (Ripidolite), Mg. Al. & Fe. hyd. sil. B.M. 49
 Oil Coal (Coal), C. oxy-hydride
 Okenite, or Dysclaseite, Ca. &c. hyd. sil. B.M. 39
 Oligoclase, or Soda Spodumene, Al. Na. K. & Ca. sil. B.M. 44
 Oligon Spar (Chalybite), Fe. carb. & protoxide & Mn. protoxide
 Olivene-ore, Acicular (Oliveite). Cu. hyd. phosphoarsenate
 Olivenite, or Wood Copper, Cu. hyd. phosphoarsenate. B.M. 57
 Olivenite, Hematitic, (Oliveite), Cu. &c. phosphoarsenate
 Olivenoid (Meteorite), Fe. &c.
 Olivine, or Peridot (Chrysolite), Mg. & Fe. sil. B.M. 36
 Omphacite (Sahlite-Diopside), Mg. &c. sil. B.M. 36
 Onegite (Göthite), Fe. hyd. oxide. B.M. 18
 Onicolo (Onyx-Agate), Si. oxide
 Onkosine (Agalmatolite), Al. K. Mg. &c. hyd. sil. B.M. 50
 Onofrite, Hg. seleniosulphide. B.M. 8.
 Onyx (Agate), Si. oxide. B.M. 25
 Onyx Marble (Calcite), Ca. carb.
 Oosite, (Iolite), Al. Mg. Fe. &c. sil. B.M. 43. (*var. Dichroite*)
 Opal, Si. hyd. oxide with K. Na. Ca. Mg. Al. or Fe, in small quantities. B.M. 25, 26
 Opalescent Sapphire (Sapphire-Corundum) Al. oxide, &c.
 Opaline Lenzinite (Lenzinite-Halloy-site), Al. &c. hyd. sil.
 Ophiolite (Serpentine) Mg. hyd. sil. B.M. 40, (*syn. Serpentine*)
 Ophite (Serpentine), Mg. hyd. sil. B.M. 40. (*syn. Serpentine*).
 Opsimose (Rhodonite), Mn. sil. 39
 Orangite (Thorite). Th. Pb. & Ca. hyd. sil. B.M. 40
 Oravitzite (Halloysite), Al. &c. hyd. sil. B.M. 46
 Oriental Agate (Quartz), Si. oxide
 Oriental Alabaster (Calcite), Ca. carb.
 Oriental Amethyst (Sapphire), Al. oxide, &c.
 ,, Aquamarine, do. do.
 ,, Chrysolite, do. do.
 ,, Emerald, do. do.
 ,, Hyacinth, do. do.
 ,, Peridot, do. do.
 ,, Ruby, do. do.
 ,, Sapphire, do. do.
 ,, Topaz, do. do.
 Oro Pudre, Au. Ag. & Pd.
 Orpiment, As. tersulphide. B.M. 9.
 Orthite, (Allanite), Ce. Al. Fe. La. Di. Be. Ca. Mg. & Y. hyd. sil. B.M. 43. (*species*)
 Orthoclase, or Felspar, Al. Ca. Na. &c. sil. B.M. 45
 Oserskite (Arragonite), Ca. carb.
 Osmelite (Pectolite), Al. Ca. Na. & K. sil. B.M. 39
 Osteocolla (Tufa), Ca. carb.
 Osteolite, Ca. phosphate. B.M. 57. ? *var. Apatite*
 Ostranite (Zircon), Zr. sil. B.M. 20
 Ostreocolla (Tufa), Ca. carb.
 Ottrelite, Al. Fe. & Mn. hyd. sil. B.M. 50
 Ouyarovite, or Owarowite (Garnet), Al. & Cr. sil.
 Owenite (? Thuringite). Fe. hyd. sil. B.M. 50. (*syn.*)
 Oxalite, or Humboldine, Fe. oxalate. B.M. 60 b.
 Oxhaverite (Apophyllite), Ca. K. &c. hyd. sil. B.M. 39
 Ozarkite (Thomsonite), Al. Ca. & Na. hyd. sil. B. M. 47
 Ozokerite (Resin), C. hydrated. B.M. 60 b.
 Pachnolite Al. Ca. & Na. fluoride. B.M. 14
 Pacos, Fe. oxide
 Pagoda Stone (Limestone), Ca. carb.
 Paisbergite (Rhodonite), Mn. Ca. & Fe. sil. B.M. 38.

- Palagonite, Fe. Al. Ca. Mg. &c. hyd. sil. B.M. 50.
- Paligorskite, Al. Mg. & Cu. hyd. sil.
- Palladinite, Pd. oxide.
- Palladium Native, Pd.
- Palladium Ochre, Pd. oxide.
- Pallas Meteorite (Meteorite), Fe. &c. ?
- Palygorskite (Clay), Al. Mg. hyd. sil. B.M. 46.
- Paper Coal (Lignite), C. oxy-hydride.
- Paracolumbite, Fe. Al. & Ca. Mg. silico-titanate, ?
- Paragonite, Al. Na. & Fe. hyd. sil. (? Damourite).
- Paralagite, or Paralogite, (Scapolite), Al. Ca. & Na. sil. B.M. 43.
- Paraluminite, Al. hyd. sulphate, (? impure Websterite.)
- Paranthine (Scapolite), Al. Ca. Na. &c., hyd. sil. B.M. 43.
- Parasite, Mg. borate. ?
- Parastilbite (Heulandite), Al. Ca. &c., hyd. sil. ?
- Parathorite (Thorite), Th. hyd. sil. B.M. 40.
- Pargasite, or Noble Hornblende (Hornblende), Mg. &c., sil. 38
- Parisite. Ce. La. & Di. carb. with Ca. fluoride. B.M. 35.
- Parophite, from Canada (Agalmatolite), Al. &c., hyd. sil.
- Passanite (Kaolin), Al. hyd. sil.
- Partschin, Ce. phosphate.
- Partschite (Meteorite), Fe., &c.
- Pateräite (Molybdenite), Mo. Co. & Bi. hyd. sulphide, B.M. 9
- Patina (Green or Blue-green Copper rust), Cu. carb. (Watts.)
- Paulite (Hypersthene), Mg. &c. sil. B.M. 36.
- Pea Coal (Bituminous Coal), C. oxy-hydride.
- Pea Iron-ore (Bog Iron-ore), Fe. hyd. oxide. B.M. 19.
- Pearl Spar, (Bitter Spar—Dolomite), Ca. & Mg. carb. B.M. 32
- Pearl Stone (Orthoclase), Al. &c. sil. B.M. 45 (*syn. Spherulite.*)
- Pearly Quartz (Milky Quartz), Si. oxide. B.M. 22.
- Peat (Lignite), C. oxy-hydride.
- Pectolite, or Stellite, Ca. & Na. hyd. sil. B.M. 39.
- Peganite (Wavellite), Al. hyd. phosphate. B.M. 58.
- Pegmatolite (Orthoclase), Al. & Na. sil.
- Pele's Hair (Obsidian), Al. &c. sil. B.M. 45.
- Pelhamite, (Quartz), Si. oxide.
- Pelicanite (Cimolite—Clay), Al. hyd. sil.
- Peliom (Iolite), Al. &c. sil. B.M. 43 (*var. Dichroite*)
- Pelokonite (Cupreous Manganese—Wad), Mn. hyd. oxide. B.M. 19. (*var. Cobalt Ochre.*)
- Pencalite of Thom. (Dolomite), Ca. & Mg. carb.
- Pencatite (Predazite—Hydromagnocalcite), Ca. & Mg. hyd. carb. B.M. 34
- Pennine, Mg. Fe. & Al. hyd. sil. B.M. 49. ? *var. Chlorite.*
- Pentlandite (Eisennickelkies), Fe. & Ni. sulphide.
- Peperino (Tufa), Ca. Carb.
- Peplolite (Iolite), Al. Fe. & Mg. hyd. sil. B.M. 43. (*var. Dichroite.*)
- Peponite (Tremolite—Hornblende), Mg. Ca. &c. sil. B.M. 37.
- Percylite, Pb. & Cu. hyd. chloride (Watts). B.M. 15.
- Periclase, Mg. & Fe. oxide. 15
- Pericline (Albite), Al. Na. K, &c. sil. B.M. 45.
- Peristerite (Albite), Al. & Na. sil. B.M. 45.
- Perofskite, or Perowskite, Ca. hyd. titanate. B.M. 51.
- Persbergite (Iolite), Al. Fe. &c. hyd. sil. B.M. 42. (*var. Dichroite*)
- Perthite (Felspar—Orthoclase), Al. K. Na. & Fe. sil. B.M. 45.
- Petalite, Al. Li. & Na. sil. 45
- Petrolene (Asphalt), C. hydrated.
- Petroleum (Bitumen), C. hydrated. B.M. 60 A. (*var. Naptha*)
- Petrosilix (Impure Felspar), Al. sil.
- Petuntze (Orthoclase), Al. &c. sil.
- Petzite, Ag. telluride with Au. B.M. 5.

The first part of the history is a general account of the
state of the world at the beginning of the world.
The second part is a description of the world as it
is at present. The third part is a description of the
world as it will be at the end of the world.



- Pfaffite (Galena), Pb. & Sb. sulphide
 Phacolite (Chabasite), Al. & Ca. hyd. sil. B.M. 48.
 Pharmacolite, Ca. hyd. arsenate. B.M. 57.
 Pharmacosiderite, or Cube Ore, Fe. hyd. arsenate. B.M. 58.
 Phenakite, the Phenacite of *Dana*, Be. sil. B.M. 36.
 Phillipsite, or Lime Harmotome, Al. K. & Ca. hyd. sil. B.M. 48.
 Phlogopite, or Phlogolite (Mica), Al. Mg. & c. hyd. sil. B.M. 44.
 Pholerite (Clay), Al. & c. hyd. sil.
 Phosgenite, or Cromfordite. Pb. chloro-carbonate. B.M. 35
 Phosphate of Lime and Copper (*D. Forbes*).
 Phosphocerite, Ce. La. Di. Cu. & Co. phosphate, (? Cryptolite)
 Phosphochalcite, or Lunnite, Cu. hyd. phosphate, B.M. 58
 Phosphorite (Apatite), Ca. & Fe. hyd. phosphate. B.M. 59
 Phosphorochalcite (Phosphochalcite) Cu. hyd. phosphate, ?
 Photizite, or Tomosite, (Rhodonite), Mn. hyd. sil. & c. B.M. 38
 Phthamite (Quartz), Si. oxide
 Phyllin Glance, S. Sb. Te. Pb. Fe. & Au. (*Plattner*)
 Phyllite (Sismondine), Al. Fe. & c. hyd. sil. B.M. 49
 Phylloretine (Scheererite), C. hydrated
 Physalite (Topaz), Al. fluosilicate
 Piaucite, or Piauzite, (Resin), C. hydrated B.M. 60 B.
 Pickeringite (Alum), Al. & Mg. hyd. sulphate, B.M. 56
 Picolite (Spinel), Al. & Mg. oxide with Cr.
 Picranalcime (Analcime), Al. & Mg. hyd. sil. B.M. 48
 Picrolite (Serpentine) Mg. & c. hyd. sil. B.M. 40
 Picromerite, Mg. & K. hyd. sulphate
 Picropharmacolite (Pharmacolite), Ca. & Mg. hyd. arsenate
 Picrophyll, Mg. & Fe. hyd. sil. B.M. 40
 Picrothomsonite (Thomsonite), Al. & Ca. hyd. sil. B.M. 47
 Picrosmine. Mg. hyd. sil. B.M. 40
 Piddingtonite (Meteorite), Fe. Mg. & Ca. sil.
 Piedmontite (Epidote), Ca. Al. & Mn. sil.
 Pierre de Marmarosch, Ca. fluophosphate
 Pierre de Tripes (Anhydrite), Ca. phosphate
 Pigotite, Al. hyd. oxide. (? species)
 Pigotite of Cornwall granite, Al. oxide & mudesous acid. (*Watts*)
 Pillite of Sesstrom (Chlorite), Mg. & Al. hyd. sil. ?
 Pimelite, Ni. & Mg. hyd. sil. 50
 Pinguite (Nontronite), Fe. & c. hyd. sil. B.M. 46
 Pink Opal (Opal), Si. hyd. oxide
 Pinite (Iolite), Al. & K. hyd. sil. B.M. 43
 Pinitoid, Al. K. Ca. & Mg. hyd. sil.
 Piotine (Saponite), Mg. hyd. sil. B.M. 5. (*Syn.*)
 Pipe Clay (Clay), Al. hyd. sil
 Pipestone (Clay-slate), Al. & Na. hyd. sil.
 Pisanite, Fe. cuprosulphate
 Piscromerid, Mg. & Cu. sulphate
 Pisiform Iron-ore (Göthite), Fe. hyd. oxide.
 Pisolite (Calcite), Ca. concretionary carb. B.M. 31
 Pisolitic Black Iron-ore (Psilomelane), Mn. hyd. oxide. with Fe. oxide.
 Pisophalt (Bitumen), C. hydrated
 Pissophane, Al. & Fe. hyd. sulphate. B.M. 60
 Pistacite (Epidote), Al. Fe. & Ca. sil. B.M. 43
 Pistomesite (Breunnerite), Ca. & Mg. carb. B.M. 32
 Pitchblende, U. proto-peroxide, Pb. & Ca. Si. Fe. oxides, & c. B.M. 16
 Pitch Opal (Common Opal), Si. hyd. oxide
 Pitchstone or Fluolite (Obsidian), Al. & c. sil. B.M. 45. (*Syn.*)
 Pitchstone of Menil—Montant, the dark varieties of Menilite
 Pitchy Copper-ore, Cu. & Fe. hyd. oxide. B.M. 40 (*Syn. Chryscolla*)

- Pitkarandite (Actinolite), Mg. Ca. &c. sil. B.M. 38
- Pitticite, or Iron Sinter. Fe. hyd. arsenate. B.M. 60. (*var Diadochite*)
- Pitticite, Fe. hyd. arsenato-sulphate
- Pittinerz (Pitchblende), U. &c. protoxide
- Pittinite (Impure Pitchblende), U. &c. protoxide
- Placodine, Ni. sulphoarsenide, with Co. & Cu. B.M. 4
- Plagionite, Pb. & Sb. sulphide, B. M. 12
- Planerite (Wavellite), Al. Cu. & Fe. hyd. phosphate. B.M. 58
- Plasma (Chalcedony-Quartz), Si. oxide. B.M. 24
- Plata Verde, Ag. native bromide.
- Platiniridium, Pt. & Ir.
- Platiniferous Grey Copper (Tetraedrite), Cu. Pt. &c. sulphide ?
- Platinum, Native, Pt. B.M. 2
- Plattnerite, Pb. oxide.
- Pleonaste, or Ceylonite, (Spinel), Al. Mg. &c. oxide. B.M. 16.
- Plinian (Mispickel), Fe. sulphoarsenide.
- Plinthite (Bole), Al. Fe. & Ca. hyd. sil. ? B.M. 46.
- Plombierite, Ca. hyd. sil. (*Watts*).
- Plumbiferous Blende (Blende), Zn. & Pb. sulphide
- Plumbocalcite (Calcite), Ca. & Pb. carb. B.M. 31
- Plumboselenite, or Plomgomme, Pb. hyd. aluminophosphate. 58
- Plumose Gypsum (Gypsum), Ca. hyd. sulphate
- Plumose Mica, (Mica), Al. hyd. sil. with K. &c.
- Plumosite (Heteromorphite), Pb. & Sb. sulphide, B.M. 12. (*syn*)
- Polianite (Pyrolusite), Mn. proto-peroxide, &c. B.M. 21
- Pollux, Cs. & Al. hyd. sil. 48.
- Polyadelphite (Garnet), Fe. Ca. Al. Mn. & Mg. sil. B.M. 42.
- Polyargite (Anorthite), Al. sil. 44.
- Polybasite, Ag. & Cu. sulpharsenio-antimonite. B.M. 12.
- Polychroilite, Al. Mg. & Fe. hyd. sil. B.M. 43, (*var. Dichroite*).
- Polyerase, Zr. U. Y. Fe. &c. titanoniobite, B.M. 52.
- Polyhalite, Ca. Mg. K. & Na. hyd. sulphate. B.M. 56.
- Polyhydrite, or Thraulite (Hisingerite), Fe. hyd. sil. B.M. 52.
- Polylite (Pyroxene), Fe. Ca. &c. sil.
- Polymignite, Zr. Fe. Y. Mn. Ce. & Ca. titanate, B.M. 52.
- Polysphœrite (Apatite), Ca. phosphate ? B.M. 59.
- Polysphœrite, or Brown Lead Ore, Pb. & Ca. chloride. ? Pyromorphite.
- Polytelite (Tetraedrite), Cu. & Ag. sulphide with Hg.
- Polyxene (Platinum), Pt. Cu. Fe. Rh. Ir. Hg. Pd. & Au.
- Poonahlite, Al. & Ca. hyd. sil. 47.
- Porcelain Jasper (Jaspersy Quartz), Si. oxide.
- Porcelain Spar, Al. & Ca. hyd. sil. B.M. 44
- Porpezite, or Gold Palladium (Gold), Au. & Pd. ; B.M. 2
- Porricine (Augite-Pyroxene), Mg. &c. sil. B.M. 37
- Portite, Al. Mg. &c. hyd. sil.
- Portor Marble (Limestone), Ca. carb.
- Potash Alum (Alum). Al. & K. hyd. sulphate.
- Potash Copperas (Jarosite), Fe. hyd. sulphate.
- Potstone, or Lapis Ollaris (Steatite), Mg. hyd. sil. B.M. 39
- Potter's Clay (Clay), Al. hyd. sil.
- Prase (Quartz), Si. oxide. B.M. 22
- Prase Opal (Opal), Si. hyd. oxide. B.M. 26
- Praseolite (Iolite), Al. Mg. &c. hyd. sil. B.M. 43 (*var. Dichroite*)
- Prasile, of Thomson, Mg. hyd. sil. ?
- Prasine (Phosphochalcite), Cu. hyd. phosphate. B.M. 57
- Prasochrome, Ca. carb. & Cr. oxide.
- Precious Garnet (Garnet). Al. &c. sil. B.M. 42 (Almandine).
- Precious Opal (Opal), Si. hyd. oxide.
- Precious or Noble Serpentine (Serpentine), Mg. hyd. sil.
- Predazzite (Hydromagnocalcite), Ca. & Mg. hyd. carb. B.M. 34



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- Pregrattite, Al. &c. hyd. sil. B.M. 50. ? Paragonite.
 Prehnite, or Chiltonite, Al. & Ca. hyd. sil. B.M. 47
 Prehnitoid, Al. Ca. Na. &c. hyd. sil. B.M. 43. (*syn. Dipyre.*)
 Prismatic Axinite (Axinite), Ca. sil.
 Prismatic Mica (Margarodite), Al. hyd. sil.
 Prosopite, Al. Ca. &c. hyd. fluoride, B.M. 14
 Protherite (Idocrase), Ca. & Al. sil. B.M. 12
 Protobastite, Fe. Al. Cr. Ca. & Mn. hyd. sil. (*Watts*).
 Proustite, Light Red Silver, or Arsenical Silver Blende, Ag. sulpho-arsenide. B.M. 12
 Prounnerite (Calcite), Ca. carb. 29
 Przibramite. (Göthite), Fe hyd. oxide. B.M. 18.
 Przibramite, Zn. sulphide.
 Psaturose, Ag. antimony-sulphide.
 Pseudo-apatite (Apatite), Ca. phosphate. B.M. 59.
 Pseudochrysolite (Obsidian), Al. sil.
 Pseudolibethenite, Cu. hyd. phosphate.
 Pseudonepheline (Nepheline) Al. sil. B.M. 44
 Pseudophite, Mg. hyd. sil. B.M. 50
 Pseudosteatite, Al. Mg. Fe. & Ca. hyd. sil.
 Pseudotalcite, Al. K. &c. sil.
 Pseudotriplite (Triplite), Fe. & Mn. phosphate. B.M. 57
 Psilomelane, or Compact Manganese ore, Mn. & Ba. hyd. oxide 19
 Pterolith, Al. Na. Fe. Ca. &c. sil.
 Pthamite (Jaspery Quartz), Si. oxide. ? Lydian Stone.
 Pufferite (Stilbite), Al. hyd. sil. B.M. 49 ? Globular Prehnite.
 Puleta of *Elba* (Micaceous Iron), Fe. oxide.
 Pumice (Orthoclase), Al. sil. ? hyd.
 Purging Saline Water (Mineral Water), H. oxide with Na. Mg. sulphates, &c.
 Puschkinite (Epidote), Al. Ca. Fe. &c. sil. ; B.M. 43
 Pycnite (Topaz), Al. fluosilicate B.M. 41
 Pycnotrope (Serpentine), Mg. hyd. sil. B.M. 40
 Pyralloite, (Iolite), Al. sil. B.M. 43 (var. Dichroite).
 Pyralloite Mg. &c. hyd. sil. ? altered Augite.
 Pyramidal Zircon (Zircon), Zr. sil.
 Pyrargillite (Iolite), Al. hyd. sil. B.M. 43 (var. Dichroite).
 Pyrrargyrite, Red or Ruby Silver, or Ruby Blende, Ag. & Sb. sulphide, B.M. 12
 Pyreneite (Melanite-Garnet), Al. Fe & Ca. sil. B.M. 42.
 Pyrgom (Sahlite), Mg. &c., sil. B.M. 36 (*syn. Diopside*)
 Pyrites, Iron Pyrites, or Mundie, Fe. sulphide, B.M. 8.
 Pyrochlore, Ca. C. &c. titanio-niobite, B.M. 52.
 Pyrochroite (Brucite), Mn. hyd. oxide.
 Pyroclaseite (Apatite), Ca. phosphate, B.M. 59.
 Pyroelectric Wavellite (Wavellite), Al. hyd. phosphate.
 Pyrolusite, or Prismatic Manganese ore. Mn. binoxide, B.M. 21.
 Pyromelane, Ni. hyd. sulphate, 55
 Pyromorphite, or Green Lead ore, Pb. phosphato-chloride, B.M. 60.
 Pyrope (Precious Garnet), Al. &c. sil. B.M. 42.
 Pyrophane (Semi-opal), Si. hyd. oxide.
 Pyrophyllite, Al. hyd. sil. B.M. 46.
 Pyropissite (Resin), C. hydrated. B.M. 60 b.
 Pyrophysalite (Topaz), Al. fluosilicate, B.M. 41.
 Pyroretine (Resin), C. oxy-hydride.
 Pyrorthite (Orthite—Allanite), Ce. Al. Fe. &c. hyd. sil. B.M. 43.
 Pyrosclerite, Mg. & Al. hyd. sil. B.M. 49. (var. *Clinochlore*)
 Pyrosiderite Göthite), Fe. hyd. oxide.
 Pyrosmalite, Fe. & Mn. hyd. sil. B.M. 50.
 Pyroxene, Mg. &c. sil. B.M. 36, 37. (*syn. Augite*).
 Pyrrhite, Zr. niobate, B.M. 52.

- Pyrrhotine, or Magnetic Pyrites, Fe. sulphide. B.M. 10.
 Quartz, Si. oxide. B.M. 21—25.
 Quartz Sinter (Quartz), Si. oxide, B.M. 26.
 Quellerz (Limonite), Fe. hyd. oxide.
 Quincite (Meerschäum), Mg. hyd. sil. B.M. 39.
 Radiated Pyrites (Marcasite), Fe. sulphide.
 Radiated Quartz (Quartz), Si. oxide, B.M. 23.
 Radiolite (Natrolite), Al. Ca. Na. &c. hyd. sil.
 Rahtite of *Shepard*, (underscribed).
 Rainbow Chalcedony (Chalcedony), Si. oxide.
 Rain, H. oxide, with carbonic, nitrous and nitric acids, &c.
 Rain, Earthy of *Thom.*; Ca. sil?
 Rain, Red of *Thom.*; Ca. sil.?
 Rammelsbergite, or Chathamite, Ni arsenide. B.M. 4.
 Ram Tin (Stream Tin), Sn. oxide
 Rancierite (Hausmannite), Mn. hyd. oxide with ferruginous clay.
 Rancierite Argentine (Rancierite), Mn. hyd. oxide.
 Randanite (Opal), Si. hyd. oxide. Chiefly soluble silica.
 Raphanosmite (Clausthalite), Pb. & Cu. selenide with Ag. &c. B.M. 8. (*syn. Tilkerodite*).
 Raphilite (Tremolite), Mg. Ca. &c. sil. B.M. 37 (var. Actinolite).
 Rastolite (Stilpnomelane), Fe. Al. & Mg. hyd. sil. B.M. 50.
 Ratholite (Pectolite), Ca. hyd. sil. B.M. 39.
 Ratoffkite (Fluor), Ca. fluoride
 Ranchkalk (Dolomite), Ca. & Mg. carb.
 Raumite, Fe. Al. & Mg. hyd. sil.
 Razoumoffskin (Clay), Al. & Ca. hyd. sil. B.M. 46.
 Realgar, or Red Orpiment, As. bisulphide, B.M. 9.
 Red Bole (Ferruginous Clay), Al. &c. hyd. sil.
 Red Cerussite (Cerussite), Pb. carb.
 Red Chalk, (Hematite). Fe. oxide.
 Red Clay Iron Stone of *Thom.* (Hematite), Fe. oxide.
 Red Hematite (Hematite), Fe. oxide.
 Red Iron Froth (Hematite). Fe. oxide.
 Red Ochre (Hematite), Fe. oxide.
 Reddle (Hematite), Fe. oxide.
 Refikite (Resin), C. oxy-chloride.?
 Reissacherite, Mn. Fe. & Ca. hyd. carb. with sand. (*Walls*).
 Remingtonite, Co. hyd. carb.
 Rensselarite (Augite), Mg. &c. hyd. sil. B.M. 37.
 Resin, Hydrated Carbon, &c.
 Retinalite (Serpentine), Mg. hyd. sil.
 Retinite, Retinasphalt, or Resinite (Bitumen), C. hyd. B. M. 60 A.
 Retzbanyite, Bi. Pb. and Cu. sulphide
 Retzite (Laumontite), Al. hyd. sil. B.M. 48 (syn. *Ædelforsite*)
 Reussine, Na. Ca. & Mg. hyd. sulphate. B. M. 56
 Rhätzite or Rhätizite (Kyanite), Al. sil. B. M. 41
 Rhodalite (Bole), Al. sil. }
 (G. & L.) }
 Rhodalite, Fe. Al. Ca. & Mg. } ?
 hyd. sil. B. M. 50 }
 Rhodium Gold, Au. Ag. & Ro.
 Rhodizite, or Rhodicite, Ca. borate. B. M. 56
 Rhodochrome (Kammererite), Mg. Al. &c. hyd. sil. B. M. 49
 Rhodochrosite, Mn. carb. (*Walls*)
 Rhodonite, Rose Manganese, or Manganese spar, Mn. Ca. Fe. & Mg. sil. B. M. 38
 Rhodophyllite (Pyrosclerite), Mg. hyd. sil.
 Ribbon Agate (Agate), Si. oxide
 Ribbon Jasper, (Jaspery Quartz), Si. oxide.
 Riolite, Ag. selenide.
 Ripidolite, Mg. Al. Fe. &c. hyd. sil. M. B. 49
 Risigallo (Realgar), As. sulphide. 9
 Rittingerite, Ag. antimony sulphide. B. M. 12
 River Water, H. oxide, &c. &c.
 Rock Cork, or Mountain Cork (Asbestos), Mg. &c. sil.
 Rock Crystal (Vitreous Quartz), Si. oxide. B. M. 21

- Rock Salt, Na. chloride
 Rock Soap (Bole), Al. sil. B. M. 46
 (syn. Clay)
 Rock Wood (Asbestos), Mg. &c. sil.
 Roesmerite, Fe. hyd. sil. B.M. 56 ?
 Roesslerite, Mg. hyd. arsenate
 Rolled Gold, Au. water-worn
 Roman-red-Jasper (Jaspery Quartz)
 Si. oxide
 Romanzovite (Cinnamon-stone —
 Garnet), Al. &c. sil. B. M. 42
 Romeine, or Romëite, Ca. Mn. & Fe.
 antimonate. B. M. 60
 Römerite, Fe. hyd. sil. B.M. 56
 Rose Garnet (Garnet), Al. sil. 42
 Rose Iron (Hystatite — Ilmenite),
 Fe. titanate
 Rose Iron Glance (Hematite), Fe.
 oxide. B. M. 17
 Rose Opal (Opal), Si. hyd. oxide.
 B. M. 26
 Rose Quartz (Quartz), Si. Oxide.
 B. M. 22
 Roselite, Co. hyd. arsenate. ? var.
 Erythrine
 Rosellane, Al. K. Ca. &c. hyd. sil.
 ? altered Anorthite
 Rosin Tin (Cassiterite), Sn. oxide
 Rosite (Anorthite), Al. &c. hyd. sil.
 B. M. 44. ? Rosellane
 Rothoffite (Garnet), Al. &c. sil. 42
 Rosstrevorite (Epidote), Al. &c. sil.
 Rottenstone, Al. sil. (G. & L.)
 Röttisite, or Roëtisite, Ni. hyd. sil.
 B. M. 56
 Rubellane (Biotite), Al. Fe. Ca.
 Na. & K. sil. ? hyd. sil.
 B. M. 44. probably altered
 Biotite
 Rubellite (Tourmaline), Al. Mn. Li,
 Na. &c. sil. with Sassoline. ?
 B. M. 50.
 (Rubicelle—orange and red Spinel)
 Rubinglimmer (Göthite), Fe. hyd.
 oxide. B. M. 17
 (Ruby, a general name for several
 stones of different composition)
 Ruby Spinel (Spinel), Al. & Mg,
 oxide, &c. B. M. 16
 Ruddle, or Soft Hematite (Hematite)
 Fe. oxide
 Ruin Marble (Calcite) Ca. Carb.
 B. M. 31
 Rust, Fe. oxide
 Rutherfordite, Ca. titanate. B.M. 51
 Rutile, or Titanic Acid, Ti. oxide.
 B. M. 21
 Ryacolite, or Ice Spar, (Orthoclase),
 Al. & Na. sil. B. M. 45
 Saccharite (Andesine), Al. Ca. Na.
 &c. hyd. sil. (?)
 Safflorite (Smaltine), Co. Fe. & Bi.
 arsenide. B. M. 4
 Sagenite (Rutile), Ti. oxide
 Sahla-pseudomorph, Mg. hyd. sil.
 Sahlite (Diopside—Pyroxene), Ca.
 Mg. &c. sil. B. M. 36
 Sal Ammoniac, Ammonia, muriate
 and sulphate. B. M. 13
 Saline Efflorescence of *Atacama*, Na.
 sulphate
 Saline Water (Mineral Water), H.
 oxide with Na. K. &c.
 Salt Clay, Al. & Mg. sil. & carb.
 Salt, or Common Salt, Na. chloride.
 B. M. 13
 Salt, Grey, Red, Green, & White
 (Salt), Na. chloride
 Samarskite, or Uranotantalite, Fe.
 Y. &c. uranoniobite ? B.M. 52
 Sammetblende Göthite, Fe. hyd.
 oxide, B.M. 18. (Przibramite)
 Samoite, Al. Fe. Ca. & Mg. hyd. sil.
 Sandastros (Aventurine Quartz), Si.
 oxide.
 Sandstone-ore (Limonite), Fe. hyd.
 oxide.
 Santorine, Al. Fe. &c. sil. (*Watts*)
 Saponite, Figure Stone, Piotine, or
 Thalite, Mg. hyd. sil. B.M. 50.
 Saponite of Cornwall (Saponite),
 Mg. hyd. sil.
 Sapphire (Corundum), Al. oxide, &c.
 B.M. 17.
 Sapphire d'eau (Iolite), Al. sil.
 Sapphire Quartz (Quartz), Si oxide.
 Sapphirine, Al. Mg. Fe. &c., sil.
 B.M. 50.
 Sarancolin Marble (Shell Marble),
 Ca. carb. &c.
 Sarcolite, Ca. Al. and Na. sil. 42.
 Sard (Quartz), Si oxide.

- Sardonyx (Onyx), Si. oxide. 24.
 Sassoline, or Boracic Acid, Bo. hyd. oxide. B.M. 26.
 Satin Spar (Iceland Spar). Ca. carb. Satin Spar, or Fibrous Gypsum, (Gypsum), Ca. hyd. sulphate.
 Satin Spar, fibrous (Arragonite), Ca. carb. B.M. 27.
 Sätersbergite (Leucopyrite), Fe. arsenide.
 Saulpitite (Zoisite), Al. Ca. & Mg. sil. with Fe. oxide.
 Saussurite (Labradorite), Al. Ca. Mg. Na. sil. & Fe. oxide, B.M. 44.
 Savite, Al. Mg. & Na. hyd. sil. 50.
 Scacchite, Pb. selenide.
 Scale Gold, Native Gold in scales or flakes.
 Scaley Brown Iron Ore (Limonite), Fe. hyd. oxide.
 Scaley Red Iron Ore (Hematite), Fe. oxide.
 Scapolite, or Wernerite, Al. & Ca. hyd. sil. B.M. 43.
 Scarbroite, Al. hyd. sil. & Fe. peroxide, B.M. 46 (var. Allophane)
 Schaumkalk (Gypsum), Ca. hyd. sulphate.
 Scheeletine, Pb. tungstate, B.M. 53 (syn. Stolzite).
 Scheelite, or Tungsten, Ca. tungstate, or wolframiate. B.M. 53.
 Scheelite cupreous, Ca. & Cu. tungstate. *D. Forbes.*
 Scheererite (Resin), C. hydrated, B.M. 60 B.
 Schefferite, Ca. Mg. Mn. Fe. & c. sil.
 Schiller Spar (Diallage), Mg. Al. Fe. & Ca. hyd. sil. B.M. 40 (syn. Bastite.)
 Schlaken, Ca. Al. Mn. Mg. & c. sil.
 Schleritinite, or Skleritinite (Resin), C. hydrated.
 Schneiderite, Al. Ca. Mg. & c. hyd. sil.
 Schömite, Ca. & Mg. hyd. sulphate
 Schörl (Tourmaline), Al. & c. sil. & borate, with Fe. oxide, & c. 50
 Schorlomite, Ca. & Fe. titano-silicate. & c. B. M. 52
 Schreibersite, Fe. & Ni. phosphide. 4
 Schrötterite, or Opal Allophane, (Allophane), Al. & c. hyd. sil. 46
 Schulzite (Geocronite), Pb. & Cu. antimony-sulphide
 Schwarzerz, or Schwartzite, (Tetrahedrite), Cu. Hg. Fe. & c. antimony-sulphide.
 Schwarzgiltigerz (Tetrahedrite), Cu. Zn. & c. antimony-sulphide; 11
 Scolecite anhydrous, Al. & Ca. sil.
 Scolecite, Scolezite, or Lime Mesotype, Al. Ca. & Na. hyd. sil. B.M. 48
 Scolexerose (Labradorite), Al & Ca. hyd (?) sil.
 Scoritite, Al. Fe. & Ca. hyd. sil.
 Scorodite, Fe. hyd. arsenate, 58
 Scorza, or Skorza (Epidote), Al. & c. sil. B.M. 43
 Scotine, or Skotin (Bucklandite), Al. Fe. & c. sil.
 Scoulerite (Thomsonite), Al. Ca. & Na. hyd. sil.
 Scoulerite (Pipestone), Al. Na. & c. hyd. sil.
 Sea Water, H. oxide with Na. Mg. Ca. K. & c. sulphides & chlorides, & sometimes I. & Br.
 Seladonite (Augite), Mg. & c. sil. B.M. 37
 Selbite, Ag. & Sb. carb. with Cu. oxide.
 Selen-cobalt-lead (Clausthalite), Pb. & Co. selenide
 Selen-copper-lead of *Nicol*, Pb. & Cu. selenide
 Selenate of Lead, Pb. selenate ? hyd.
 Selenic-silver-lead (Clausthalite), Pb. & Ag. selenide ?
 Selenite (Gypsum), Ca. hyd. sulphate B.M. 55 (species)
 Selenium, Native, Se.
 Selenpalladite, Native Palladium, ?
 Selenquecksilberblei, Hg. & Pb. selenide ?
 Selsulphur, Se. & S. B.M. 4. (syn. *Volcanite.*)
 Séméline (Sphene), Ti. & Ca. sil.
 Semi-opal (Opal), Si. Al. & Ca. hyd. oxide, with Fe. peroxide B.M. 26

The first part of the history is a general account of the state of the world at the beginning of the world. It is divided into three parts: the first part is a general account of the world at the beginning of the world; the second part is a general account of the world at the beginning of the world; the third part is a general account of the world at the beginning of the world.

The second part of the history is a general account of the world at the beginning of the world. It is divided into three parts: the first part is a general account of the world at the beginning of the world; the second part is a general account of the world at the beginning of the world; the third part is a general account of the world at the beginning of the world.

The third part of the history is a general account of the world at the beginning of the world. It is divided into three parts: the first part is a general account of the world at the beginning of the world; the second part is a general account of the world at the beginning of the world; the third part is a general account of the world at the beginning of the world.

- Senarmontite, or Octahedral White Antimony, Sb. teroxide, B.M. 26
- Septaria, nodular concretions of Argillaceous Limestone
- Sericite. (Margarodite-Mica), Al. K. Na. &c. sil. B.M. 44
- Sericolite, Ca. carb. (*Watts*)
- Serpentine, Ophite, or Ophiolite, Mg. &c. hyd. sil. B.M. 40
- Serpentine of Aker (Pyrosclerite?) Mg. hyd. sil.
- Serpentine asbestos (Serpentine), Mg. &c. hyd. sil.
- Serpentine, common, fibrous and foliated (Serpentine), Mg. &c. hyd. silicate.
- Serpentinite, Mg. &c. hyd. sil.
- Settling Stones (Copaline), C. hydrated
- Severite (Lenzinite-Halloysite), Al. hyd. sil. B.M. 46
- Sexangulite of *Breithaupt*, Pb. sulphide. (*Watts*)
- Seyberite (Clintonite), Al & Mg. hyd. sil.
- Shepardite (Meteorite), Fe. &c.
- Shell Marble (Calcite), Ca. carb. &c.
- Siderite (Chalybite), Fe. carb.
- Siderite (Diamond), C. (*Emmanuel*)
- Siderite (Quartz), Si. oxide. B.M. 22
- Siderodote of *Breithaupt*, Fe. carb.
- Sideroschisolite, Fe. hyd. sil. B.M. 50 (var *Cronstedtite*)
- Sideroclepte of *Saussure* ?
- Siderconite (Calcite), Ca. carb.
- Siderferrite (Native Iron), Fe. hyd. oxide
- Siderographite, Fe. carb. (*Watts*)
- Sideromelane, Al. Fe. Ca. &c. sil. ? var. Labradorite. B.M. 50. (syn. Tachylite)
- Sideroplesite (Chalybite), Fe. & Mg. carb. & Fe. protoxide. B.M. 53
- Siderose, Fe. carb. ? Chalybite
- Siderosilicate, Fe. & Al. hyd. sil.
- Siderosbole (Bole), Al. &c. sil.
- Sieberite (Red Tourmaline), Al. &c. sil.
- Siegenite, or Cobalt-nickel-pyrites, (Linnæite), Co. Cu. Ni. & Fe. sulphide, B.M. 10 (syn. *Linnæite*)
- Sienna Earth, Fe. hyd. sil. (?)
- Sienna Marble (Limestone), Ca. carb.
- Silberphyllinglanz (Naumannite), Ag. selenide
- Silica Rock, or Fire Stone, Si. oxide. 30 to 70 per cent. soluble silica
- Siliceous Alkaline Water (Alkaline Water), H. oxide, with Na. carbonate and silicic acid united to an alkali
- Siliceous Sinter, or Geyserite (Opal and Cellular Quartz), Si. hyd. oxide. B.M. 26
- Silicite (Labradorite), Al. & Ca. sil. (? hyd.) & Fe. peroxide, B.M. 44
- Silicified Coral, Si. oxide
- Silicified Sponge, Si. oxide
- Silicified Wood, (Granular Quartz), Si. oxide.
- Sillimanite, Al. sil. B.M. 41
- Silver Arsenide of, *D. Forbes*, Ag. Fe. & Co. arsenide
- Silver arsenio-antimonide, Ag. Sb. & Fe. arsenide
- Silver, black, (Silver Glance), Ag. sulphide
- Silver Iodobromide, Ag. iodobromide. B.M. 13 (*Iodyrite*)
- Silver, native, Ag. E.M. 1, 2.
- Sinopite, Bolus or Rubrica (Bole) Al. &c. sil.
- Sinople (Jasper), Si. oxide. with Fe
- Sinter, incrustations from mineral waters
- Sismondine, Al. & Fe. hyd. sil. B.M. 49
- Sisserskite (Iridosmine) Ir. Os³.; or, Ir. Os⁴.
- Skleroklase, or Scleroclase, Pb. arsenio-sulphide
- Skogbölite (Tantalate), Fe. tantalate
- Skolopsite or Scolopsite, Al. Ca. Na. &c. with Sodalite (?) & sulphuric acid, B.M. 51
- Skorian of *Breithaupt*, or Modumite (Spinel), Al. Fe. &c. sil. (*Watts*)
- Skorilite, Al. Fe. & Ca. hyd. sil.
- Skutterudite, Co. & Fe. arsenide 4
- Slaggy Mineral Pitch (Asphalt), C. hydrated
- Slaglike Magnetic Iron (Iserine), Fe. titanate.
- Slate adhesive, Al. sil.

- Slate Coal, (Common Coal), C. oxy-hydride
- Slate Spar, or Schiefer Spar. Ca. carb. B.M. 30
- Slickensides (Galena) Pb. sulphide
- Sloanite, Al. Ca. Mg. &c. hyd. sil. B.M. 47. (var. L'umonite.)
- Smaltine, or Tin White C balt, Co. Fe. & Ni. arsenide, B.M. 4.
- Smargdite (Actinolite), Mg. Ca. Fe. &c. sil.
- Smectite (Clay), Al. &c. hyd. sil. B.M. 46.
- Smectite (Halloysite), Al. hyd. sil(?)
- Smelite (Kaolin), Al. &c. hyd. sil.
- Smirgel (Corundum), Al. oxide, with Quartz & Magnetite.
- Smith Ore, (Limonite) Fe. hyd. oxide
- Smithsonite, or Electric Calamine, Zn. hyd. siliceous oxide, B.M. 40.
- Smoky Quartz (Quartz), Si. oxide, B. M. 22.
- Snow, H. peroxide, with carbonic acid, Ammonia &c., frozen.
- Snow, inflammable, C. oxy-hydride ?
- Snow, red, of Idria, Al. & Ca. sil. ?
- Soda Copperas (Jarrosite), Fe. & Na. hyd. sulphate
- Soda Table Spar (Pectolite), Ca. hyd. sil.
- Sodalite, Al. & Na. sil. with Cl. B.M. 50
- Soft-water (River &c. water), H. oxide with little salts of Ca. & Mg.
- Solfatarite, or Soda-alum (Alum) Al. & Na. hyd. sulphate, B.M. 56
- Sombrette, Ca. & Al. hyd. phosphate ? Ca. Fe. &c. chloride. Not of constant composition. (*Chemical News*, ix. 16)
- Somervillite (Chrysocolla), Cu. &c. hyd. sil. B.M. 40
- Sordawallite, Al. Mg. & Fe. sil. or hyd. sil. (*Watts*). B.M. 50
- Spadaite, Mg. hyd. sil. B.M. 40
- Spaniolite, or Quicksilver Fahlerz (Tetrahedrite), Cu. Hg. &c. sulphide. B.M. 11
- Sparable Tin (Cassiterite), Sn. oxide. B.M. 20
- Spartaite, or Calcimangite, (Calcite) Ca. Mn. Mg. Fe. & Zn. carb. & Ca. fluoride (*Watts*)
- Spartalite, Native Zn. oxide, colored by Mn. oxide
- Spear Pyrites (Marcasite), Fe. sulphide. B.M. 8
- Specular-Galena, or Slickensides (Galena), Pb. sulphide.
- Specular Iron ore, or Oligiste (Hematite), Fe. oxide. B.M. 17
- Spessartine, or Manganese Garnet (Garnet), Al. Mn. &c. sil. 42
- Sphaerosiderite (Chalybite), Fe. hyd. carb. B.M. 33
- Sphaerostilbite (Stilbite), Al. & Ca. hyd. sil. B.M. 49
- Sphærulite, or Pearlstone (Pitchstone), Al. &c. sil. B.M. 45
- Sphene, or Titanite, Ca. silico-titanate, B.M. 51
- Sphenoclaste, Ca. Al. Mg. Fe. & Mn. sil. (*Watts*)
- Sphenomatite, or Sphenomite (Meteorite), Fe. &c. ?
- Sphragide, or Sphragite (Clay), Al. hyd. sil.
- Spinel, Al. Mg. &c. oxide, B.M. 16
- Spinellane, (Nosean), Al. Na. Ca. &c. silicate & sulphate
- Spinthère (Sphene), Ca. silico-titanate, B.M. 51
- Spint-coal (Cannel Coal), C. oxy-hydride.
- Spodumene, or Triphane, Al. Li. Na. &c. sil. B.M. 37
- Sprudelstein (Arragonite), Ca. carb. B.M. 27
- Staffelite (Apatite), Ca. phosphato-carbonate. B.M. 59
- Stalactite (Calcite), Ca. carb.
- Stalactitic Limonite (Limonite), Fe hyd. oxide
- Stalactitic Manganese (Wad.), Mn. hyd. oxide.
- Stalactitic panniformes (Limestone) Ca. carb.
- Stalagmite (Calcite), Ca. carb.
- Stalagmitic Marble (Calcite) Ca. carb.
- Stangenspath (Barytes), Ba. sulphate B.M. 55
- Stannine, or Tin Pyrites, Sn. Cu. & Zn. sulphide. B.M. 11

The first section of the book is devoted to a general introduction to the subject of the history of the United States. It covers the period from the discovery of the continent to the present time. The author discusses the various theories of the origin of the American people, and the different stages of their development. He also touches upon the political and social conditions of the early colonies, and the process of their union into a single nation.

The second section is a detailed account of the American Revolution. It begins with the first steps towards independence, and follows the course of the war from its commencement to its final conclusion. The author describes the military and political events of this period, and the role of the various states and individuals who were instrumental in the struggle for freedom.

The third section deals with the early years of the new nation. It covers the period from the signing of the Declaration of Independence to the establishment of the Constitution. The author discusses the political and social conditions of the time, and the efforts of the framers of the Constitution to create a stable and effective government.

The fourth section is a history of the United States from the end of the Revolution to the present time. It covers the period of the early republic, the expansion of the territory, the Civil War, and the Reconstruction period. The author discusses the political and social changes of this period, and the role of the various states and individuals who were instrumental in the development of the nation.

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THE HISTORY OF THE

Faint, illegible text covering the majority of the page, likely bleed-through from the reverse side. The text is arranged in several columns and appears to be a historical or biographical account.

- Stannite, (Cassiterite), Sn. oxide
B.M. 20
- Star Sapphire, or Asteriod (Sapphire
Corundum), Al. &c. oxide
- Stassfurthite (Boracite), Mg. borato-
chloride. B.M. 56
- Staurolite, Grenatite or Staurotide,
Fe. & Mg. sil. ? B.M. 41
- Steatite, or Soapstone (Talc), Mg.
hyd. sil. B.M. 39
- Steatöid, Pseudamorph Serpentine,
of Snarum, Norway.
- Steinbutter, or Stonebutter. Fine
clay at Kiffhausen said to be used
by quarrymen as *butter*
- Steinheilite (Iolite), Al. Mg. &c.,
sil. B.M. 39
- Steinmannite, Pb. antimony-sulphide.
B.M. 12
- Steinmark, Al. Na. &c. hyd. sil.
- Stellite (Pectolite), Ca. hyd. sil.
B.M. 39 (syn. Pectolite)
- Stephanite, or Black Brittle silver
ore, Ag. antimony-sulphide, 11
- Stephensonite, Cu. hydro-sulphato-
carbonate
- Stercorite, Na. &c. ammonio-hydric-
phosphate
- Sternbergite, Ag. & Fe. sulphide. 10
- Stibilite, Stibiolite, Stilbite or
Stibiconise, Sb. hyd. oxide.
B.M. 26 (Stilbite).
- Stibite, native antimonious oxide
- Stiblite (Antimony-Ochre), Sb. hyd.
oxide, B.M. 26
- Stibnite, Antimonite, Antimony
Glance, or Gray Antimony, Sb.
native sulphide. B.M. 9
- Stilbite, Desmine, Hypostilbite of
Beudant, or Mesotype, Al. Ca.
& Na. hyd. sil. B.M. 46.
- Stilpnomelane, Al. & Fe. hyd. sil.
B.M. 50
- Stilpnosiderite (Göthite), Fe. hyd.
oxide. B.M. 18
- Stinkstone (Limestone), Ca. carb.
- Stolpenite (Bole), Al. &c. hyd. sil.
- Stolzite, or Scheeleitine, Pb. tung-
state, or wolframite. B.M. 53
- Strakonitzite, Fe. Al. &c. hyd. sil.
- Stratopseite (Rhodonite), Mn. Fe. &
Mg. hyd. sil. B.M. 38
- Stream Tin, or Pebble Tin Ore
(Cassiterite), Sn. oxide. B.M. 20
- Striegesane (Wavellite), Al. &c.
hyd. phosphate. B.M. 58
- Striped Jasper (Jasper), Si. oxide
- Stroganowite (Scapolite), Al. Ca.
&c. sil.
- Stromeyerite, or Stromeyerine, Ag.
& Cu. sulphide. B.M. 7
- Stromnite (Strontianite), Sr. carb.
B.M. 28
- Stromnite (Diallogite), Mn. & Ca.
carb.
- Strontianite, Sr. carb. B.M. 28
- Strontianocalcite (Calcite), Ca. carb.
with Sr.
- Struvite, or Guanite, Mg. ammonia
&c. hyd. phosphate. B.M. 58
- Stübelite, Mn. Fe. Cu. &c. hyd. sil.
- Studerite, Cu. Sb. As. Zn. &c.
sulphide
- Stygmite (Carnelian), Si. oxide.
- Stylo type, Sb. Cu. Ag. Fe. &c.
sulphide
- Stypticite, fibrous, (Copiapite), Fe.
hyd. sulphate.
- Succinite (Topazolite-Garnet), Al.
&c. sil.
- Sulphato-carbonate of Barytes,
(Witherite), Ba. sulphato-carbo-
nate. B.M. 28
- Sulphur native, S. B.M. 1.
- Sulphurous, or Hepatic Water
(Mineral Water), H. oxide with
Na. S. Ca. Mg. K. &c. sulphates
& carbonates.
- Sumpferz, Fe. &c. hyd. phosphate
- Sundvigite, Sundoikite, or Sundvil-
kite (Anorthite), Al. & Ca. sil.
- Sunstone, or Avanturine Felspar
(Orthoclase), Al. Na. K. &c. sil.
B.M. 44
- Surface Water (Water) H. oxide,
with Ca. sulphate, Na. chloride,
Mg. sulphate, &c., &c.
- Surturbrand (Lignite), C. oxy-
hydride
- Suzannite, or Susannite. Pb. carb.
and sulphate. B.M. 56
- Svanbergite, Al. Na. Ca. &c. sul-
phato-phosphate. B.M. 60

- Swamp Ore (Bog-iron-ore), Fe. hyd. oxide
- Syepoorite, Co. sulphide.
- Syhedrite, Al. Ca. Fe. &c. hyd. sil.
- Sylvanite, Aurotellurite, White or Graphic Tellurium, Ag. & Au. telluride. B.M. 9
- Sylvine, K. chloride. B.M. 13.
- Symplesite, Fe. hyd. arsenate, 53
- Szaibelyte, Mg. hyd. borate ?
- Szaskaite (Calamine), Zn. carb. 34
- Tabasheer, Si. hyd. oxide, &c.
- Tabergite (Pyrosclerite), Mg. Al. Fe. &c. hyd. sil. B.M. 49 (*var. Clinochlore*)
- Tabular Quartz (Quartz), Si. oxide
- Tachyaphaltite, Zr. Th. Fe. &c. hyd. sil. ? B.M. 52.
- Tachydrite, Mg. & Ca. hyd. chloride B.M. 14
- Tachylite, or Sideromelane, Fe. Al. Ca. Mg. Na. &c. hyd. sil. B.M. 50
- Tagilite, Cu. hyd. phosphate & oxide ? B.M. 57
- Talc, Mg. &c. hyd. sil. B.M. 39
- Talc-Apatite, (Apatite), Ca. Mg. &c. phosphate. B.M. 59
- Talc Lithomarge, Al. & Mn. hyd. silicate
- Talcite, Al. K. Fe. Ca. Mg. & Na. hyd. sil. ? *syn. Margarite.*
- Talcose Slate (Talc), Mg. &c. hyd. silicate
- Talkoid (Talc), Mg. &c. hyd. sil. ?
- Tallingite (Atacamite ?), Cu. hyd. oxy-chloride. B.M. 15
- Taltalite, Cu. Al. Fe. &c. sil.
- Tammela-tantalite (Tantalite), Fe. tantalate
- Tankite (Andalusite), Al. & Fe. sil. B.M. 41
- Tannenite, or Cupreous Bismuth, Bi. Cu. & Fe. sulphide. B.M. 12
- Tantalite, Fe. Sn. & Mn. tantalate. B.M. 51
- Tapiolite, Cu. hyd. sulphate
- Targionite (Galena), Pb. sulphide
- Tarnowitzite (Arragonite), Ca. & Pb. carbonate. B.M. 27
- Tasmanite, or Resiniferous Shale, C. oxy-hydride
- Tauriscite, Fe. hyd. sulphate
- Tautolite (Chrysolite), Mg. &c. sil. B.M. 36. (*var. Olivine*)
- Tectizite, Fe. hyd. sulphate ?
- Tekoretin (Scheererite), C. hydrated
- Telluric Iron (Native Iron, not meteoric), Fe. telluride
- Tellurite, or Telluric Ochre, Te. oxide
- Tellur-uran-bismuth (Tetradymite), Bi. telluride. B.M. 9
- Tellurium-gold (Gold), Au. with Te. sulphide
- Tellurium native, Te. B.M. 3
- Tennantite, or Copper Blende, Cu. & Fe. sulpho-arsenide. B.M. 11
- Tenorite (Melaconite), Cu. protoxide. B.M. 15.
- Tephroite, Mn. & Fe. sil. B.M. 36
- Teratolite (Lithomarge ?), Al. Fe. Ca. &c. hyd. sil. B.M. 46
- Terenite (Scapolite ?), Al. &c. sil.
- Terra di Sienna, Fe. hyd. sil.
- Tesselite (Apophyllite), Ca. K. &c. hyd. sil. B.M. 39
- Tesseral Pyrites, Co. Ni. Fe. &c.
- Tetartine (Albite), Al. K. &c. sil. B.M. 45
- Tetradymite, Bornite, or Telluric Bismuth, Bi. sulpho-telluride. 9
- Tetrahedrat Blende (Blende), Zn. sulphide
- Tetrahedrite, Grey Copper ore, Fahlerz, or Fahlore, Cu. antimony-sulphide with Zn. Fe. Ag. &c. B.M. 11
- Tetraphylline (Triphyline), Fe. Mn. Li. &c. phosphate. B.M. 57. (*syn.*)
- Texalite, Mg. & Mn. hyd. oxide
- Texasite, Ni. hyd. sil. B.M. 34 ? (*var. Emerald Nickel*)
- Thalite (Saponite ?), Mg. hyd. sil. B.M. 50. (*syn.*)
- Thallite (Epidote ?), Al. hyd. sil. B.M. 43.
- Tharandite (Pearl Spar), Ca. Mg. & Fe. carb. B.M. 32
- Thenardite, Na. &c. sulphate. 54
- Thermozatrite, Na. hyd. carb. sulphate and chloride ?

INDEX

Table with multiple columns listing names and page numbers, including entries like 'A. B. C.', 'D. E. F.', 'G. H. I.', etc.

The first part of the history of the
 world is the history of the
 creation of the world and the
 life of man. The second part
 is the history of the
 world from the time of the
 flood to the present. The third
 part is the history of the
 world from the present to the
 future. The fourth part is the
 history of the world from the
 future to the present. The fifth
 part is the history of the world
 from the present to the future.

- Thermophyllite (Serpentine), Mg. Al. Na. &c. hyd. sil. B.M. 40
- Thierschite, Ca. oxalate
- Thioursaurite (Anorthite), Al. Ca. &c. sil. B.M. 44
- Thomaite, Prismatic, Fe. carb.
- Thomsonite, Al. Ca. & Na. hyd. sil. B.M. 47
- Thorite, Th. Fe. Mn. U. Ca. &c. hyd. sil. B.M. 40
- Thraulite (Hisingerite), Fe. hyd. sil. B.M. 50. (*syn. Polyhydrite*)
- Thrombolite, Cu. hyd. phosphate. B.M. 57
- Thulite (Epidote), Al. Ca. &c. sil. B.M. 43
- Thuringite, or Owenite, Fe. Al. &c. hyd. sil. B.M. 50
- Tile Ore (Cuprite), Cu. oxide. 15
- Tilkerodite, or Raphanosmitte (Clausenthalite), Pb. Co. & Fe. selenide. B.M. 8
- Tinder Ore, Pb. & Sb. arsenio-sulphide
- Tin, native, Sn. ? Sn. oxide
- Tin-sand (Stream-tin), Sn. oxide
- Tinkal (Borax) Na. hyd. borate
- Titaniferous Cerite (Cerite) Ca. hyd. silicate
- Titaniferous Iron of Aschoffenburg (Ilmenite), Fe. titanate
- Titaniferous Iron Sand (Iserine), Fe. titanate
- Titano-oxidé chromifère (Rutile), Ti. & Cr. oxide ?
- Toad's-eye-tin (Wood-tin), Sn. oxide. B.M. 20
- Tofa Diamonds (Quartz) Si. oxide
- Tombazite (Gersdorffite) Ni. sulpho-arsenide. B.M. 10
- Tomosite, Mn. sil.
- Topaz, Al. sil. with Al. silico-fluoride. B.M. 41
- Topazgrenue (Topaz) Al. sil. &c.
- Topazolite (Garnet), Ca. Fe. Be. Al. & Mn. sil. B.M. 42
- Torbanite (Cannel Coal), C. Al. &c. oxy-hydrate with silica
- Tourmaline, Al. Mg. Li. &c. &c. sil. B.M. 50.
- Tourmaline of Ceylon (Chrysolite), Mg. &c. sil.
- Traversellite (Hedenbergite), Mg. &c. sil. B.M. 37
- Travertine (Tufa), Ca. carb. 31
- Tremenheerite (Graphite), C. with Fe. oxide &c.
- Tremolite, or Byssolite (Hornblende) Mg. Ca. &c. sil. B.M. 37.
- Trichalcite, Cu. hyd. arsenate, 57
- Trinacrite ? hyd. sil.
- Tripestone (Anhydrite), Ca. sulphate. B.M. 54
- Triphylline, Perowskine, or Tetrphylline, Fe. Mn. Li. &c. phosphate. B.M. 57
- Triplite, or Pitchy Iron ore, Mn. Fe. & Ca. phosphate. B.M. 57
- Tripoli (Opal), Si. hyd. oxide, with Clay, &c. B.M. 26
- Tritomite, Ce. Ta. Zr. La. &c. hyd. sil. B.M. 40
- Trona, Na. hyd. carb. B.M. 34
- Troostite (Willemite), Zn. Fe. &c. hyd. sil. B.M. 36
- Tscheffkinitite, or Tchewkinitite, Ce. Ti. Fe. Al. Ca. & Mg. hyd. sil. B.M. 52
- Tschermigite (Ammonia-alum), Ammonia, Al. &c. hyd. sulphate. B.M. 56
- Tuesite (Kaolin), Al. Ca. & Mg. hyd. sil.
- Tufa (Calcite), Ca. carb. B.M. 31
- Tufa-stone, or Trass, Al. &c. hyd. silicate
- Turf (Lignite), C. oxy-hydride
- Turgite (Hematite), Fe. oxide.
- Turnerite, Al. Ca. Mg. & Fe. oxide ? B.M. 16
- Turquoise, or Calaitite, Al. Ca. Cu. (?) Fe. & Mn. hyd. phosphate. B.M. 50 (*syn. Calaitite*)
- Tyrite, or Bragite (?) Y. Ce. Al. U. & Fe. tantalate, or niobate. B.M. 52. ? Fergusonite.
- Tyrolite, Cu. & Ca. hyd. arsenate. B.M. 57.
- Uigite, Al. Ca. & Na. hyd. sil.
- Ulexite, (Hayesine), Ca. hyd. borate
- Ullmannite, Sb. & Ni. sulpho-arsenide. B.M. 10

- Umber (Limonite), Fe. Al. & Mn. oxide. B.M. 19
- Uniaxial Mica (Mica), Al. Mg. &c. hyd sil.
- Unionite (Epidote), Al. Ca. }
&c. sil. } ?
- Unionite (Oligoclase) Al. &c. }
sil. B.M. 44 }
- Uralite (Hornblende), Mg. Ca. Al. &c. sil. B.M. 38
- Uralorthite (Orthite), Al. Fe. Ce. Ca. La. Mn. & Mg. hyd. sil. B.M. 43
- Urangreen (Uranium basic sulphate), U. Ca. Cu. &c. hyd. sulphate ?
- Uranite, or Chalcolite, U. & Ca. hyd. phosphate, B.M. 59
- Uranium, basic sulphate of, U. hyd. sulphate.
- Uralkalk-carbonat of Vogl., U. Ca. & Cu. hyd. sulphate.
- Uranocalcite, or Urangreen (?) U. Ca. Cu. &c. hyd. sulphate. B.M. 34
- Uranochre, U. hyd. sulphate. 56
- Uranophane, U. hyd. sil. B.M. 46
- Uranoniobite (Pitchblende), U. prot-oxide.
- Uranpecherz (Pittinerz ?), U. prot-oxide.
- Urao (Trona ?), Na. hyd. carb. B.M. 34 (*syn*)
- Urdite, Ce. La. Th. &c. phosphate. ? Monazite.
- Uwarowite (Garnet), Ca. Cr. Al. Fe. & Mg. hyd. sil. B.M. 42
- Valencianite (Adularia), Al. & K. sil. B.M. 45
- Valentinite, or White Antimony, Sb. teroxide, B.M. 26
- Vanadin-Bronzite (Diallage), Mg. &c. sil. B.M. 37
- Vanadinite, or Johnstonite, Pb. vanadate. B.M. 53
- Vanadinite, cupreous, Pb. & Cu. vanadate.
- Variiegated Agate, (Agate), Si. oxide
- Variiegated Clay (Clay), Al. &c. sil.
- Variiegated Vitreous Copper (Copper Glance), Cu. sulphide
- Variolite (Orthoclase), Al. Fe. Mg. Ca. Na. & K. hyd. sil. B.M. 45
- Variscite, Al. Mg. Fe. & Cr. hyd. phosphate, B.M. 58. (? var. Fischerite.)
- Varvacite (Pyrolusite), Mn. hyd. oxide. B.M. 21
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- Venus' or Cupid's Pencils (Amethyst), Si. oxide. ?
- Venus' hair-stone (Rock-crystal), Si. oxide
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- Verde di Corsica duro (Carinthine), Mg. Ca. &c. sil. B.M. 38
- Verde di Prato (Serpentine) Mg. &c. hyd. sil.
- Verde di Susa (Serpentine), Mg. &c. hyd. sil.
- Vermiculite (Pennine), Mg. Al. & Fe. hyd. sil. B.M. 49 (? var. Pyrosclerite)
- Verrucite of *Apjohn*, Ca. &c. sil. (? Mesolite or Scoulerite.)
- Vesuvian (Idocrase), Ca. Al. Fe. Mg. &c. hyd. sil. B.M. 42 (*syn. Idocrase.*)
- Vignite, Fe. carbonate & phosphate
- Villarsite, Mg. Fe. & Mn. hyd. sil. B.M. 40 (? hydrated Olivine)
- Violane, Al. & Fe. sil. B.M. 37
- Vitriolite, (Copperas), Cu. & Fe. hyd. sulphate
- Vivianite, Iron Phosphate, or Blue Iron, Fe. hyd. phosphate. 58
- Voglite, U. Ca. & Cu. hyd. carb. B.M. 34
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- Volborthite, Cu. Ca. &c. hyd. vanadate. B.M. 53
- Volcanite (Sulphur), S. &c. B.M. 4 (? Selen sulphur)
- Volgerite, Sb. hyd. oxide
- Völknerite, Mg. hyd. aluminate. 16
- Voltaite, Fe. hyd. sulphate. 56
- Voltzite, or Voltzine, Zn. oxy-sulphide. B.M. 15

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 Wagnerite, Mg. Fe. & Ca. phosphate with F. ? B.M. 60
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 Wall-Nitre, Na. carb. & sulphate
 Warm Alkaline Glauber Salt Water (Mineral Water) H. oxide with Na. sulphate &c. in solution
 Waringtonite, Cu. hyd. sulphate. B.M. 56
 Warwickite, or Enceladite. Fe. & Mg. boro - titanate. B.M. 56 (*syn. Enceladite*)
 Washingtonite (Ilmenite), Fe. titanate. B. M. 18. (? *var. Hystatite*)
 Wasserglimmer (Mica), Al. &c. hyd. sil. with K.
 Wasserkies (Marcasite), Fe. sulphide
 Water, or Natural Water, H. peroxide, chiefly associated with Ca. Na. & Mg. sulphates &c.
 Water-Opal (Semi-opal), Si. hyd. oxide
 Wavellite, or Devonite, Al. &c. hyd. phosphate. B.M. 58
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 White Grossular (Garnet), Al. &c. sil.
 White Malacolite (Diopside), Mg. &c. sil.
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- Wolnyn (Barytes), Ba. sulphate. B.M. 54, 55
- Wood-arsenate of Copper (Olivinite), Cu. hyd. phospho-arsenate
- Wood Iron-ore (Limonite), Fe. hyd. oxide. B.M. 19
- Wood-Opal (Semi-opal), Si. hyd. oxide. B.M. 26
- Wood-Tin (Cassiterite), Sn. oxide. B.M. 20
- Woody-Lignite (Lignite), C. oxyhydride
- Wörthite (Sillimanite), Al. &c. hyd. sil. B.M. 41
- Wulfenite, or Carinthite, Pb. molybdate. B.M. 52
- Wurtzite, or Spiaurite, Zn. Pb. & Fe. sulphide. B.M. 7
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- Xanthite (Idocrase), Ca. & Al. sil. B.M. 42
- Xanthocone, Ag. arsenio-sulphide. B.M. 12
- Xanthophyllite (Disterrite ?) Al. Mg. &c. hyd. sil. B.M. 49
- Xanthorthite (Orthite), Ce. Ca. Fe. &c. hyd. sil. ?
- Xanthosiderite (Limonite), Fe. &c. hyd. oxide. B.M. 19
- Xenolite (Sillimanite), Al. sil. B.M. 41
- Xenotime, Y. phosphate. B.M. 57
- Xylite, (Xylotile ?), Fe. hyd. sil. ?
- Xylochlore, Ca. hyd. sil. ?
- Xyloretin (Resin), C. hydrated
- Xylotile, Fe. hyd. sil. (? altered Chrysootile)
- Yellow Clay-iron-stone, (Limonite), Fe. hyd. oxide.
- Yellow Iron ore, (Limonite), Fe. hyd. oxide.
- Yellow Ochre (Ferruginous Clay), Al. &c. hyd. sil.
- Yellow Ochre (Limonite), Fe. hyd. oxide.
- Yellow Opal (Semi-opal), Si. hyd. oxide.
- Ytterite, or Ytter-carbonate, Y. carb. B.M. 34
- Yttria Garnet (Garnet), Al. Y. &c. sil. B.M. 42.
- Yttria, silicate of, Y. sil. ?
- Yttrocerite, Ca. Ce. & Y. hyd. fluoride ? B.M. 14
- Yttrilmenite, U. Fe. & Y. niobate & tungstate. B.M. 52
- Yttrotantalite, Y. Fe. &c. hyd. tantalate. B.M. 52
- Zamtite, Ni. hyd. carb.
- Zavalite, Ni. hyd. carb. ?
- Zeilanite or Candite (Pleonaste), Al. Mg. & Fe. oxide ? *synonyme*.
- Zeolite, a term used for Minerals that form a jelly with acids; viz. Laumontite, Natrolite, Scolecite, Heulandite, Stilbite, Mesolite, Apophyllite, Ichthyophthalmite, Oxhaverite, Tesselite, & Mesotype.
- Zeugite, Ce. Mg. &c. phosphate. ?
- Zeuxite (Tourmaline), Al. Fe. &c. silicate
- Ziegelerz, Cu. & Fe. chloride. (?) (? Tile ore)
- Zinc, cupreous silicate of, (Smithsonite), Zn. hyd. siliceous oxide coloured with Cu.
- Zinc, iodide and bromide of
- Zinc Iron-spar (Kapnite) Zn. carb.
- Zinc native, Zn.
- Zinc Lead Spar, Pb. & Zn. carb.
- Zincsilicate Zn. & Al. hyd. sil. ?
- Zincite, Spartalite, or Red oxide of Zinc, Zn. & Mn. oxide. B.M. 15 (*syn. Spartalite*)
- Zincone, or Zinc Bloom, Zn. hyd. oxide & carbonate. B.M. 34
- Zinkenite, Pb. & Cu. antimony-sulphide. B.M. 12
- Zinnwaldite (Lepidolite-Mica), Al. K. &c. hyd. sil. B.M. 44
- Zippeite (Uran-ochre), U. Cu. &c. hyd. sulphate. B.M. 56
- Zircon, or Zirconite, Zr. & Fe. sil. B.M. 20
- Zoisite, Al. Ca. Fe. & Mg. sil. 43
- Zorgite, Pb. & Cu. selenide ? 8
- Zwieselite, or Iron Apatite, Fe. & Mn. phosphate with F. B.M. 60
- Zygadite (Albite), Al. & Li. sil. 45

ERRATA.

The Student is requested to correct the following Errata, before using the Index.

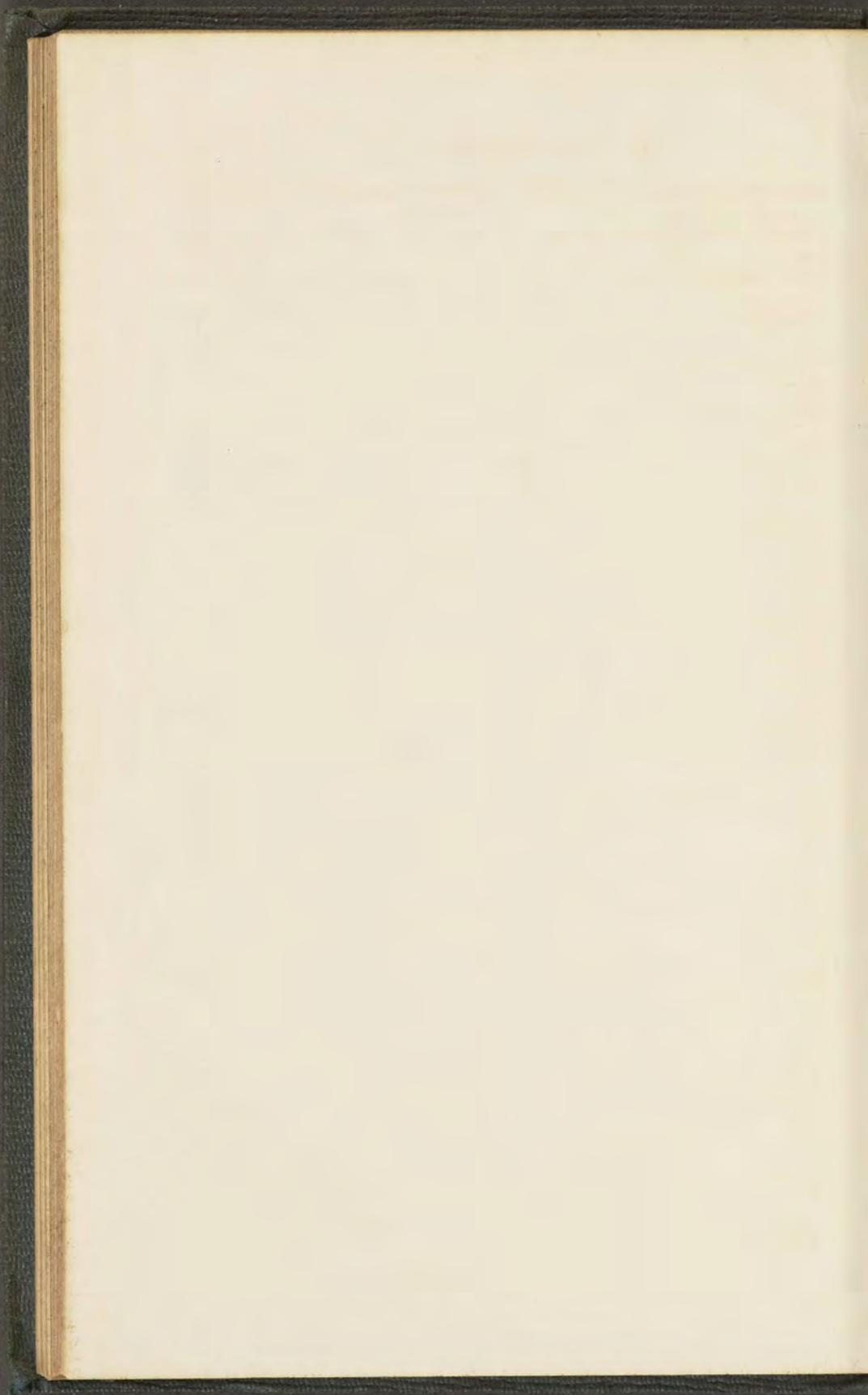
Page		should be	
1.	Acanthoide,	"	Acanthoide.
2.	Allochroite, Al. Fe. &c.	"	Ca. Al. Fe. &c.
3.	Argentite (Ag.)	"	Argentite.
4.	Biharite, Mg. hyd. sil.	"	Mg. Al. Ca. & K. hyd. sil.
5.	Bitumen Bitter-Spar &c. Ca. & Mg. carb.	"	Ca. & Mg. carb. with Bitumen.
—	Boro-natrocalcite, Ca. hyd. borate	"	Ca. Na. &c. hyd. borate.
—	Botallackite, Cu. oxy-chloride	"	Cu. hyd. oxy-chloride.
6.	Brushite, Ca. phosphate	"	Ca. hyd. phosphate.
7.	Carrallite, Mg. & K. chloride	"	Mg. & K. hyd. chloride.
—	Carphosiderite, Mg. & Al. hyd. sil.	"	Mg. Al. Fe. &c. hyd. sil.
8.	Chlorite, Mg. & Al. hyd. sil.	"	Mg. Al. Fe. &c. hyd. sil.
—	Chlorophosite,	"	Chlorophæite.
10.	Coquimbite, Fe. hyd. sulphate	"	Fe. & Ca. hyd. sulphate.
—	Corandelite,	"	Corundellite.
—	Corundophyllite, Fe. hyd. sil.	"	Fe. Mg. & Al. hyd. sil.
—	Cuivre	"	Cuivre.
11.	Devilline, Ca. hyd. sil.	"	Cu. & Ca. hyd. sulphate.
—	Disterite,	"	Disterrite, B. M. 49 (Brandseite).
—	Dopplerite,	"	Dopplérite.
12.	Ellargite,	"	Ellagite.
13.	Eucarite,	"	Eucairite.
—	Euosmite, C. hydrated,	"	O. oxy-hydride.
—	Euphillite,	"	Euphyllite.
—	Eupychroite,	"	Eupyrchroite.
—	Eusynchite, Pb. vanadate,	"	Pb. & Zn. vanadate.
—	Euxenite Y. &c.	"	Y. Eb. '1b. & Th. titano-niobate.
—	Farcelite,	"	Faröelite.
—	Felsobanyite,	"	Felsöbanyite.
—	Felspar, Al. sil.	"	Al. K. Na. & Ca. sil. ?
14.	Fettbol,	"	Fettbol.
—	Fibrons,	"	Fibrous.
—	Fluocerine, Ce. basiç, &c.	"	Ce. basic. &c.
—	Fontainebleau,	"	Fontainebleau.
—	Fournelite,	"	Fournelite.
—	Froncolite,	"	Francolite.
15.	Glanbapatite,	"	Glaubapatite.
16.	Guyaguillite,	"	Guyaguillite.
—	Hair Nickel	"	Hair Nickel, syn. Millerite.
—	Haidingerite,	"	Haidingerite.
17.	Häüyne, Al. & Na. sil.	"	Al. Ca. & Na. sil.
—	Hæmatite,	"	Hæmatite.
—	Hjelmite Fe. & Y. tantalate,	"	Fe. Sn. Y. & U. tantalate.
18.	Hydrophane, Si. hyd. oxide	"	Si. & Mg. hyd. oxide.
19.	Iridescent	"	Iridescent
—	Jasper, Si. oxide	"	Al. Fe. Mg. & K. hyd. sil. ?
20.	Kæmmerite,	"	Kæmmerreite.
—	Kakachlor,	"	Kakochlor.
—	Kalkvolborthite (Völborthite),	"	Kalkvolborthite (Volborthite).
—	Keilhauite,	"	Keilhauite.
—	Kerolite, Mg. hyd. sil.	"	Mg. & Ni. hyd. sil.
—	Kies-igluur,	"	Kieselguhr.
—	Konarite, Ni. hyd. phosphate,	"	Ni. &c. hyd. sil. ?
—	Krantzite,	"	Krantzite or <i>Krantzine</i> .
21.	Kupferchwärze,	"	Kupferschwärze.
—	Lead Oxychloriodide,	"	Pb. & Fe. chloro-iodide.
23.	Manganopal Opal,	"	Manganopal (Opal)
24.	Meionite, Al. & Ca. sil.	"	Al. Ca. Na. &c. sil.
—	Menacannite (Imerite)	"	Menacannite (Imerite)
25.	Moffrasite, (Bleineirite)	"	Moffrasite (Bleineirite)
26.	Native Nickeliferous Iron,	"	Native Nickeliferous Iron.
—	Nickel-Linnæite (Linnæite),	"	Nickel-Linnæite (Linnæite).
28.	Paterlite (Molybdenite),	"	Paterlite (Molybdenite).
—	Pelokonite (Cupreous &c.),	"	Cupreous &c.
—	Petrosilex,	"	Petrosilex
28.	Plumbrosenite, or Plombgomme,	"	Plumbrosenite, or Plombgomme.
—	Polysphærite,	"	Polysphærite.
31.	Protobasite ?	"	Protobasite.
—	Rahite (underscribed)	"	Rahite (underscribed).
—	Ranchkalk	"	Rauchkalk.
—	Rhodocrome,	"	Rhodochrome.
33.	Sandastros (Aventurine Quartz)	"	Sandastros (Aventurine Quartz)

S U P P L E M E N T .

- | | |
|--|---|
| <p>Alabastro Agato (Alabaster) Ca. carb. &c.</p> <p>Allochite (Epidote) Al. &c. sil.</p> <p>Antizon Bleiglanz, Galena containing Antozon</p> <p>Antozonite, Ca. fluoride</p> <p>Aquamarine Topaz (Topaz), Al. sil. &c.</p> <p>Arsenikfalerz (Tetrahedrite), Cu. As. &c. sulphide</p> <p>Asbeferrite, or Ferruginous Asbestos (Asbestos), Mg. Ca. &c. sil. with Fe. oxide</p> <p>Asphalt Glance (Asphalt), C.H.O.</p> <p>Auriferous Amethyst (<i>Museum of Practical Geology</i>)</p> <p>Basalt-Jasper (Jasper), Si. &c. hyd. oxide ?</p> <p>Bathvillite C. oxy-hydride</p> <p>Bergblau, Cu. earthy carb.</p> <p>Benstite (Zoisite), Al. Ca. &c. sil.</p> <p>Black Arsenic, As. oxide ?</p> <p>Bleisanderz, Galena in Sandstone</p> <p>Bourboulite, Fe. hyd. sulphate</p> <p>Bragite, ? identical with Tyrinite and Fergusonite</p> <p>Callais, Al. &c. hyd. phosphate, with F.</p> <p>Calcareous Calamine (Calamine), Zn. & Ca. carb. ?</p> <p>Capillary Pyrolusite (Pyrolusite) Mn. oxide.</p> <p>Cellular Quartz (Quartz), Si. oxide</p> <p>Chionit. (Cryolite), Al. & Na. fluoride ?</p> <p>Chloride & Sulphate of Soda ?</p> <p>Chloride & Sulphate of Soda & Potash ?</p> <p>Chloromelanite, Al. Na. Fe. Ca. &c. sil.</p> | <p>Chlorophanerite (Delessite), Mg. & Al. hyd. sil.</p> <p>Christophite, Zn. Fe. Mn. & Cd. sulphide</p> <p>Chromeglimmer, Al. Mg. K. Fe. Cr. Mn. & Na. hyd. sil. ?</p> <p>Clay Coal, or Lettenkohle (Coal), C. oxy. hydride &c.</p> <p>Clayey Sphaerosiderite (Sphaerosiderite), Fe. hyd. carb. &c.</p> <p>Cobalt Scorodite ?</p> <p>Copper Zinc Spar (Calamine), Zn. & Cu. carb. ?</p> <p>Dioxylyte, Pb. sulphato-carbonate</p> <p>Earthy Greenockite, or Cadmium-oxyd (Greenockite), Cd. sulphide</p> <p>Earthy Magnetic Iron, or Eisenmohr, (Magnetite), Fe. oxide</p> <p>Earthy Sulphide of Silver (Stephanite ?), Ag. sulphide</p> <p>Eckmannite, Fe. & Mn. hyd. sil.</p> <p>Elhuyarite, or Elhujarit (Carolathine), Al. & Fe. hyd. sil.</p> <p>Erdharz, C. oxy-hydride ?</p> <p>Fauserite, Mn. & Mg. hyd. sulphate</p> <p>Felstone, or Compact Felspar (Felspar), Al. sil. ?</p> <p>Ferberite, or Tantaliferous Wolfram (Wolfram), Fe. Mn. Ca. & Sn. tungstate & tantalate ?</p> <p>Ferruginous Chlorite (Chlorite), Mg. Al. & Fe. hyd. sil.</p> <p>Ferruginous Jasper (Jasper), Si. Fe. &c. hyd. oxide ?</p> <p>Fetid Quartz (Quartz), Si. oxide.</p> <p>Fibrous Alum ? (Alum), Al. &c. hyd. sulphate</p> <p>Fibrous Bismuth (Native Bismuth),</p> |
|--|---|

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- Fibrous Brown Coal, or Bastkohle (Lignite), C. oxy-hydride
 Fibrous Calcite (Calcite), Ca. carb.
 Fibrous Coal, (Coal), C. oxy-hyd.
 Fibrous Sulphur (Native Sulphur),
 Fritschite (Uranite), U. & Ca. hyd. phosphate. ? decomposed Uranite
 Germanit, of *Breithaupt* ?
 Gibsonite, like Prehnite ? (*Bristow*)
 Globosite, Fe. &c. hyd. phosphate
 Globular Jasper (Jasper) Si. &c. oxide
 Grünmangan, or Green Silicate of Manganese, Mn. sil.
 Hair Stone (Rock Crystal) Si. oxide, with crystals of Rutile
 Hepatic Arsenical Cobalt (Erythrite ?), Cu. hyd. arsenate
 Hessenbergite (Adularia), Al. &c. sil.
 Honigstein, C. & Al. oxy-hydride ?
 Hornblende Slate, Al. Mg. &c. sil.
 Hydrocinit (Zincite), Zn. hyd. oxide.
 Hydrous Tephroite (Tephroite), Mn. & Fe. hyd. sil.
 Iodiferous Lead, or Jodblei, Pb. iodide.
 Ioguneit, of *Nordenskiöld*, Fe. arsenide
 Iris (Rock-Crystal), Si. oxide
 Joketan of *Breithaupt* (Clay ?) Al. hyd. sil.
 Jollylite, Al. Fe. & Mg. hyd. sil.
 Kainite, K. Mg. &c. hyd. sulphate chloride ?
 Kalicin, K. Ca. & Mg. hyd. carb.
 Keffekilit (Clay ?) Al. hyd. sil. (? var. Lithomarge)
 Keityoit (Spodumene), Al. Li. Na. &c. sil.
 Kevil (Calc-spar, Fluor & Barytes ?)
 Kimbleit ?
 Klapperstein (Clay Iron Stone ?), Fe. carb.
 Konilit (Quartz) Si oxide
 Korynit of *Zepharowich* ?
 Kryptomorphite, Ca. Na. &c. hyd. borate
 Kugeljaspis (Jasper), Si. oxide, &c.
 Kupfferite Mg. (?) Fe. Ca. Cr. & Ni. sil.
 Lait de lune (Calcite), Ca. (fibrous) carb.
 Lanthan-cerium-scapolite (Scapolite), Al. Ca. La. & Ce. hyd. sil.
 Lead and Copper vanadate
 Leptonemerz of *Breithaupt* (Pyrolusite), Mn. oxide
 Libethenite, Cu. hyd. phosphate
 Lithionite, Ca. sil.
 Magnesia Idocrase (Idocrase), Al. Ca. Mg. &c. sil.
 Magnetic Iron Sand (Magnetite), Fe. oxide, &c.
 Mamanite, Ca. Mg. & K. hyd. sulphate ?
 Mangan-Jasper (Jasper), Si. Mn. &c. oxide
 Manganwolframit (Wolfram), Fe. Mn. &c. tungstate, or wolframiate
 Megabasit (Wolfram), Fe. &c. tungstate, or wolframiate
 Melaxoite, Mg. Al. Fe. & Mn. hyd. sil.
 Melosark (Lithomarge ?), Al. hyd. sil. ? Mountain Milk
 Metabushite, Ca. &c. hyd. phosphate ?
 Meteorikies. The Pyrites of Meteoric Iron ?
 Miaskite, or Miascite ? pseudomorph Tremolite, with Ca. & Mg. carb.
 Molisite, Fe. titanate. ?
 Molybdänuran, U. molybdate
 Monimolite of *Igelström*, Pb. antimoniate
 Mornit (Hornblende), Mg. Ca. &c. sil.
 Needle-Coal (Coal), C. oxy-hydride
 Nickeliferous Calamine (Calamine), Zn. & Ni. carb.
 Nickelthoneisenzinksilicat, Fe. Ni. & Zn. sil.
 Olive Quartz (Quartz), Si. oxide
 Oolite (Calcite), Ca. carb.
 Oolitic Clay Iron, or Hirseneisenstein (Clay Iron Stone), Fe. carb.

- Palæonatrolite (Natrolite pseudo-
 morph), Al. Ca. &c. hyd. sil. ?
 Paraffine Coal (Coal), Brown Coal,
 containing Paraffine.
 Pastrexit, Fe. & Al. sulphate ?
 Periklasit (Phosphorite), Ca. & Fe.
 hyd. phosphate ?
 Phaestin (Anthophyllite pseudo-
 morph) ?
 Pierre des Incas (Marcasite), Fe.
 sulphide.
 Plombierite, Ca. hyd. sil. (*Daubrée*)
 Pozzuolana, Volcanic Ashes
 Pyromeride ?
 Radiated Blende (Blende), Zn.
 sulphide ?
 Rhombenglimmer (Biotite), Al. &
 Mg. hyd. sil.
 Richterit of *Breithaupt*. Fe. sil.
 Scaley Blende (Blende), Zn. sul-
 phide
 Schweruran, or Heavy Pitchblende
 (Pitchblende), U. &c. oxide ?
 Selenic sulphide of Mercury & Zinc.
 Zn. Hg. & Se. sulphide
 Selenkies, or Seleniferous Iron
 Pyrites (Pyrites), Fe. seleniferous
 sulphide
 Siderobol (Bole), Al. & Fe. hyd.
 sil. &c. ?
 Silbeloit (Pyroxene), Mg. &c. sil.
 Skotiolit, Fe. & Mg. hyd. sil. ?
 Snarumit (Anthophyllite), Mg. &c.
 sil.
 Soimonit (Batrachite), Mg. & Ca.
 sil.
 Sommit of *Breithaupt* (Leucite),
 Al. & K. sil.
 Steel-cobalt, Co. arsenide
 Tiger Ore, Ag. sulphide (?)
 Timazit, ? Meteoric Iron
 Torrelite, Ca. Fe. Ce. &c. hyd.
 Troilit, ? Meteoric Iron
 Vanadincisenerz, Fe. vanadate
 Vanadin-Molybdänblei, Pb. & Mo.
 vanadate
 Vanadio-phosphate of Copper, Cu.
 & V. phosphate
 Vasit, a Swedish mineral (?)
 Vestan (Felspar ?) Al. &c. sil.
 Vestan-cobalt (Felspar ?), Al. &c.
 sil.
 Walerian of *Breithaupt*, or Ferru-
 ginous Pyroxene (Pyroxene), Mg.
 Fe. &c. sil.
 Wolfram tantalifère (Wolfram), Fe.
 Mn. Ta. &c. tungstate, or wol-
 framiate
 Xonaltit, Ca. hyd. sil. .
 Yttria Ochre, Y. oxide ?

*Corrections, &c. addressed to the Publishers, will be thankfully
 received.*



