

September 1962

S.T. = Teaching Sets. Main Lab. (SF on.)

S.E. = Examination sets. ~~Museum~~ Basement (Box 1-25)

S.R. = Regional sets & stratigraphic sets.

S = Sedimentary Rocks.

Unless otherwise stated there is only one specimen of each type

Sedimentary Rocks: Geology Dept. T.C.D.

5

Number.

S. 1.	Medium grained sandstone with shells. Drift boulder. Greystones, Co. Dublin.	S.T. 1.
S. 2.	Medium grained sandstone.	"
S. 3.	Fine grained, Devonian sandstone. Finely bedded, estuarine. Titterstone, Clee, Shropshire.	"
S. 4.	Coarse grained quartzite. Basal quartzite, Assynt.	"
S. 5.	Medium grained sandstone. Bunter Sandstone, Belfast.	"
S. 6.	Medium grained quartzite. Wexford.	"
S. 7.	Medium grained sandstone. Duggeralla.	"
S. 8.	Fine grained, glauconitic sandstone. Upper Greensand, Surrey.	"
S. 9.	Medium grained sandstone. Triassic. Scrabo, Co. Down.	"
S. 10.	Medium grained, siliceous sandstone. (Prammite silicifere noir fait partie d'un amas de la roche de travertin à Saint Nectaire.)	"
S. 11.	Fine grained sandstone. Road S.W. from Spink Mt.	"
S. 12.	Medium grained sandstone. 'Lower Marine', Seuilir, Paris.	"
S. 13.	Fine grained, glauconitic sandstone. Greensand	"
S. 14.	Micaceous, fine grained, thin bedded sandstone.	"
S. 15.	Medium grained glauconitic sandstone with quartz granules. Greensand, Ballygally Head, Co. Antrim.	"
S. 16.	Medium grained sandstone. Triassic, Hurlough Bay, Co. Antrim.	"
S. 17.	Fine grained, friable sandstone.	"
S. 18.	Sandy glauconitic base of chalk, Co. Antrim.	"

S. 38.	Fine grained sandstone. Coomshola Grit, Coomshola River, nr. Bantry. L.B.S. Coll.	S.T. 1.
S. 39.	Fine grained sandstone. O.R.S., West Cove, Co. Kerry.	"
S. 40.	Medium grained sandstone. Yoredale Sandstone, Fary River, nr. Cloaghur.	"
S. 41.	Medium grained quartz sandstone. 10 Thin sections,	"
S. 42.	Medium grained sandstone. Carboniferous, Freienohd, Westphalia.	"
S. 43.	Fine grained sandstone. O.R.S., West Cove, Co. Kerry. 10 Thin sections.	"
S. 44.	Fine grained grauwacke. O.R.S., Valentia Island.	"
S. 45.	Fine grained sandstone. Lumsdin's Bay, Hook Head 10 Thin sections.	"
S. 46.	Medium grained, friable sandstone. Carboniferous, Ballycastle, Co. Antrim.	"
S. 47.	Fine grained sandstone. Molasse, Berne.	"
S. 48.	Fine grained, micaceous flagstone.	"
S. 49.	Fine grained grauwacke. Allrode, Hartz. 10 Thin Sections	"
S. 50.	Fine grained sandstone. Trias, Belfast.	"
S. 51.	Fine grained sandstone. Kiltoran. 10 Thin sections	"
S. 52.	Fine grained, laminated, micaceous sandstone. Cliffs of Moher, Co. Clare.	"
S. 53.	Fine grained, glauconitic sandstone. Greensand, Werl, Westphalia.	"
S. 54.	Fine grained sandstone with plant impressions	"
S. 55.	Fine grained sandstone with occasional quartz granules. Bunter Sandstone, Heidelberg.	"
S. 56.	Medium grained sandstone. Whiting Bay.	"

S. 57.	Coarse grained sandstone with quartz pebbles. Top of O.R.S., T3 borehole, Tynagh, Co. Galway.		S.T. 1.
S. 58.	Coarse grained, friable sandstone. - 1 THIN SECTION.		"
S. 59.	Fine grained, sandstone with shells. 'Lower Marine' Sandstone, Sculir, Paris.		"
S. 60.	Medium grained sandstone with schist fragments. Brewershill, Dunlavin, Co. Wicklow. - 1 THIN SECTION.		"
S. 61.	Coarse grained sandstone.		"
S. 62.	Fine grained sandstone.		"
S. 63.	Fine grained, white quartzite.		"
S. 64.	Fine grained, flaggy, rippled sandstone. Carboniferous, Bunstrahur Bay, S.W. 47.	} x 10 thin sections. Petrology Lab. 1 THIN SECTION - SEDIMENTARY COLLECTION	"
S. 65.	Coarse grained white quartzite.		"
S. 66.	Medium grained sandstone.		"
S. 67.	Medium grained subgreywacke. New Pier, Loughill.	See slide P. 843.	"
S. 68.	Medium grained greywacke. Silurian, roadside quarry N. of Granard.	{ x 10 thin sections Petrology Lab.	"
S. 69.	Medium grained sandstone. Loughill.		"
S. 70.	Medium grained, impure sandstone. Loughill.	See slide P. 844.	"
S. 71.	Fine grained, red sandstone.		"
S. 72.	Granite in argillaceous limestone (Calp) Donnybrook Quarry, Co. Dublin.		ST.
S. 73.	Calcareous breccia. Krantz Set No 141	Manebach, Thuringia.	ST.
S. 74.	Calcareous breccia Rush. Co. Dublin.	10 thin sections: teaching collection	ST.

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| S 75. | Quartz pebble conglomerate.
Old Red Sandstone. | S.T. |
| S 76. | Hötting Breccia. Hötting near Innsbruck, Switz.
Inter-glacial Quaternary deposit | S.T. |
| S 77 | Quartz pebble conglomerate.
Basal Carboniferous. | S.T. |
| S 78 | Conglomerate with flint pebbles — 1 THIN-SECTION. | S.T. |
| S 79 | Permian sandstone with pebbles
Sernifit, Canton of Glarus. | S.T. |
| S 80. | Conglomerate, E. Indies. | S.T. |
| S 81 | Conglomerate with flint pebbles. | S.T. |
| S 82 | Breccia with slate fragments.
Stennick's Island, Skerries, Co. Dublin. | S.T. |
| S 83. | Quartzite with quartz pebbles. | S.T. |
| S 84. | Conglomerate. Polygenetic Nagelflagh
Switzerland. | S.T. |
| S 85. | Conglomerate with several types of pebbles. | S.T. |
| S 86. | Kimberlite. De Beers 'Hard Blue'. (<u>Volcanic</u> breccia).
Premier Mine, Kimberley, S. Africa. | S.T. |
| S 87. | Breccia with slate flakes. | S.T. |
| S 88. | Conglomerate.
Great Wall of China at Hoo-hi-tu. presented. Lieut. Lyster R.E. | S.T. |
| S 89. | Quartz pebble conglomerate
Carton. 1 mile N.E. of Maynooth. Co. Kildare. | |

- S90. Conglomerate with quartz pebbles.
Slieve League, Co. Donegal. Collected Prof. L.B. Smyth S.T.
- S91. Conglomerate.
O.R.S. Donebake, Co. Dublin. - 1- THIN SECTION. S.T.
- ✓ S92. Quartz pebble conglomerate. Fair Head. Calciferous Sst. Series.
Lower Carboniferous, Ballycastle; Co. Down. - 1- THIN SECTION. S.T.
- S93. Flow breccia, lower Palaeozoic.
Portraine, Co. Dublin. 1 THIN SECTION. S.T.
- S94. 'Mullatto Stone.' Conglomerate at base of Chalk: with glauconite.
Murlough Bay, Co. Antrim S.T.
- S95. Conglomerate.
Old Red Sandstone, Portraine, Co. Dublin. S.T.
- S96. Conglomerate.
Basal Carboniferous. S.T.
- S97. Conglomerate with quartz pebbles.
O.R.S. Symonds Yat, Wye Valley. S.T.
- S98. Breccia, Base of Permian.
Kimberly. Notts. England' S.T.
- S99. Red sandstone conglomerate. Trias.
N. of Red Arch. Cushendall, Co. Antrim. S.T.
- S100. Conglomerate. Lower Carboniferous.
Ballycastle, Co. Antrim. S.T.
- S101. Breccia containing bone fragments. 'Bone breccia'. S.T.
- S102. Conglomerate with quartz pebbles
Skeries, Co. Dublin (Basal Carboniferous). S.T.
- S103. Breccia containing angular quartz fragments
Duffcarrick shore, Co. Wexford. S.T.

- S104. Coal conglomerate. Sandstone containing rounded pebbles of coal.
Mayberry's Coal Shaft, Staple Hill. Bristol - 1 THIN SECTION. S.T.
- S105. Conglomerate with different pebble types in red sand matrix. S.T.
- S106. Purple mudstone with shell fragments.
Carboniferous. Murlough Bay. Antim. S.T.
- S107. Claystone with quartz grains.
'Potters Clay'. Täpferthon. Röttgen. Bonn am Rhein.
Krantz Set. No. 90. S.T.
- S108. Alum Slate.
Limbach. Saxony. - 1 THIN SECTION. S.T.
- S109. Baked mudstone (Horntfels) with ammonites.
Lias. Portrush. Antim. S.T.
- S110. Fossiliferous mudstone. Lower Palaeozoic.
Dingle. - 1 THIN SECTION. S.T.
- S111. Slate.
Near Carrick-on-Suir S.T.
- S112. Graphitic Slate also marked Graphitic Shale.
Fichtelgebirge S.T.
- S113. Mudstone with ammonites.
Lias. Larne, Co. Antrim. - 1 THIN SECTION. S.T.
- S114. Shale with *Avicula costata*.
Rhaetic, Belfast. Ireland. S.T.
- S115. Claystone with plant fragments
Trias, near Limavady, Co. Derry. - 1 THIN SECTION S.T.
- S116. Pyritic slate S.T.
- S117. Slate. Gortcross - 1 THIN SECTION. S.T.

- S118 Marl with *Gryphaea arcuata*.
Lias, Larne, Co. Antrim. S.T.
- S119. Loess. S.T.
- S120 Sandy shale
Lias. Larne. Co. Antrim - 1 THIN SECTION S.T.
- S121 Claystone. Keuper.
Springfield Road. Belfast. S.T.
- S121 Claystone. 'Potters Clay'. Seat Rock. Australia. ST.
- S122 Keuper Marl. Belfast. - 1 THIN SECTION S.T.
- S124 Claystone (White Lias). Rhaetic. Larne. Co. Antrim ST.
- S125. Calcareous claystone. San Remo. S.T.
- S126. Claystone. S.T.
- S128 Brick clay with gypsum. Kingscourt. Co. Cavan ST.
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S128. Claystone with gypsum bands. Kingscourt. Co. Cavan. ST.
- S129 Laminated marlstone S.T.
- S130 White, non-calcareous. claystone. Krantz set No. 272 S.T.
- S131 Carbonaceous shale. Lower Carboniferous.
Lough shining, Co. Dublin. S.T.
- S132 Marlstone with leaves. Contains coccoliths.
From 17 feet below bed of R. Liffey. S.T.
- S133 Gaster. Siltstone with plant fragments. - 1 THIN SECTION. ST.
- S134 Glauconitic fine-grained calcarenite - 1 THIN SECTION.
Krantz Set. 151. S.T.

- S135. Fine grained black argillaceous limestone with crinoid plates.
Lower Carboniferous. S. shore of Clew Bay, Co. Mayo. S.T.
- S136. Crystalline limestone. Krantz set No 142. - 1 THIN-SECTION. S.T.
- S137. 'Hydraulic limestone'. Dark grey calcilutite. - 1 THIN-SECTION.
Porta. Westphalia. S.T.
- S138. Dark grey calcilutite containing pockets of crinoid fragments
Kildare Limestone. Upper Ordovician. Chair of Kildare. S.T.
- S139. Sandy limestone. Ordovician. Grangegeath. Co. Meath. - ~~1 THIN-SECTION~~ S.T.
1 THIN-SECTION.
- S140. Dark grey calcilutite with crinoid ossicles. Krantz Set. No 183 S.T.
- S141. Crystalline limestone. Gottendorf. - 1 THIN-SECTION.
- S142. White limestone with crinoid fragments. Krantz Limestone Ser No. 146 S.T.
1 THIN-SECTION.
- S143. Bituminous grey calcilutite. Tattenborn. Hartz. 1 THIN-SECTION. S.T.
- S144. Ordovician limestone. Portlaine. Co. Dublin. 1 THIN-SECTION. S.T.
- S145. Ordovician limestone. Donmurry Hill. Kildare. S.T.
- S146. ^{Fine-grained.} ~~Algal~~ limestone. Calcilutite. ^{Turonian.} ~~Carboniferous.~~ Bruckwede. Westphalia (Krantz 284) S.T.
1 THIN-SECTION
- S147. Crinoidal limestone (crinoid calcarenite or encrinite) 10 Thin sections S.T.
- S148. Portlaine Limestone. Portlaine. Co. Dublin - 1 THIN-SECTION. S.T.
- S149. Crinoidal calcarenite with lime mud matrix. Krantz Limestone Ser No 187 S.T.
- S150. Graptolitic mudstone Donoghadee. Lower Palaeozoic. 10 Thin sections for teaching. S.T.
- S151. Fine-grained limestone. Gottendorf. S.T.
- S152. Dark grey calcilutite. Lias. Larne. S.T.
- S153. ~~Oolitic Portland Stone~~ Layered calcilutite with dolomite & dolomitisation brecciation.
East Quarry. Feltrim Hill Co. Dublin. S.T.

- S154 Reef limestone with fibrous calcite on bryozoa and dolomitization (brown)
East Quarry. Feltrim Hill. Co. Dublin. S.T.
- S155 Vertical algal bands about blocks of shelly reef.
Mid. Magnesian limestone. Tunstall Hills Sunderland. S.T.
- S156. Shelly reef limestone with stunted brachiopods
Mid. Mag. limestone. Tunstall Hills Sunderland. S.T.
- S157 Reef limestone with bryozoa and fibrous calcite. Feltrim Hill. S.T.
- S158. Reef limestone with fenestrate bryozoa. Feltrim Hill. S.T.
- X
S159 Reef limestone with bryozoa and fibrous calcite showing contact with banded calcilutite. East Quarry Feltrim Hill. Dublin. S.T.
- S160 Cork 'Red Marble': limestone with iron-staining
Quarry N.W. of Rock Farm. Little Island. Co. Cork. S.T.
10 thin sections into teaching collection.
- S161. Fibrous calcite patterns around bryozoa, emphasised by differential weathering. Feltrim Hill. Co. Dublin. S.T.
- S162 Banded calcilutite. S. wall of East Quarry. Feltrim Hill S.T.
- S163 Bryozoan reef limestone. Feltrim Hill. Co. Dublin. S.T.
- S164 Limestone with shell fragments. Tertiary. Lago. Verona. S.T.
- S165 Limestone with ~~shells~~ & ~~gastropods~~. Pachypora. Devonian. Torquay. S.T.
10 Thin sections: teaching Devon.
- S166 Limestone with shells & gastropods Eocene. S.T.
- S167 Jurassic limestone with Terebratula. Prattenburg. S.T.
- S168 ^{Fine-grained} ~~Crinoid~~ limestone with shell fragments. Krantz Ser. S.T.
- S169 Fossiliferous limestone: calcite around shells. S.T.
- S170. Fossiliferous Limestone. Island Magee. Lias. S.T.
Co. Antrim.

- S171 Foraminiferal limestone. Eocene. plus shell debris. 10 thin sections for teaching. S.T.
- S172 Chalk with *Belemnites*. (hard Antim Chalk).
Cretaceous. Glen Ballyemmon. Co. Antrim. ST.
- S173 Calcareous sandstone with shell fragments.
Silurian. Near Oughterard. Co. Galway. S.T.
- S174 Oolitic limestone with *Syringopora gemiculata*
Bristol. ST.
- S175 Fine-grained freshwater limestone with limnea (*Calcaire marneux avec limnées*).
Corant. Authezat. S.T.
- S176 Limestone with numerous worm tubes. ST
- S177 Freshwater shell marl, with limnea S.T.
- S178. Lime mud with crinoid and fenestrate bryozoa. (*Platycrinus trigondactylus*).
Hook Head. ST.
- S179. Nummulitic limestone. Tertiary. S.T.
- S180 Litorina Limestone. Gutterblum. Rhenish Hesse. 10 Thin sections. S.T.
- S181 Shelly Limestone with *Perna* & *Littorina*. Worms ST.
- S182 Shelly limestone with Paludinal and Ampullarae. Rhenish Hesse. S.T.
- S183 Chalk with Lima. S.T.
- S184 ~~Shelly~~ Limestone ^{containing rounded quartz, feldspar & shell fragments}. Champion Bay. W. Australia. 10 teaching thin sections. S.T.
- S185 Muschelkalk. Triassic. Heidelberg. S.T.
- S186. Fossiliferous limestone. Jurassic ST.
- S187 Freshwater marl. with *Cerithium lapidarium*. Paris. S.T.

- S188 Cipoline. Jurassic limestone. Andermatt, Uri. Switzerland. S.T.
- S189 Limestone. Tertiary S.T.
- S190 Decalcified coroidal limestone. S.T.
- S191 Shelly limestone. Carboniferous S.T.
- S192 Shelly limestone. Carboniferous S.T.
- S193 Fossiliferous limestone. Lower Carboniferous. Bunatrah Bay. Co. Mayo. S.T.
- S194 Coral Rock. Aymestry Limestone. Silurian. Aymestry. England. S.T.
- S195. Kieselguhr. Upper Coomera. S. Queensland. Australia. S.T.
- ✓ S196 Flagstone. Killorcan Qu. Quarry 3 miles N. of Killorcan Quarry. XII S.E.
- S197 Polyzoa limestone. Polyzoa Bed. Lower 2ft. Morhill S.T.
- S198. Diatomaceous quartz sandstone. S.T.
- S199 Kieselguhr (Bann Clay) Toome. Co. Antrim. S.T.
- S200 Algal growths formed in chalk - country stream.
River. Pang. Bradfield. Berkshire. S.T.
- S201 Coarse sandstone with quartz pebbles. Killorcan Str. Thomastown XS. S.E.
- S202 Fine sandstone with Chondrites. Base of Carboniferous. Hook Head. X3. S.E.
- S203 Quartzitic siltstone. Killorcan Qu. X14 S.E.
- S204 Coarse greywacke with shale flakes. County Council Qu. 1.5 miles N.W. of Boolyglass. Kilkenny 35/1. X16. S.E.
& secondary mineral growth. 10 thin sections. + 1/8
- S205 Bituminous sandstone from core. Persian Gulf. S.T.
- S206 Mud with interlaminated rippled silt. Lower Carboniferous.
West Cork. S.T.

- S 207 Crinoid coquina, crinoidal limestone, encrinurite or crinoidal calcarenite. Lower Carboniferous ST.
- S 208 Coquina. Calcarenite. Recent. S.T.
- S 209 Fibrous calcite around fenestrate bryozoa. Feltun Hill. Co. Dublin. 10 thin sections. S.T.
- S 210 Coral limestone. Recent. S.T.
- S 211 Diatomaceous Earth. Tripoli. Mass. U.S.A.
From a swamp deposit 1 foot thick showing remains of vegetation. S.T.
- S 212 Radiolarian Earth. (1893.75) B. Barbados Oceanic Series.
Castle Grant. See Q.J.G.S. 1892. p. 174. S.T.
- S 213 Limonite oolites. Johann Georgenstat. Saxony. S.T.
- S 214. Calc Sandstone (Chara limestone) with plant seeds resembling oolites.
- S 215 Pea Grit. Lower Inferior Oolite. Leckhampton Hill. Cheltenham 10 thin sections: teaching. S.T.
- S 216. Current bedded oolite. Carboniferous Limestone. ~~Clifton~~ Ballina. Co. Mayo. ~~Bristol~~ S.T.
- S 217. Oolite. Carboniferous Limestone. Clifton, Bristol. (Thin sections x10. Petrology Lab) S.T.
- S 218 Oolitic limestone showing layering in oolites S.T.
- S 219 Oolitic limestone. Carboniferous. Killala. Co. Mayo. S.T.
- S 220 Sandy oolite. Carboniferous. Top of Muckros Head. Co. Donegal S.T.
- S 221 Portland oolite. Portland. Dorset. S.T.
- S 222 Dolomitic limestone showing contraction cracks. Permian.
Tully Cormell. N. of Stewardstown. Co. Tyrone. S.T.
- S 223 Dolomitised reef limestone. Buttervant. Co. Cork. S.T.
- S 224 Dolomite. Muschelkalk. Baden. 10 Thin sections (teaching) S.T.

- S 225 Dolomite. Krantz Limestone Ser. No 156
Zechstein-Dolomite. Osterhagen, Hartz. S.T.
- S 226 Dolomite. Fassa Thal S.T.
- S 227 ~~Jura Dolomite.~~ Swabische Alpen. (lost) S.R.
Quartzite, merging to siliceous sandstone, N. shore, Loch Tarbert, Island of Jura
Scotland.
- S 228 Seckstein Dolomite. Nant. S.T.
- S 229 Dolomitic limestone. Trier on Moselle S.T.
- S 230. Dolomite. Geissen. S.T.
- S 231 ~~Jura~~ Jura Dolomite. Ulm. S.T.
- S 232 Lower Dolomitic Limestone (c) Trimdon. Durham. 1 Thin Section. S.T.
- S 233 'Edge-on' conglomerate. S. wall of East Quay Felkin Hill. Co. Dublin S.T.
- S 234 Mudflow breccia. Ordovician. Portrane. Co. Dublin. S.T.
+ 10 THIN SECTIONS
- S 235 Breccia. S.T.
- S 236 Conglomerate S.T.
- S 237 Conglomerate. Middle of Boulder Bed. Carboniferous Limestone
Altrush stream, Kingscourt. Co. Cavan. 11 Thin Sections S.T.
- S 238 Limestone breccia. Krantz Limestone ser No. 147. S.T.
Spotted Jura Limestone. Hohenstein, Saxony. - 10 Thin Sections
- S 239 Limestone conglomerate. F2. Pen Trwyn. Llandudno.
Collected by Prof. L.B. Smyth. S.T.
- S 240 Thrust Conglomerate. Priest's Chamber. Portrane. Co. Dublin S.T.
- S 241 Fault breccia in limestone. Roaring Well Bay. Loughshinny S.T.
- S 242 Stalagmite S.T.
- S 243 'Tufa' from a Carboniferous Reef Limestone Knoll. (fibrous calcite) S.T.
The Knott, Slaidburn. Yorkshire.

- S244. Calcareous tufa or calc-sinter S.T.
S244
- S245 Recemented beach composed of shell fragments S.T.
- S246 Concretionary Limestone Group. Haughton-le-Spring. Durham. S.T.
- S247 Travertine. Presented: Booth Esq. 1905. Lower Egypt. S.T.
- S248. Calcareous tufa in process of formation by encrustation of moss. S.T.
- S249 Concretionary Limestone Group. Haughton-le-Spring (e.) Durham. S.T.
- S250 Concretionary Limestone Group. Haughton-le-Spring (e) Durham. S.T.
- S251 Concretionary Limestone Group. Haughton-le-Spring. Durham. S.T.
- S252 Calcareous tufa (or calc-sinter) replacing vegetation. S.T.
- S253 Concretionary Limestone Group. Haughton-le-Spring. Durham. S.T.
- S254 Calcareous tufa Hammam. Meskontin. Algeria. Presented by Dr. J.M. Purser 1903 S.T.
- S255 Onyx marble (Travertine). Mexico. S.T.
- S256 Stalactites. S.T.
- S257 Sand from Lewisian Rocks. Stromaway Harbour S. side. S.T.
- S258 Volcanic Black Sand. Mña Grande. Tenerife. S.T.
- S259. Basalt sand & shell fragments. Calve Sand. Tobermory Harbour. S.T.
- S260 Basalt sand. Portree Outer Bay. Skye. S.T.
- S261 Sample of musical sand. Jebel Nagûs.
Top of dune: presented by G.F. Walpole. Survey of Egypt. S.T.
- S262. Sample of musical sand. Jebel. Nagûs. Base of dune. S.T.

- S263. Sand, mainly quartz. Howlandman Bay. Jura. S.T.
- S264. Sand and stones. 10 miles off coast at Murphy Point. E. coast of Ireland S.T.
- S265. Black Sand Sea beach. Candelaria. Tenerife. S.T.
- S266. Fontainebleau Sandstone: flexible S.T.
- S267. Abyssal Red Clay. Lat. $39^{\circ}00''$ N. $52^{\circ}50'$ W. in 2050 fathoms. 1924 S.T.
- S268. Bone Bed. Top of Carboniferous Limestone. Co. Clare. S.T.
10 thin sections S.T.
- S269. Phosphate Rock. Carboniferous Limestone. Doolin. Co. Clare. S.T.
- S270. Globigerina ooze. Albatross Expedition 1905. Station 4739. S.T.
 $22^{\circ}11'15''$ South. $133^{\circ}21'$ W. 2042 Fathoms.
- S271. Phosphate presented by J.W. Parkes Esq. MSc. Constantine. N. Africa. S.T.
- S272. Diatomite S.T.
- S273. Phosphate. Presented by J.W. Parkes Esq. Gosfa. S.T.
- S274. Phosphonite S.T.
- S275. Calcareous Ooze. Latitude $49^{\circ}40'$ N. Long. $29^{\circ}35'$ W. Near Faraday Hills S.T.
- S276. Tabular Flint. Cretaceous S.T.
- S277. Flint. Cretaceous. Paris: with spines of Cidaris S.T.
- S278. Chert S.T.
- S279. Chert. Carboniferous. Ireland. S.T.
- S280. Cherty limestone. Carboniferous. Ireland. S.T.
- S281. Chalk with flint. Cretaceous. Glen Ballyemmon Co. Antrim S.T.

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| S 302 | Weathered basalt . | Parkmore . | Co. Antrim. | S.T. | ←
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| S 303 | Weathered quartzite . | Muckish . | Co. Donegal | S.T. | |
| S 304 | Weathered epidiorite . | The Needles . | Howth. Collected W.J. Sollas | S.T. | |
| S 305 | Weathered amygdaloidal basalt . | Skye | | S.T. | |
| S 306 | Weathered and flaked red sandstone. | Rathmines Town Hall frontage. | circa 1918. | S.T. | |
| S 307 | Weathered marl. | | | S.T. | |
| S 308 | Weathered flints. | | | S.T. | |
| S 309 | Bleached dolerite . | From E. of Forth Bridge . | Edinburgh | S.T. | |

S282	Flint nodule.	S.T.
S283	Tabular chert. Carboniferous	ST.
S284	Coprolite	S.T.
S285	Ironstone concretion.	S.T.
S286	Flint nodule. Antrim.	S.T.
S287	Tabular chert.	S.T.
S288	Flint. Cretaceous. Belfast.	S.T.
S289	Banded chert.	S.T.
S290	Decomposing agate. Bunter Conglomerate. Lichfield. See. Trans. Geol. Soc. Vol. IV. Series I. page 426	S.T.
S291	Granite and weathered granite for comparison.	ST.
S292.	Lithomarge (decomposed volcanic ash). Rathlin Island. Co. Antrim	ST.
S293.	Decomposing limonite (ochreous)	ST.
S294.	Bauxite? derived from weathered basalt. Giant's Causeway.	ST.
S295	Weathered bauxite	S.T.
S296	Decomposed pisolitic limonite. Cape Colony. S. Africa	S.T.
S297	Weathered igneous rock.	S.T.
S298	Decomposed and softened chalk.	ST.
S299	Wacke. Decomposed basalt. Calve Island. Tobermorey	S.T.
S300	Bauxite. Lyle's Hill. Co. Antrim.	S.T.
S301	Weathered basalt. Giant's Causeway.	S.T.

S. 328. Oolitic Limestone . Ballina Oolite , Carboniferous . Co. Mayo. S.I. →
10 Thin sections in teaching collection Moyne Quarry . Ballina.

S.310.	Penrith Sandstone (x3)	1 hand specimen in teaching collection. 10 thin sections for teaching 10 thin sections for examinations.	S.T. S.E.
S311.	Felspathic sandstone (x8)		S.E.
S312	Felspathic sandstone (x5)		S.E.
S313	Fine-grained, micaceous, grey sandstone (x12)		S.E.
S314.	Fine-grained sandstone (x6)	10 thin sections for examinations	S.E.
S315	Fine-grained red sandstone (x7)		S.E.
S316	Fine-grained greywacke. Silurian north of Granard (x10)		S.E.
S317	Greywacke with shale flakes (x6). Silurian north of Granard, Co. Longford.		S.E.
S318.	Micaceous sandstone (x6).		S.E.
S319	Fine-grained calcareous sandstone (x4)		S.E.
S320	Ganister, Yorkshire (x6)		S.E.
S321	Pink sandstone, Trias. Scrabo Hill, Co. Down (x3)		S.E.
S322	Greensand, Larne, Co. Antrim. (x10)		S.E.
S323.	Grey fine grained sandstone (x15)		S.E.
S324.	Fine grained, grey flagstone. (x11)		S.E.
S325	Dorothea Grit, Nantlle Slate Quarry. N. Wales. (x ¹²)		S.E.
S326.	Calcareous conglomerate. Co. Mayo. (x3)		S.E.
S327	Puddingstone. England. (x 6) (x11)		S.E.
S328.	See opposite page. Breccia, N. Co. Dublin. (No. 27 C.T. Tyner's Collection see undergraduate Thesis).		S.E.
S329	Red marl. Chellaston. Derbyshire. (x3).		S.E.

S330	Grey marl	(x3)	✓	S.E.
S331	Black mudstone .	(x10)	✓	S.E.
	Broxburn , Scotland .	Calcareous Sst. Series .		
S332	'Red marble' Churchtown . Co. Cork .	(x8)	✓	S.E.
	& Middleton . Co. Cork .			
S333	Oolitic shelly limestone .	(x15.)	✓	S.E.
	Inferior Oolite . England			
S334	Oolitic Limestone .	(x7.)	✓	S.E.
	Seminula Oolite . Clifton . Bristol England .			
S335	Magnesian limestone .	(x2) .	✓	S.E.
	Tetley . Nottingham . England			
S336	Crinoid calcarenite ,	(x4)	✓	S.E.
S337	Crinoid calcarenite	(x5)	✓	S.E.
S338	'Reef' Limestone . Ireland	(x21)	✓	S.E.
* S339	Dark grey , fine-grained cherty limestone	(x7)		S.E.
S340	Dark grey , calcilutite	(x23)	✓	S.E.
✓ S341	Oolite . Portland Stone	(x22)	✓	S.E.
S.341 A.	Oolite (Portland Stone)	20 thin sections for examinations x100 (S.E.) in cellar.	✓	S.E.
S342	Dark muddy limestone . Baked Chalk . Bendoo Plug .	x7		
	Base Et. Summerhill Basin . Ballintoy Co. Antrim	(12)	✓	S.E.
S343	Chalk. Co. Antrim	(x12)	✓	S.E.
		1 thin section, Borknash Co. Antrim diam 617, homax. 1893, 1895		Thin section S.T.
S344	Glaucous Chalk (with pebbles)	(x11)	✓	S.E.
	Base of Chalk . Co. Antrim			
S345	Kieselguhr. Loch Neagh , N. Ireland	} x11 (12)		S.E.
	Upper Coomera . S. Queensland .			
	Tripoli , Diatomaceous Earth . Old Swamp . Mass. U.S.A.			

S346.	Flint. Chalk.	(x 13)	S.E.
S.347	Clay Ironstone.	(x 11) (x 12)	S.E.
S348	Pisolitic Iron Ore. N.E. Antrim Parkmore. 20 thin sections (10 teaching, 10 examination). (1 specimen in teaching collection).	(x 14)	S.E.
S349	Bauxite. Giant's Causeway	(x 6)	S.E.
S.350	Oolitic Ironstone, Cleveland, Yorkshire. (1 specimen in teaching collection).	(x 8) 20 thin sections { 10 Examination 10 Teaching.	S.E.
S.351	Lignite, Giant's Causeway. Antrim	(x 4) (5)	S.E.
S 352	Black Limestone. Calp. Co. Dublin	(x 22) (24)	S.E.
S353	Red crinoidal Limestone. 20 thin sections for examinations	(x 27)	S.E.
S354	Gypsum (red). Permian. Upper Bed, Kingscourt	(x 25)	S.E.
S355	Micaceous fine siltstone (? non-graded turbidite). Summerhill Basin, base of E1 (collected W.E. Nevill) 5 thin sections in exam collection.	x 26	S.E.
S 356	Anthracite. Rossmore. Co. Carlow	(x 17)	S.E.
S357	Lignite	(x 3)	S.E.
S358	Cannel coal	(x 4)	S.E.
S 359	Calc. mudstone + shell fragments. Larne. Lias	(x 8) (7)	S.E.
S 360	Boulder clay	(x 9)	S.E.
S361.	Popeshall. 'D' Beccia, North Co. Dublin. Reef Lst. with Silurian pebbles. Loc III. 9.I. Collected by T.C. Tyrer (No 23.): see undergraduate theses	(x 10)	S.E.
S362	Gypsum. Kingscourt (white).	(x 16)	S.E.
S363	Mullatto Stone Conglomerate. base of Chalk Murlough Bay, Co. Antrim	(x 9)	SE
S364	White Gypsum. Kingscourt	(x 30)	SE.

- S365 Micaceous sandstone x4 S.E.
- S366 Dolomite Krantz Limestone Set No. - 1 Thin Section. S.T.
- S367 Black Dolomite. Plattenkalk dicht. Eimbeckhausen, Hannover. Krantz Limestone Set No 148 } 1 Thin Section } S.T.
- S368 Marble. Krantz set. No number. Boda, Norway } 1 Thin Section } S.T.
- S369 Marble Krantz set No 181 Marble, granular gray. Pentelicon, Greece } 1 Thin Section } S.T.
- S370 Yellow fossiliferous marble. Krantz set No 185 Monteprendone, Italy } 1 Thin Section } S.T.
- S371 Red veined marble Krantz set No 191 - 1 Thin Section. S.T.
Villmar, Nassau
- S372 Oolitic limestone Krantz set No number. S.T.
- S373 Hard sandy limestone with fossil fragments. Zechsteinkalk. bituminous. S.T.
Krantz set No 149. Tettenborn, Hartz.
374. Limestone with shell fragments. Poreus, possibly originally oolitic S.T.
Krantz set No 150. "Schaumkalk"
Königsutter, Brunswick.
- S375 ~~Oolitic Limestone~~ Calcareous tufa x186 (16) S.E.
- S376 Semi-bituminous coal. Arigna Collieries Ltd. Connaught Coalfields x9. S.E.
- S377 Limestone with foraminifera resembling oolites x9 S.E.
- S378 Oolitic Limestone. Carboniferous. Clifton. Bristol.
- S379 Oolitic Marl. Lower Inferior Oolite. Selsley Common. Gloucester S.T.
- S380 Red Chalk. Hunstanton. Cambridgesh.. - 1 Thin - Section.

- S381 Current-rippled sandstone. Trias. Scrabo Hill near Belfast. Co. Down S.T.
- S382 Current-rippled sandstone. Trias. Scrabo Hill. Co. Down S.T.
- S383. Ripple-marked sandstone. Tomidonian Sandstone.
Lough Craig. N. Scotland. Collected 1899. S.T.
- S384. Interference ripple marks. Trias. Co. Down. S.T.
- S385 Sandstone with successive current-rippled layers. Trias. Co. Down S.T.
- S386. 6" Core with sand & mud alternations showing current ripples, load casts, grading.
1905 ft. S.T.
- S387. Small-scale current bedding S.T.
- S388. Small scale cross lamination. (choppy cross-lamination. Shrock 1949) S.T.
- S389. Small-scale cross-lamination. ('Ripple-drift bedding'. Sorby. Q.J.G.S 1905) S.T.
- S390 Sun-cracks in clay. Scrabo Hill. Trias. Co. Down S.T.
- S391 Sun-cracks in clay. Scrabo Hill. Trias. Co. Down. S.T.
- S392. Sun-cracks in fine sandstone. Scrabo Hill. Trias. Co. Down. S.T.
- S393. Sun-cracks in clay, filled with fine sandstone. Trias.
Scrabo Hill. Co. Down S.T.
- S394. Rain pits in marl. Trias. Scrabo Hill. Co. Down. S.T.
- S395 Salt Pseudomorphs in marl. Beachmount Brickworks S.T.
- S396. Clay ironstone nodule. S.T.
- S397. Glacial striae on limestone. S.T.

- S381 Current-rippled sandstone. Trias. Scrabo Hill near Belfast. Co. Down S.T.
- S382 Current-rippled sandstone. Trias. Scrabo Hill. Co. Down S.T.
- S383. Ripple-marked sandstone. Torridonian Sandstone.
Lough Craig. N. Scotland. Collected 1899. S.T.
- S384. Interference ripple marks. Trias. Co. Down. S.T.
- S385 Sandstone with successive current-rippled layers. Trias. Co. Down S.T.
- S386. 6" Core with sand & mud alternations showing current ripples, load casts, grading.
1905 ft. S.T.
- S387. Small-scale current bedding S.T.
- S388. Small scale cross lamination. (choppy cross-lamination. Shrock 1949) S.T.
- S389. Small-scale cross-lamination. ('Ripple-drift bedding'. Sorby. Q.J.G.S 1905) S.T.
- S390 Sun-cracks in clay. Scrabo Hill. Trias. Co. Down S.T.
- S391 Sun-cracks in clay. Scrabo Hill. Trias. Co. Down. S.T.
- S392. Sun-cracks in fine sandstone. Scrabo Hill. Trias. Co. Down. S.T.
- S393. Sun-cracks in clay, filled with fine sandstone. Trias.
Scrabo Hill. Co. Down S.T.
- S394. Rain pits in marl. Trias. Scrabo Hill. Co. Down. S.T.
- S395 Salt Pseudomorphs in marl. Beachmount Brickworks S.T.
- S396. Clay ironstone nodule. S.T.
- S397. Glacial striae on limestone. S.T.

S 398	Striated pebbles from Talchir tillite, Wahaki, E. Salt Range India.	S.T.
S 399		S.T.
S 400		S.T.
S 401		S.T.
S 402	Blaini tillite & pebbles. 1½ miles N.E. of Simla. India.	S.T.
S 403		S.T.
S 404		S.T.
S 405		S.T.
S 406	Glacial striae on quartzite. Wisconsin. U.S.A.	S.T.
S 407	Glacial striae on limestone. Lower Grindelwald Glacier. Switzerland	S.T.
S 408.	Striated cobble. Liffey tunnel. S. shaft, in stiff clay at 40'-50ft.	S.T.
S 409	Dreikanterers. Lower Mottled Sandstone. Dale Abbey. Nottingham. England.	S.T.
S 410		
S 411	Ornithicrites & rain drop impressions. (3-toed reptile marks) Connecticut. U.S.A.	S.T.
S 412	Hexagonal columnar jointing in sandstone	S.T.
S 413	? Cone in cone. Pebble found near Ludlow. England.	S.T.
S 414	Slumped load-cast	S.T.
S 415		
S 416	Flute casts. Lower Palaeozoics. Booley Bay. Waterford. Collected Dawson 1961 (D1: see Undergraduate thesis presented 1961).	S.T.
S 417	Groove casts. Booley Bay. Waterford. D3: see Dawson. Undergraduate thesis 1961	S.T.
S 418.	Load-cast sole markings. D7. See Dawson. Undergraduate thesis 1961. Booley Bay. Waterford.	S.T.

- S419. Sole markings on laminated micaceous sandstone. S.T.
- S420. Flute cast. Collected Gardner 1962
2 miles N. of Salthills. Co. Wexford. S.T.
- S421. Graded bedding. S.T.
- S422 } Granite found in Calp. Donnybrook Quarry. Co. Dublin
S423 } x2. S.T.
- S424 Shale breccia, shale flakes in sandstone
6" bore. S.T.
- S425 Shale flakes in micaceous sandstone
6" bore at 1890'. S.T.
- S426. Shale/sand alternations with ripples, load casts & worm burrows
6" core. S.T.
- S427 Breccia with granite fragments
Blackrock Breccia. Blackrock Baths. Co. Dublin. S.T.
- S428 Convolute bedding in laminated silt. ('Antidunes') Posidonomya lst. S. of Copper Mine Fault.
North Co. Dublin: collected T.C. Tyner (see Undergraduate thesis Spec. 7). Circa 1958. S.T.
- S429 'Flame structures'. North Co. Dublin ('Antidunes').
Collected T.C. Tyner. (see undergraduate thesis: specimen 2)
Cyathaxonia Beds at Drumanagh Head. S.T.
- S430 Flame structures. North Co. Dublin. ('Antidunes') } Posidonomya lst. South
Collected T.C. Tyner (see undergraduate thesis: specimen 10). } of Copper Mine Fault. S.T.
- S431 Flame structures. ('Antidunes'). Drumanagh Head.
North Co. Dublin. Cyathaxonia Beds.
Collected T.C. Tyner (see Undergraduate thesis: Specimen 3). S.T.
- S432. Slump structure & worm casts North Co. Dublin. Locality 11.5N. Drumanagh Head.
Collected. T.C. Tyner. (see Undergraduate thesis: Specimen 15) S.T.
- S. 433 Flame structures ('Antidunes') North Co. Dublin. Posidonomya lst. S. of Copper Mine
Collected T.C. Tyner. (see Undergraduate thesis: specimen 8). Fault. S.T.

- S434 Small 'antidunes'. North Co. Dublin. Posidonomya Lst. S. of Copper Mine Fault.
Collected T.C. Tyrer. (see Undergraduate Thesis. Specimen 6) S.T.
- S435 'Antidunes' and contorted bedding. ^{Cyathaxonia Beds} North Co. Dublin. Drumagh Head.
Collected T.C. Tyrer 1950. (see Undergraduate Thesis. Specimen 1.) S.T.
- S436. Slump structures. North Co. Dublin. Cyathaxonia Beds. Drumagh Head.
Collected T.C. Tyrer. (see Undergraduate Thesis: specimen 5). S.T.
- S437. Flame structure. P₂-E₁. Summerhill Basin.
Collected W.E. Nevill. S.T.
- S438. Graded bedding, base E₁. Summerhill Basin.
Collected W.E. Nevill. S.T.
- S439. Irregular laminations. P₂-E₁. Summerhill Basin.
Collected W.E. Nevill (Spec. B₁). S.T.
- S440. Disturbed bedding. P₂-E₁. Summerhill Basin.
Collected W.E. Nevill. (Spec. 3 d.) S.T.
- S441 Secondary dolomite (dolomitic limestone) with contraction cracks. ~~Speci~~
North Co. Dublin. ✓
5 specimens. S.E.
- S442 ⁺ Dolomitised Calc Arenite. Loc: ? 1 spec. 12 Thin Sections. SE.
Museum Basement.
- S443 ⁺ Oolitic Calc Arenite. Ballina Mayo. 1 spec 12 " " " " S.E.
Museum Basement
- S444 ⁺ Felspathic Calc Arenite. Near Carlow. 1 spec. 12 " " " " SE.
Examination. Museum Basement
- S445 Graded calcarenite with quartz pebbles. x4 ✓ S.E.
Rush Conglomerate, Co. Dublin
- S446. 'Striped Limestone'. ? Algal. Carboniferous. x3.
Irish Tulunid. Kildysart. Co. Clare. Presented Dr. G.C. Lewarne 1963. S.T.
- S447 'Striped Limestone' showing stylolites. Kildysart. Co. Clare.
Presented Dr. G. C. Lewarne 1963.

- S 448 Algal limestone. Sully Hill. Forest of Dean. England S.T.
- S 449. Fossiliferous Limestone. Silurian. S.T.
- S 450. Freshwater limestone with gastropods. Oligocene. Headon, Hill England S.T.
- S 451. Foraminiferal limestone. Miocene. S.T.
- S 452. Freshwater limestone with *Helix Planorbis*. Caloenberg, Ulm. S.T.
- S 453. Polished specimen of limestone with *Paludina* & Reptile bone fragments.
? Purbeck. S.T.
- S 454 Limestone with small gastropods. Tertiary. S.T.
- S 455. Nummulitic limestone and Nummulites. (x2) S.T.
- S 456. Bryozoa - crinoid - shell limestone. Hook Head. Lower Carboniferous S.T.
- S 457. Limestone with phosphatic fragments. S.T.
- S 458. Tufa with leaf impressions. S.T.
- S 459. Spongelite. Sponge spicule chert. Co. Clare. Carboniferous.
Presented Dr. G. C. Lewarne. see. *Geol. Mag.* 1963. S.T.
- S 460 Red chert. Arenig. Loch Nafooney. x2 S.T.
- S 461. Clay Ironstone nodule showing septarian cracks S.T.
- S 462 Clay ironstone nodule x2 S.T.
- S 463. Dolomite. Krantz set No 155. Heidelberg, Sayda, Saxony. Crystalline granular dolomite. SF
- S 464. Magnesian Limestone, Sreetley. N. Nottinghamshire. S.T.
- S 465 'Striped Limestone'. Carboniferous. Castleisland. Co. Kerry.
Collected T. P. Brennan: see Ph.D thesis. S.T.
- S 466 'Striped Limestone'. Carboniferous. Castleisland. Collected T. P. Brennan. S.T.

- S 467. Mollusc tracks. Moher Flagstones. Namurian. S.T.
County Clare.
- S 468 Stylolitic surfaces in sandstone. Carboniferous. Castlecomer S.T.
- S 469. Penrith Sandstone 90 thin sections. no hand specimen. S.T.
Lomax No. 536. (& x1 Lomax 711)
- S 470 Torridonian Sandstone Lomax 535. 10 thin sections. + 1 other THIN-SECTION. S.T.
Hand specimen not original specimen from which thin sections taken.
Hand specimen. Lough Craig. N.W. Scotland. Collected 1899. rippled.
- S 471 Cone in cone structure. Cliffs of Moher. Co. Clare x1 S.T.
- S 472 Cone in cone structure Colebrook Dale Dublin Coal Measures x1 S.T.
- S 473. Cone in cone structure x1 S.T.
- S 474 Cone in cone structure. Moher Cliffs. Co. Clare. x1 S.T.
- S 475 Cone in cone structure (originally this specimen labelled 'Nail Head Structure. x1 S.T.
- S 476 } Honeycomb structure cf. Cone in cone x1 11 S.T.
S 477 } (Old Number 159).
- S 478. Cone in cone structure Coal Measures Colebrook Dale ~~Dublin~~ x1 S.T.
- S 479 Stylolites in limestone. near Menlo. Co. Galway. x1 S.T.
- S 480. Cone in cone in line band within Paludina limestone. S.T.
'Beef Beds' Purbeck. England. x1
- S 481. Stylolites in limestone. Ballinrobe. Ireland x1 S.T.
- S 482 } Well developed columnar stylolites in limestone. S.T.
S 483. }
- S 484 } Bulbs of percussion in chert. Folkestone, England S.T.
S 485 }

- S486 } Sand etched pebbles . Egypt. x2 S.T.
S487 }
- S488. 'Honeycomb' structure x1 ST.
- S489 } Fossils showing desert varnish. x2.
S490 } Kharga Oasis . Egypt. S.T.
- S491 Cross laminated specimen. Bray Series. Bray Head
Co. Wicklow. x1. S.T.
- S492. Solution impressed pebble with slickensides due to pebble movement
post deposition . Miocene Nagelfluh. St. Gall, Switzerland x1 S.T.
- S493 } Solution impressed pebbles (dreikanter) . Bunter Pebble Bed.
S494 } Style Cop, Cannock Chase. England. x2 S.T.
- S495. Travertine deposition replacing a piece of wood. x1 ST.
- S496 Jasper breccia. Madras Railway - India. x1 S.T.
- S497 } 'Rosette' pyrite nodules in marl. x2.
S498 } ST.
- S499 Unusual concretion x1 S.T.
- S500 Cone of Percussion. Flint struck with rivetting hammer. Portion
overlying cones removed with chisel. Presented by Robert Bell Esq, x1 S.T.
- S501 Large concretion cut in half & polished. Shows contraction cracks &
unusual fibrous structure x1 S.T.
- S502 Pyrite concretions x2 S.T.
- S503. Ironstone nodule x1 ST.
- S504. Unusual coalescing concretions x1 ST.
- S505 } Mushroom-shaped concretions x2
S506 } S.T.

- S 507 Nodule showing layered outer surface x1 S.T.
- S 508. Septarian nodule x1 S.T.
- S 509. Nodule enclosing fossils with stellate crystals on outer surface. x1 S.T.
- S 510. Pebble with luprea growing on it. x1. ST
- S 511 Konkur (caliche, calcrete) Madras Railway x1 S.T.
- S 512 Nodule formed around sponge. x2 S.T.
- S 513. Nodule (calcareous concretion) around wood fragment x2
Tallaght, Co. Dublin. In gravel. S.T.
- S 514. Haematite concretion. Africa (supposed to be a Thunderbolt).
x2 S.T.
- S 515. Flint concretion in Chalk. Newhaven. x1
- S 516 Bulb of Perussion in flint x1 ST
- S 517 Chalybite concretion (polished half) Septarian Ironstone nodule. x1 ST
- S 518 Cone in cone structure. Pontypool. x1 S.T.
- S 519. Layered silica deposit x1 S.T.
- S 520 ~~Tuff~~ Tufa with plant impressions (travertine) x1 S.T.
- S 521 Chert in Carboniferous Loh. Co. Dublin x1 S.T.
- S 522 Siliceous Sinter. (Geyserite). Yellowstone Park. U.S.A. x2 S.T.
- S 523. Landscape marble. Gibraltar x1 S.T.
- S 524 Flint nodule in chalk. x2. S.T.
- S 525. Haematite Sand Pipe. Isle of Wight x1 S.T.
- S 526 Sun-cracks in rippled sandstone x1 S.T.

- S527. Interference ripple marks in sandstone x1 ST.
- S528. Symmetrical ripple marks in sandstone. Co. Clare. x1 ST.
- S529. Asymmetric Ripple-Marks :- Sandstone. Comeragh Mts. Co. Waterford x1 ST.
- S530. Pisolitic limonite (Bohrerz) Neunkirch, Schotthausen x1 ST.
- S531. Shelly limestone. Malham. Yorkshire. Carboniferous. x1 ST.
- S532. Marine Band Shale. Carboniferous. Clare. x1 ST.
- S533. Laminated sandstone. Buffalo. New York. U.S.A. x1 ST.
- S534. Dolomite with contraction cracks. ^{Carboniferous.} ~~Bray Series.~~ ~~Blackthorn Bay~~ Howth. x1 ST.
- S535. Rippled drift siltstone. Bray Series. Balscadden Bay Howth. x1 ST.
- S536. Crinoidal limestone. Courtown. Co. Wexford. x1 ST.
- S537. Calp limestone. Dublin x1 ST.
- S538. Carboniferous Dolomite. Killala Co. Mayo x1 ST.
- S539. Carboniferous oolitic limestone. Bristol. England. x1 ST.
- S540. Graded bedding. Rush Conglomerate. Co. Dublin x1 ST.
- S541. Breccia with quartz pebbles. Duggeralla. x1 ST.
- S542. Granite pebbles in calcareous mudstone. Clondalkin. Co. Dublin x1 ST.
- S543. Carboniferous Basal Breccia. x1 ST.
- S544. Graded bedding. Rush Conglomerate. Co. Dublin. x1 ST.
- S545. Current bedded sandstone x1 ST.
- S546. Limestone bed B.L.4. above reef. Feltrim East Quarry. x1. 2 thin sections S.E.

- S547. Limestone bed B.L.1. above reef. Feltrim East Quarry. x1. 2 thin sections S.E.
- S548. Limestone bed B.L.3. above reef. Feltrim East Quarry. 3 thin sections only S.E.
- S549. Limestone bed B.L.2. above reef. Feltrim East. x1. 2 thin sections S.E.
- S550. Basal shaly limestone B1. beneath reef. Feltrim Centre Quarry
x2 hand specimens. 1 Thin section S.E.
- S551. Basal shale limestone B2 (above B1) beneath reef. Feltrim Centre
Quarry. x1. 1 Thin section. S.E.
- S552. Thin shale intercalation within reef C1 (above B1 & B2). Feltrim
Centre Quarry. x2. 1 thin section. S.E.
- S553. Flint (old number 46) x1. S.T.
(Museum)
- S554. Chert band. (old number 47) x1 S.T.
(Museum)
- S555. Boulder Clay (old number KC.2). x1. S.T.
(Museum)
- S556. Spheroidal weathering (old number N150) x1 S.T.
(Museum)
- S557. Vein in sandstone. Balrickard. Ireland. x1 S.T.
(Museum)
- S558. Ripple marks in sandstone. S.558.
Lower Carboniferous. Ballycastle. Co. Mayo. Bunatrahil Bay. S.W. 47. x1 S.T.
(Museum)
- S559. Loess. Near Heidelberg (Old number 138). x1 S.T.
(Museum)
- S560. Glacial striae on limestone boulder. S.T.
(Museum)

- | | | | |
|--------|--|-----|-----------------|
| S 561 | Stalagmite | x 1 | S.T.
Museum |
| S. 562 | Stalactite | x1 | S.T.
Museum |
| S 563 | Red oolitic limestone . Strincauts Rock | x1 | S.T.
Museum |
| S 564 | White oolitic limestone (freestone). | x1 | S.T.
Museum |
| S 565 | Fine grained 'reef' limestone (building stone) Little Island. Co. Cork. | x1 | S.T.
Museum |
| S. 566 | Black shale | x1 | S.T.
Museum. |
| S 567. | Chert conglomerate | x1 | S.T.
Museum. |
| S. 568 | Red-stained quartzite breccia. Baliscadden. Howth. Co. Dublin. | x1 | S.T.
Museum. |
| S. 569 | Quartz sandstone. Krantz ser No. 217
Deister sandstone. Predenbeck, Am. Deister, Hanover. | x1 | S.T.
Museum. |
| S. 570 | Purple micaceous sandstone. | x1 | S.T.
Museum. |
| S. 571 | Geywacke | x1 | S.T.
Museum. |
| S. 572 | Quartzite. Janegg, Dux. Bohemia. Krantz ser. No 124. | x1. | S.T.
Museum |
| S 573 | Claystone. | x1. | S.T.
Museum. |

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| S.574 | Crinoidal limestone (with weathered surface showing crinoids) | x1. | S.T.
Museum |
| S575 | Fossiliferous limestone | x1 | S.T.
Museum |
| S.576 | Chalk | x1 | S.T.
Museum |
| S.577 | Dolomitic limestone. | Howth Head. Co. Dublin. x1. | S.T.
Museum |
| S.578 | Lignite. | x1. | S.T.
Museum |
| S.579 | Peat. | x1. | S.T.
Museum |
| S580 | Bituminous coal. (labelled Schistus Coal with Fibrous Coal) | x1 | S.T.
Museum |
| S581 | Cannel Coal | x1 | S.T.
Museum |
| S582 | Anthracite | x1 | S.T.
Museum |
| S583 | Clay ironstone nodule | x1 | S.T.
Museum |
| S584 | Greensand, | Co. Antrim x1. | S.T.
Museum |
| S.585 | Coral limestone. | Kilkenny, Ireland. x1. | S.T.
Museum |
| S.586. | Bituminous mudstone with graptolites. | Portlaoigh. x1 | S.T.
Museum |

- S.587 Arkose. Millstone Grit. ~~at~~ Withnell Quarry, Lancs, England.
(labelled 'Specimen of Paving Set'). x1. S.T.
Museum
- S.588. Fireclay x1 S.T.
Museum
- S.589 Flagstone x1. S.T.
Museum
- S.590. Feltrim Hill Reef Limestone. Co. Dublin.
No hand specimen. 11 Thin sections. S.T.
- S.591 Sun cracks in sandstone. Trias. Scrabo Hill. x1
County Down. Collected 18.2.1894. Grenville Cole. S.T.
- S.592 Rain marks on ripples. Trias. Scrabo Hill.
County Down. Collected 18.2.1894 by Prof. Grenville Cole. x1 S.T.
- S.593 Ripple marks in fine sandstone. N. Italy. x1
Feriere, Emilia (F.B.P.). Grenville Cole collection S.T.
- S.594 Globigerina ooze. Collected by H.M.S. "Challenger" x1
S. Atlantic. Station No. 338. Date. 21st March 1876
Lat. 21° 15' S. Long. 14° 2' W. Depth 1990 fathoms. S.T.
Presented by Mr. H.B. Armstrong. Bottom temperature 1.8°C.
- S.595 Sandstone. Krantz 218. Yellow sandstone. SR.
Huhnburg, Teutoburg, Wald.
- S.596 Sandstone. Krantz 136. Yellow sandstone : bonebed. SR.
Werelsleben, Brunswick.
C
- S.597 Quartzite. Krantz 139. SR.
Calc-sandstone, grünlichgrau.
Cavelvisch, Stettin, Pomerania.

- S.598 Sandstone. Krantz 135. S.R.
Wealden Sandstone, reddish gray. Obernkirchen, Buckeburg.
- S.599 Sandstone. Krantz 134. S.R.
Keuper sandstone Hotho, Weser, Westphalia.
- S.600 Micaceous quartzite. Krantz 127. S.R.
Muscovite-Quartzite Schidr. Breitenau, Oedernau
- S.601 Quartzite. No. 125. Taunusquartzit, plattig, hellgrau. S.R.
Schlangenbad, Nassau. Germany
- S.602 Black quartzite. No 123. Krantz S.R.
Black-blue schistose quartzite. Schonecker, Stadtwald.
- S.603 Loose gravel. Krantz No. 295. S.R.
Eisenschüssiger Sand zu Strafsenbau. Duisdorf. by Bonn. Germany.
- S.604 Loose coarse sand. Krantz No. 294. S.R.
Mauersand zu Mörtel, Rheinthal by Bonn.
- S.605 Cement bedded calcareous sandstone. Collected W.E. Nevill. S.T.
No 99.38. (see Nevill P.R.I.A. 1958) Locality unknown.
- S.606 Cambrian 'Grit' - fine sandstone. Old No. 42. S.T.
Down's Hill. Co. Wicklow. - 1 Thin Section.
- S.607 Breccia. Ballydowan Bay. 1-Thin Section. S.T.

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|-------|--|-----|------|
| S608 | Band dividing Reading Beds from London Clay.
Conglomerate with clay-silt matrix
Tertiary, England. | x1 | S.R. |
| S609. | Marl. Reading Beds.
Tertiary, England. | x1 | S.R. |
| S610 | Fine sandstone with shells.
Perna Beds, Tertiary, England. | x1 | S.R. |
| S611 | Buff-coloured lime band with shells.
Bembridge Beds, Tertiary, England. | x1 | S.R. |
| S612 | Blue sandy clay with pebbles
Bagshot Beds,
Tertiary, England. | x10 | S.R. |
| S613 | Limestone with shells,
Bembridge Beds,
Tertiary, England. | x1 | S.R. |
| S614. | Lime band with shells.
Bembridge Beds,
Tertiary, England. | x1 | S.R. |
| S615 | Concretion with shells.
Erith Brick earth pits.
London Clay, Tertiary, England. | x1 | S.R. |
| S616 | London Clay,
Tertiary, England. | x1 | S.R. |
| S617 | Green marl.
Bembridge Beds, Tertiary, England. | x1 | S.R. |
| S618 | Falaise, Tertiary, Europe. | x1 | S.R. |

S619	Shell band. Barton Clay, Tertiary. Barton, England.	x1	S.R.
S620	Limestone. Bembridge Beds. Tertiary, England.	x1	S.R.
S621	Clay ironstone nodule. Band between Reading Beds & London Clay Tertiary, England.	x1	S.R.
S622	Hasting. Beds. Cretaceous. England	x1.	S.R.
S623.	Hythe Beds, Cretaceous, England. Near Allington, Kent.	x1.	S.R.
S624.	Calcareous sandstone. Hythe Beds, Cretaceous, England. Near Allington, Kent.	x1	S.R.
S625	Phosphatic bed. Cretaceous, England.	x1	S.R.
S626	Folkestone Beds, Cretaceous, England. Lower layers Aylesford Sand str. Aylesford, Kent.	x1.	S.R.
S627.	Limestone, Wealden Marls, Cretaceous, England	x1	S.R.
S628	Iron-stained coarse sandstone. Lower Greensand, Chawley, Oxford.	x1	S.R.
S629	Iron-stained coarse sandstone. Lower Greensand, Chawley, Oxford.	x1	S.R.
S630	Wealden Marls, Cretaceous, England.	x1	S.R.

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| S631 | Lower Greensand.
Cretaceous, England. | x1 | SR. |
| S632 | Lower Chalk, Cretaceous, England. | x1. | SR |
| S633 | Claystone. Atterfield Clay. Cretaceous.
England. | x1 | S.R. |
| S634 | Mudstone. Wealden Shale, Cretaceous, England. | x1 | SR. |
| S635 | Lignite bed, Wealden Marls.
Cretaceous, England. | | SR. |
| S636 | Ferruginous sandstone: weathered-
Greensand, Cretaceous, England. | x1 | S.R. |
| S637 | Middle Chalk, Cretaceous, England. | x1 | S.R. |
| S638. | Sand. Folkestone Beds.
Aylesford Sand Pit, upper layers.
Folkestone Beds, Aylesford, Kent. | x1 | S.R. |
| S639. | Marly claystone. Aylesford, Kent.
Gault, Cretaceous, England. | x1 | SR. |
| S640 | Marl. Keuper Clay, England. | x1 | SR. |
| S641 | Quartzite pebbles.
Bunker Pebble Bed, Stryle Kop.
Rugely. Cheshire, England. | x5. | SR. |
| S642 | Lincolnshire limestone: massive type. Jurassic.
Quarries. on road to Somerby.
1 1/2 mls. S.E. of Grantham. England. | x1 | SR |

- S643. Lincolnshire Limestone : oolitic type. Jurassic.
Quarries on Somerby Road. x1 S.R.
1 1/2 mls. S.E. of Grantham. England
- S644. Limestone.
Corallian, Shotover Hill, Oxford, England. x1 S.R.
- S645. Limestone with shells & pebbles.
Corallian. Shotover Hill, Oxford. England x1 S.R.
- S646. Limestone. Portlandian, Shotover Hill, Oxford. x1 S.R.
England
- S647. Concretion in clay.
Kimmeridgian, Chawley. Oxford, England. x1 S.R.
- S648. Portland Oolite. Jurassic. x1 S.R.
Dorsetshire, England
- S649. Limestone with shell. Corallian. Jurassic. x1 S.R.
Shotover Hill, Oxford. England
- S650. Purbeck Limestone. x1 S.R.
Dorsetshire, England
- S651. Limestone with shells & pebbles. x1 S.R.
Corallian. Shotover Hill. Oxford. England.
- S652. Purbeck Limestone.
Dorsetshire. England. x1 S.R.
- S653. Sandy limestone with shell fragments x1 S.R.
Portlandian, Shotover Hill, Oxford.
- S654. Limestone with corals & shell fragments. x1 S.R.
Coral Rag. Streeple Ashton. Wiltshire, England
- S655. Plant impressions on siltstone.
Lias. Robin Hoods Bay. Yorkshire. England x1 S.R.

~~S655~~

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| S656 | Claystone with ammonites.
Lias . England . | XI | S.R. |
| S657 | Claystone. Kimeridge Clay.
Dorsetshire , England . | XI | S.R. |
| S658 | Claystone. Kimeridge Clay.
Dorsetshire . England . | XI | S.R. |
| S659 | Claystone . Lias. Cheltenham England .
Old No 495. & 480 . | XI | S.R. |
| S660 | Limestone with shells
Cerena Beds , Jurassic , England . | XI | S.R. |
| S661 | Limestone with shells .
Oyster Beds . Jurassic England . | XI | S.R. |
| S662 | Cotham (' Landscape Marble) .
Jurassic . England . | XI | S.R. |
| S663 | Limestone with Unio shells.
Lias. England . | XI | S.R. |
| S664 }
S665 } | Kimeridge Clay.
Chawley , Oxford . | XI | S.R. |
| S666 | Arkose . Braux . | XI | S.R. |
| S667 | Calcaire oolithique bitumineux .
Loc. les collines de Gandaillat , précédemment citées | XI | S.R. |
| S668 | Travertin silicifère (avec roseaux.
Territoire de Saint-Nectaire .
Old No . 197 . | | S.R. |

- S669. Calcaire compacte. (contient communément les coquilles pupa, XI S.R.
maillot, hélice etc).
Loc. Le Pont de Longue, près Corrent, rives de l'Allier.
- S670. Hochgebrüts Kalk mit Korallenstöcken. (Coral limestone). XI. S.R.
Malm. Upper Jurassic.
Zaminathel b. Ragatz.
- S671. Arkose ferrifère. XI S.R.
Old Number 53.
- S672. Brick Clay. Rheintal, Bonn, Germany. XI. S.R.
Krantz No 276.
- S673. Bituminous rock. Krantz No 281. XI. S.R.
Asphalt. Zimmer. Hannover.
- S674. (Old No. 76).
Calcaire compacte fin (Hainy). XI.
Formation indépendante, mais très-circonscrie, superposée ou
simplesent adossée. ouches du terrain d'arkose. S.R.
Loc. les environs de Régrat et de Montaigut-le-Blanc.
- S675. (641 Old No.). Lias Sandstone. XI. S.R.
Tulingen. Wurtz.
- S676. Calcaire oolitique fraîche. (Old No. 87 A.).
- S677. Arkose commune, ou à grains moyens. (Brongniart). XI. S.R.
(Old No 58.
- S678. (Old No 56). Arkose porphyroïde (rouge). XI. S.R.
- S679. Quartzite. Nureaton. England. XI. S.R.

- S680. Quartzite. E. flank of. Lawrence Hill. x1
Wrekin. England. S.R.
- S681. Cornstone (Red micaceous siltstone). x1 SR.
Herefordshire. England.
- S682. Sandstone. Caernarvonshire. N. Wales x1 SR.
- S683. Ludlow Millstone (fine yellow sandstone). Rhymney. Cardiff. x1 SR.
C
- S684. ~~Lower~~ Micaceous Sandstone. Carboniferous. x1 SR.
Severn Tunnel. England
- S685. Cornstone (micaceous siltstone). Devonian. x1 SR.
Herefordshire. England
- S686. Sandstone.
Llandovery. Dobbshynn. Moffat. Scotland.
- S687. Quartzite. Nuneaton. England x1 SR.
- S688. Fossiliferous sandstone.
Ludlow. Cardiff. Wales. x1 SR.
- S689. Quartzite (at base). E. side Lawrence Hill. x1 SR.
Wrekin. England.
- S690. Flexible sandstone (Itacolomite). x1 SR.
- S691. Laminated flexible sandstone. x1 SR.
- S692. Flexible sandstone. x1. SR.
Presented by J. Geoghegan. Bengal Civil Service.
- S693. Flexible marble. x1 SR.
- S694. Flexible sst. x1 SR.
- S695. Itacolomite. Quarry 20 miles from Delhi. India.
Presented. Capt. Warren. SR.

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| S696 | Infilled Lithodomous borings.
Loc. unknown. | x7. | S.T. |
| S697 | Small iron concretions ('shot')
Loc. unknown. | x30 | S.T. |
| S698 | Rounded phosphatic pebbles.
Loc. unknown. | x10. | S.T. |
| S699 | Reef Limestone . Carboniferous .
South Face of East Quarry, near breccia | x1 | S.R. |
| S700 | Reef limestone from face beneath windmill, Feltrim.
East Quarry. | x1 | S.R. |
| S701 | Reef limestone . Feltrim Hill . East Quarry. | x1 | S.R. |
| S702 | Sediment infilling bryozoa-supported cavity .
North-east face beneath windmill .
East Quarry, Feltrim Hill . Co. Dublin | x3 | S.R. |
| S703 | Layered lime mudstone with ? dolomite
South face, East Quarry, Feltrim Hill . Co. Dublin | x1 | S.R. |
| S704 | ? Dolomitisation of layered carbonate mudstone .
East Quarry, Feltrim Hill . Co. Dublin | x1 | S.R. |
| S705 | ? Dolomitisation . of layered carbonate mudstone .
East Quarry, Feltrim Hill . Co. Dublin | x1 | S.R. |
| S706 | Band carbonate mudstone .
South wall, East Quarry . Feltrim Hill . Co Dublin | x1 | S.R. |
| S707 | Fibrous calcite - sediment - sparry calcite infilling of cavity
in carbonate mudstone
Face beneath windmill . Feltrim East Quarry .
Co. Dublin . | | |

- S708. Banded carbonate mudstone. (oriented). XI
East Quarry, south face. Feltrim Hill. Co. Dublin SR.
- S709. Banded carbonate mudstone. XI
East Quarry, south face. Feltrim Hill. Co. Dublin SR.
- S710. Fibrous calcite - sediment - sparry calcite infilling of cavity XI SR.
Section beneath windmill. East Quarry. Feltrim Hill.
- S711. 'Edge-on' conglomerate from uppermost reef beds. XI
South face of East Quarry, Feltrim Hill SR.
- S712. Sediment - spar - fibrous calcite infilling of fossil. XI
Feltrim Hill, East Quarry. SR.
- S713. Fibrous calcite - sediment - spar infilling of cavity. XI.
Section beneath windmill, East Quarry, Feltrim. SR.
- S714. Reef breccia.
Feltrim East Quarry, South wall. XI SR.
- S715. Reef breccia.
Feltrim East Quarry. South wall. XI SR.
- S716. Sediment infilling of cavities
Windmill Section. East Quarry. Feltrim Hill. XI SR.
- S717. Layered & brecciated carbonate mudstone. XI
South wall, East Quarry. Feltrim Hill SR.
- S718. Typical calcite mudstone. XI
Face beneath Windmill, Feltrim East Quarry, Dublin. SR.
- S719. Bryozoa-supported reef limestone.
Feltrim Hill. Face beneath windmill. East Quarry XI SR.
- S720. Bryozoa reef limestone.
Feltrim Hill. Face beneath windmill. East Quarry XI SR.

- S721 Contact between layered carbonate mudstone & mudstone with bryozoa & cavities.
South wall, East Quay. Felkin Hill. x1. S.R.
- S722. Banded carbonate mudstone with ? dolomitisation.
East Quay, Felkin Hill. Co. Dublin x1 S.R.
- S723. Irregular contact between layered dark grey mudstone and light mudstone.
Windmill face, East Quay. Felkin Hill. x1 S.R.
- S724 Contact between light grey calcareous mudstone with crinoid debris and bryozoa - fibrous - calcareous limestone.
East Quay, Felkin Hill. x1 S.R.
- S725 Chalk. Cenomanian Limestone. Altenbeken, Westphalia. (Krantz).
No hand specimen. 1 thin section. S.T.
- S726 Chalk. Unknown locality.
No hand specimen. 1 thin section. S.T.
- S727 Chalk. Flamborough Head, Yorkshire England. (Lomax No. 622)
No hand specimen. 1 thin section. S.T.
- S728 Chalk. Grays, Essex. (Lomax No 624).
No hand specimen. 1 thin section. S.T.
- S729. Pisolithic Iron Ore. Trwyn-y-tal. Quarry near quay. Lleyn Peninsula. S.E.
N. Wales. No hand specimen. 1 thin section.
- S730 Oolitic ironstone. Claxby, Lincolnshire (Lomax S 593) S.E.
No hand specimen. 1 thin section.
- S731 Sedimentary ironstone with Orthis. Devonian.
Nictau, Nova Scotia. Canada. S.T.
- S732 Gypsum. Springfield Road Brickworks. Belfast x1 S.T.

- S733. Gypsum . Kingscourt . Co. Cavan . x1 S.T.
- S734. Gypsum . (Old Nos. 77 & 150). x1 S.T.
- S735. Gypsum . Co. Cavan . (Old No. 675) x1 S.T.
- S736. Gypsum . Kingscourt . Co. Cavan x1. S.T.
- S737. Gypsum (Old No. 232). Wurtemberg . x1 S.T.
- S738. Rock salt . Halite . x3 S.T.
- S739. Gypsum . (Krantz No. 291). Zechsteingyps . x1
Zechstein , Herges , Thuringa . S.T.
- S740. Gypsum . (Krantz . No 229). Kittelsthal , Thuringia .
x1 S.T.
- S741. Alabaster . x1. S.T.
- S742. Gypsum . 'Satin-spar' with marl .
Kingscourt . Co. Cavan x1 S.T.
- S743. Gypsum . Kingscourt . Co. Cavan . x2 . S.T.
- S744. Trachydrite . . Strassfurt . Germany? (1 bottle)
 $\text{CaCl} + 2 \text{MgCl} + 12\text{H}_2\text{O}$ S.T.
- S745. Rock Salt . Halite , NaCl. Strassfurt
1 bottle. S.T.
- S746. Rock salt . Halite . 1 bottle . S.T.
- S747. Steadite . Strassfurt . 1 bottle . S.T.
- S748. Polyhalite . $2.\text{CaO} . \text{SO}_3 + \text{MgO} . \text{SO}_3 + \text{K}_2\text{O} . \text{SO}_3 + 2\text{H}_2\text{O}$.
Strassfurt . 1 bottle . S.T.

- S 749. Sodium Chloride NaCl. 1 bottle. S.T.
- S 750. Boracite. Stassfurt.
1 bottle. S.T.
- S 751. Kieserite. $MgO \cdot SO_3 + H_2O$. Stassfurt
1 bottle. S.T.
- S 752. Foliated Lignite. Upper Miocene. (Krantz.)
Rott. Near Bonn S.T.
Blatterkohle, Paraffinkohle. Lignite. feuilletée. x1.
- S 753. Bituminous coal. Wales (Old No 793). x1 S.T.
- S 754. Mineral pitch. Derbyshire. x1 S.T.
- S 755. Asphalt. Cornon. Limagne.
'Retinasphalta'. (Brongniart). Territoire de Cornon. Limagne.
Old No 151. x1 S.T.
- S 756. Anthracite. Rossmore Colliery. Co. Carlow x6. S.T.
- S 757. Natural wax. x1 S.T.
- S 758. Bituminous arkose x1 S.T.
- S 759. Coal. Carboniferous. Murlough Bay x1 S.T.
- S 760. Oil Shale.
Broxburn Grey Seam. Calciferous Sandstone Series. x1 S.T.
Broxburn. Lillithgow.
- S 761. Lignite (Old No ^{153.} 353). x1. S.T.
- S 762. Peat x1 S.T.

- S763 Bituminous 'Ribbon Marble'. Homing. Bavaria.
x1. ST.
- S764 Lignite. Tertiary. x2.
Wetterau. (Old No. 247) ST.
- S765 Laminations of coal in sandstone x1
(Old No. 151). S.T.
- S766 Natural Asphalt Trinidad.
Presented Dr. J. M. Purser 1903 x1 ST.
- S767 White Quartz Conglomerate. Whiting Bay. ✓
Co. Waterford. ~~x16~~. x31 S.E.
- S768 Coral Limestone. ✓
x15. S.E.
- S769. Lignite: from excavation near surface x1 ST.
Memivell. Victoria. Australia
- S770 Quartzite. Nureaton. basal Cambrian x. S.R.
- S771 Goze. Building limestone x1 ST.
Sumar. Italy.
- S772. Goze. Hard building limestone x1 ST.
Sergola. Italy.
- S773 'St Georges Stone' Limestone x1 ST.
Stocks Point Quarry.
Used for lime: - The quarry is now worked out.
- S774 Malta, quality hardstone.
- S775 Ualra. 'Quality Soft Stone' Limestone x1. ST.
Lascarris Valletta. Italy

- S776 Hard building stone. Oolite-shell sandstone x1
Ireland Island. Marcia Hill Quarry. ST.
- S777 Hard fine limestone. Building stone.
Ireland Island. Hard stone from Keep Quarry used in
building powder magazines in the Keep & for Lime. ST.
- S778. Black limestone. Ballykillboy. ST.
- S779 Laminoidal ornamental limestone. x1 ST.
- S780 Cork Red 'Marble' lower Carboniferous limestone. x1 ST.
Little Island - Co Cork
- S781 Black limestone. ('Black Marble') Irish Marble Co. Kilkenny x1 ST.
Ireland.
- S782 Cork Red 'Marble'. Victoria Red. (Kilkenny Irish Marble Co). ST.
x1
- S783 Cork Red 'Marble' : ornamental limestone x1 ST.
- S784 'Madoc' Roofing Slate.
Festiniog Slate Quarries Association. Portmadoc. N. Wales ST
- S785 Bangor Blue roofing slate.
Penrhyn Quarry. N. Wales x1
- S786 } 'Kilkenny' Black ornamental limestones ST.
x2
- S787 } ST.
- S788 Black 'Birdseye' Building limestone. x1 ST.
Kilkenny, Ireland
- S789. Black limestone 'marble'. Galloway. Co. Kilkenny x1 ST.
- S790 Kilkenny 'Marble' Black Quarry x1 ST.
Kilkenny, Ireland

- S791 Allihies Sandstone . Beara Peninsula Gariffin Point. S.E.
x1. One Thin section. O.R.S.
- S792 Allihies Sandstone . Beara Peninsula. Gariffin Point. S.E.
x1. One Thin section. O.R.S.
- S793 Allihies Sandstone. Beara. Peninsula. B Engine Shaft. S.E.
Old Red Sst. x1. One thin section.
- S794. Allihies Sandstone. . Old Red Sandstone. S.E.
C. Cornish village. Allihies. Beara Peninsula.
x1. One Thin section.
- S795. Slate. Old Red Sandstone. S.E.
Beara Peninsula. Allihies
x1. One Thin section.
- S796. Cross section of a small sand volcano. x1. County Clare. S.T.
See Kwenen & Gill. Q.J.G.S.
- S797 Base of Carboniferous limestone
C2. Thornton Force. Ingleborough. Yorkshire. x1 ST
10 Thin sections for teaching
- S798. Ingleton Granite!
Arkose with mineral and rock fragments.
Ingleton Granite Quarry, Chapel-le-Dale. Ingleton. Yorks.
Pre Cambrian (Ingletonian) ✓ S.E.
(5.) 10 hand specimens. 15 thin sections (examination).
- S799 Brecciated dolomite. N. of Verona, Italy. S.T.
Triassic. - 1 THIN SECTION ONLY
- S800 Stylolite in cored limestone.
Murban Oilfield. Trucial Coast (Sheikdom of Abu Dhabi).
Murban No 14 well, core 1, Depth 8757 feet.
Presented by Mr. Dunnington. Chief geologist Iraqi Petroleum Co. 1964 S.T.

- S 801 Flute casts on bedding plane sole of a siltstone.
Showing fill by cement cross-lamination.
Locality. Booley Bay.
S.W. Co. Wexford. S.T.
- S 802 Reef 'tufa'. Knowliver Slaidburn C2 reef.
Slide (thin section) no hand specimen. S.E.
- S 803 Argillaceous foraminiferal limestone
Near base of Duleek Quarry, outside Duleek, right side Navan Rd. S.E.
Tournasian. 12 thin sections. No hand specimen.
- ~~S 803~~
- S 804 Micro-breccia. Matrix of Lane Conglomerate,
Loughshinny. 10 thin sections. No hand specimen. S.T.
- S 805 Pellet limestone L. Carb. (Calp) Malahide S.T.
Boring M2, 180 ft. 10 thin sect. 1 core spec.
- S 806 Pellet limestone. L. Carb. (Calp). Malahide. S.T.
Boring M12. 10 sections 180 ft. 3 hand specimens, 150', 218', 218'
- S 807. Pellet limestone, L. Carb. (Calp) S.E.
Trim₂ boring. 1823 feet.
- S 808 'Reef' limestone, L. Carb. S₂ D₁ Trim Boring (Ambassador) S.T.
506-27 ~~1175~~ feet also NO. 210 in Demonstration Set
contemporaneous
- S 808 'Reef' limestone with? haematite. L. Carb. Waulsortian (15) S.E.
Trim boring. 1273 feet. Ambassador Gil.
- S 810 ZnS in Transvaal series (K). Alternate bioclastic mudst. & quartzites. S.E.
K 20, 142 ft. Red Hill Boring (Rio Tinto Corp). Volcanic cement.
Massive ZnS with silicification (chalcocite). (10 sections)
Hydrothermal replacement of? limestone.
- S 811 K 24, 410 ft. Red Hill Boring (Rio Tinto Corp) (10 sections)
ZnS as matrix to sandstone. Hydrothermal replacement
(silicification & mineralisation) of matrix. Quartz grains etched
- S 812 Pellet limestone, Malahide Core, M.9, 856 ft. (Z₁ Age). S.T.
(10 thin sections)

- S. 813 Reef Limestone, Benbulbin, Co. Sligo 8 THIN SECTIONS. S.T.
Calcareous Mudstone with finely comminuted shell debris,
- S. 814 ✓ Cleared Limestone with Red Marble, Kenmare. K QM 8 Core 276 feet. 10 THIN SECTIONS. (exam COLLECTION Museum, Box - 3) S.E.
- S. 815 FORAMINIFERAL LIMESTONE, LYONS HILL, Co. KILDARE. S.T.
11 THIN SECTIONS.
- S. 816 Lower Carboniferous Limestone. Cleared Boring K 87, Kenmare (10 THIN SECTIONS). S.T.
- S. 817 CASTLEISLAND RED MARBLE FROM QUARRY SOUTH OF 36 SPECIMENS IN ALL. ✓ CASTLEISLAND, Co KERRY. S.E.
- S. 818 DINGLE PEBBLE BEDS, Polygenetic Sandstone with Pebbles from Dingle, Co. Kerry. } 60-S.T.(J.F.)
43-S.E.(✓)
- S. 819 DINGLE SANDSTONE, FROM Dingle, Co. Kerry } 40-S.E. ✓
- S. 820 DINGLE SANDSTONE WEATHERED WHITE, } 60-S.T. (J.F.)
DINGLE, Co Kerry } 22-S.E. ✓
- S. 821 INCH CONGLOMERATE, FROM } 40-S.T.(J.F.)
Inch, Co. Kerry. } 30-S.E. ✓
- S. 822 DOLOMITIC LIMESTONE, FROM Co. CLARE. } 30-S.E.
40-S.T.(J.F.)
- S. 823 BIOMORPHIC (NOTE - SILICA DIAGENESIS & INFILLS 10 THIN SECTIONS S.E. (S₂/D₁) 2 GRAIN GROWTH) DRIFT BOULDER, LOUGH GARRA, Co. ROSCOMMON
- S. 833 Micro. ~~Bryozoa~~ ^{Bryozoa} Lower Llandowry, Mountain Lodge, Co. Cavan. x 33 S.E.
- S. 834 Basalt & Chalky Tuff. Kenbane Head. Co. ANTRIM x 50
- S. 835 Sandstone. x 61. S.E.
- S. 836 Limestone. x 60 S.E.
- S. 837. Flagstone gneissoid fossils. Co. CLARE. x 60 S.E.

- S. 838. Jasper Conglomerate. Louisbourg, X ⁶⁵₈₀ S.E.
- S. 839 Grotty siltstone Glieve Bernagh X (Bistides) S.E.
- S. 840 lower Chalk Cherry Hinton, Cambridgeshire X 55. S.E.
- S. 841 Red silty Sandenstone X 70 S.E.
- S. 842 Dolite X 47. S.E.
- S. 843 Slate X 74 S.E.
- S. 844 Serpentine X 60. S.E.
- ~~S. 845~~