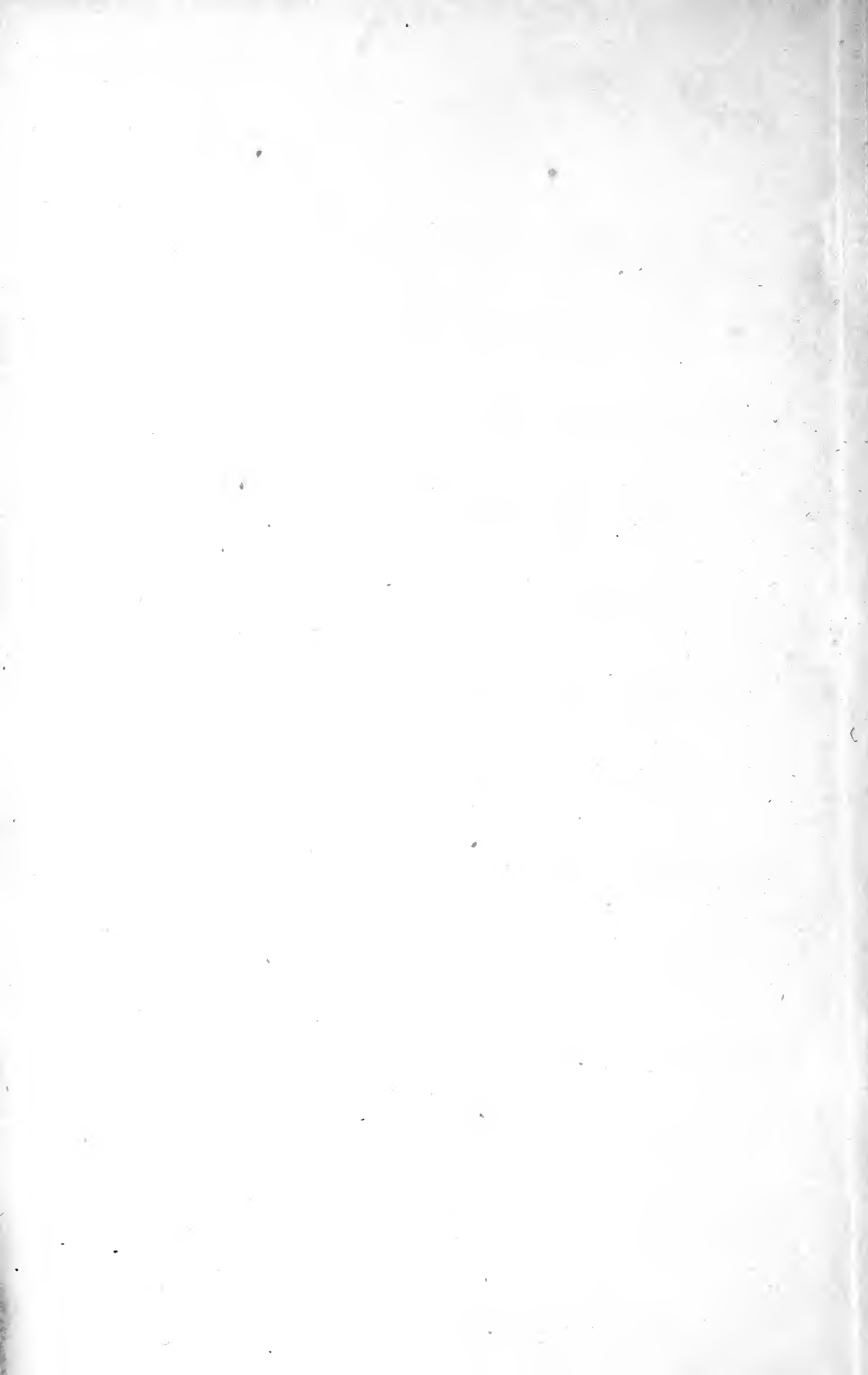


BATHYMETRICAL SURVEY
OF THE
FRESH WATER LOCHS
OF
SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S.
AND
LAURENCE PULLAR, F.R.S.E.

VOL. IV.
PLATES.
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Page 14



BATHYMETRICAL SURVEY
OF THE
SCOTTISH FRESH-WATER LOCHS

Report on the Scientific Results

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BATHYMETRICAL SURVEY

OF THE

SCOTTISH FRESH-WATER LOCHS

CONDUCTED UNDER THE DIRECTION OF

SIR JOHN MURRAY
K.C.B., F.R.S., D.Sc., Etc.

AND

LAURENCE PULLAR
F.R.S.E., F.R.G.S.

DURING THE YEARS 1897 TO 1909

Report on the Scientific Results

VOLUME IV

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TO THE MEMORY OF

FREDERICK PATTISON PULLAR

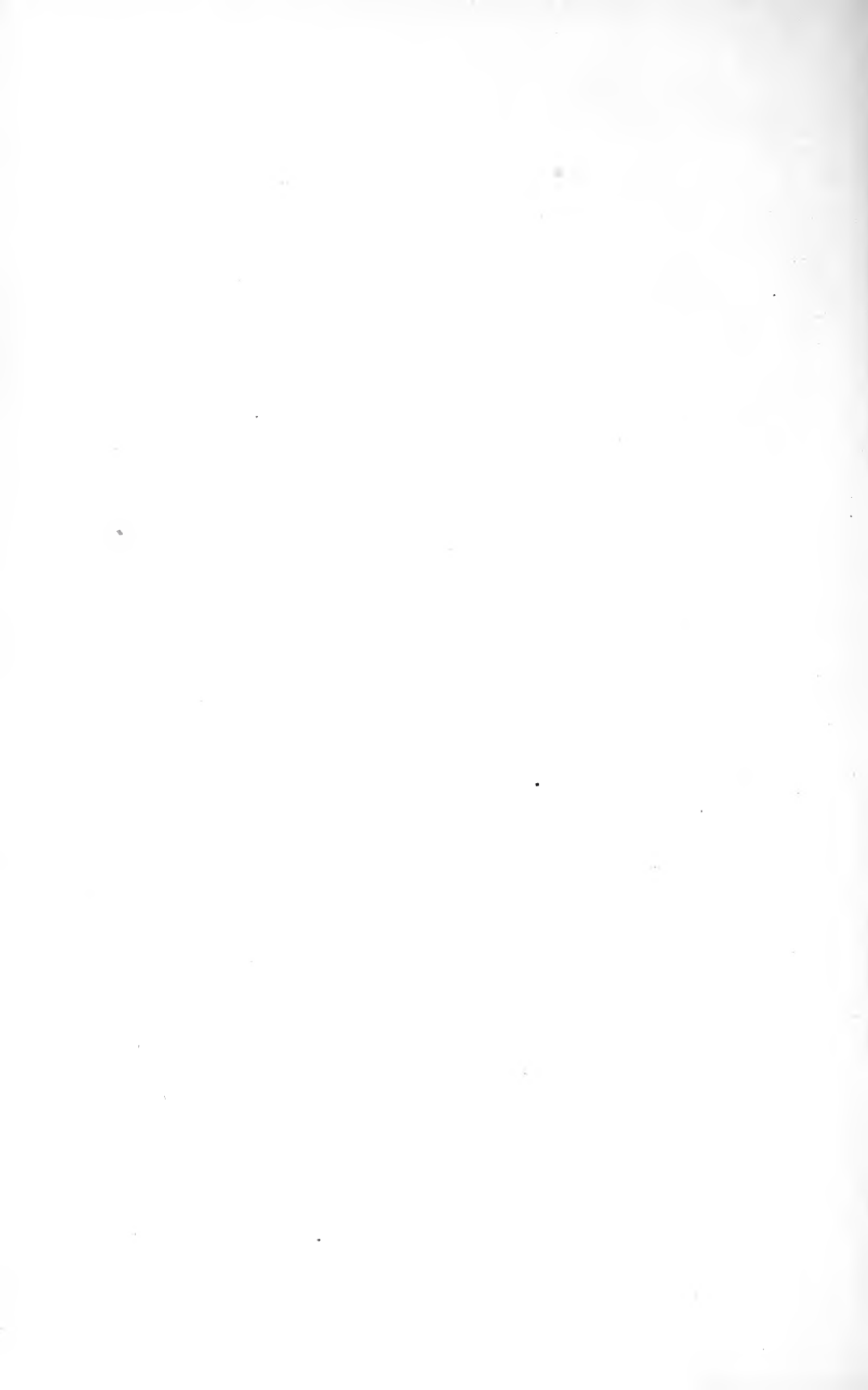
WHO WAS DROWNED

WHILE ATTEMPTING TO SAVE THE LIVES OF OTHERS

ON 15TH FEBRUARY 1901

AT THE AGE OF TWENTY-FIVE YEARS

*He took an active part in the initiation
of this systematic survey of the
Scottish Fresh-water Lochs*



P R E F A C E

THIS publication consists of six volumes, two of text and four of maps, and gives an account of the work done, of the observations recorded, and of most of the results obtained, during an investigation into the bathymetry of the fresh-water lochs or lakes of Scotland between the years 1897 and 1909.

Although the determination of the depths of the lakes, and of the general form of the basins in which they lie, made up the principal work of the Survey, still a very large number of observations were carried out in other branches of the science of limnography. Many of these observations and the results were published from time to time, as the work proceeded, in scientific journals, while others now appear in print for the first time.

Volume I. consists for the most part of new matter. It includes numerous articles dealing with the general results of the researches from the topographical, geological, physical, chemical, and biological points of view, a comparison of Scottish lakes with lakes in other parts of the world, and various theoretical considerations. These articles have been written chiefly by gentlemen who have taken an active part in the field-work of the Survey. This volume also contains an extensive bibliography of books and special papers referring to lakes.

Volume II. contains the special descriptions of the lakes, the maps of which appear in Volumes III., IV., V., and VI. Throughout the text will be found numerous index-maps, showing the drainage areas of the districts in which the lochs are situated, together with other illustrations.

The bathymetrical maps have all appeared during the past eight years in the *Journal of the Royal Geographical Society* or in an extra publication of the same Society; and some of the maps have also been published in the

Magazine of the Royal Scottish Geographical Society. These maps consist of two series. In the first series (Volumes III. and IV.), the contours of depth in the lakes are shown in shades of blue, and the contours of the height of the surrounding land are shown in brown shades of colour; in the second series (Volumes V. and VI.), the contours of depth are shown in shades of blue, the brown shades on the land being omitted.

In addition to the bathymetrical maps, there are also a few maps showing the surface geology, the rainfall, and other physical features of some of the districts.

These maps have all been prepared and printed by Dr J. G. Bartholomew, and we desire to express our indebtedness to him for the care with which these have been produced, and for his assistance and advice in many directions. We are also indebted to Messrs G. Cornwall & Sons, Aberdeen, for their assistance and advice with regard to the binding of the maps, and to Messrs Neill & Co., Edinburgh, for their advice in connection with the letterpress.

We feel confident that the whole investigation has resulted in very substantial contributions to knowledge. Some of the observations—those regarding the temperature seiche, and the variation of the viscosity of the water with temperature, for example—throw much light on obscure oceanographical problems. Most of the observations could, with advantage, have been carried further, by means of improved instruments and methods suggested during the progress of the work, but it was found necessary to terminate the survey, at least in the meantime, and to review what had been accomplished. We are conscious of many shortcomings.

In conclusion, we tender our best thanks to all who have assisted us in carrying these investigations to a successful conclusion.

JOHN MURRAY.

LAURENCE PULLAR.

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STATISTICAL TABLES OF THE SCOTTISH FRESH-WATER LOCHS

(Surveyed during the years 1897 to 1909)

DURING the course of the Lake Survey work 562 of the Scottish fresh-water lochs were surveyed. These include all the principal lochs of the country, and a very large number of the smaller and less important ones. As a matter of fact, all lochs were surveyed on which boats could be found at the time the work was being carried out. To have included all the smaller highland and less accessible lochs and tarns would have very greatly increased the expense and the time involved. To transport a boat to many of the remote lochs in the Highlands would have entailed much labour and difficulty, not to speak of the objections of proprietors, keepers, and others, who do not wish to have grouse moors and deer forests disturbed at a time of the year when the lochs are most accessible.

The general results of the survey work are, however, in no way affected by these smaller lochs having been excluded, for a great many lochs have been surveyed in all districts of the country.

The following tables are intended to summarise the results which are given in detail in Volume II. of this Report.

Table I. shows the lakes arranged according to their lengths.

Table II. shows the lakes arranged according to their superficial areas.

Table III. shows the lakes arranged according to their maximum depths.

Table IV. shows the lakes arranged according to their mean depths.

Table V. shows the lakes arranged according to the volume of water in each.

Table VI. shows:—

- (a) The number of lakes surveyed in the various river basins ;
- (b) The number of soundings taken in the lakes of the various river basins ;

- (c) The volume of water in the lakes of the various river basins in millions of cubic feet ;
- (d) The superficial area of the lakes in the various river basins ;
- (e) The extent of the drainage area in the various river basins, together with the ratio of the drainage area to the superficial area of the lakes.

The information in Table VI. is extracted from the tables given in greater detail in the descriptions which will be found in Volume II. of this Report.

From this table it will be seen that 562 lochs have been surveyed, and that the number of soundings recorded on the maps of these lochs is 59,195. The actual number taken exceeds 60,000. The aggregate area of the water-surface is over 340 square miles, and therefore the average number of soundings per square mile of surface is 174.

The aggregate volume of water contained in these 562 lochs is estimated at about 1,015,814 millions of cubic feet, or nearly 7 cubic miles. The area drained by the lochs is about 6669 square miles, or about $19\frac{1}{2}$ times the area of the lochs.

TABLE I

FRESH-WATER LOCHS OF SCOTLAND (SOUNDED BY THE LAKE SURVEY)
ARRANGED ACCORDING TO LENGTH

Loch.	Length. Miles.	Loch.	Length. Miles.
1. Awe (Etive)	25·47	55. Beoraid	3·43
2. Ness	24·23	56. Dùn na Seileheig	3·41
3. Lomond	22·64	57. Eilt	3·37
4. Shiel	17·40	58. na Meide	3·33
5. Shin	17·22	59. Avich	3·30
6. Tay	14·55	60. Stack	3·27
7. Ericht	14·50	61. Affric	3·20
8. Maree	13·46	62. Ossian	3·20
9. Arkaig	12·00	63. Skinaskink	3·16
10. Morar	11·68	64. Cliff	3·16
11. Lochy	9·78	65. Coir' an Fhèarna	3·15
12. Rannoch	9·70	66. Bà (Mull)	3·04
13. Katrine	8·00	67. Obisary	3·03
14. Langavat (Lewis)	7·86	68. Merkland	3·02
15. Laggan	7·04	69. St Mary's	3·02
16. Quoich	6·95	70. nan Cuinne	3·00
17. Fannich	6·92	71. Watten	3·00
18. Earn	6·46	72. Trealaval	2·90
19. Assynt	6·36	73. Càrn	2·76
20. Naver	6·18	74. Loyne (East)	2·75
21. Hope	6·13	75. Tummel	2·75
22. Eck	6·02	76. Suainaval	2·68
23. Fionn (Guinard)	5·76	77. a' Bhraoin	2·66
24. Doon	5·64	78. Beinn a' Mheadhoin	2·64
25. Laidon	5·30	79. nan Eun (N. Uist)	2·63
26. Treig	5·10	80. Fadagoa	2·60
27. Luichart	5·05	81. Garry (Tay)	2·55
28. Garry (Ness)	4·90	82. Strom	2·54
29. Mhor	4·84	83. Tulla	2·50
30. Harray	4·84	84. Talla	2·47
31. Ken	4·62	85. Fionn (Kirkaig)	2·40
32. Frisa	4·50	86. nan Geireann (Mill)	2·39
33. Scadavay (East)	4·50	87. Calder	2·32
34. Laoghal	4·46	88. Morie	2·30
35. Clunie (Ness)	4·28	89. Ard	2·30
36. Mullardoch	4·16	90. Grunavat	2·26
37. More (Laxford)	4·11	91. Ruthven	2·26
38. Monar	4·10	92. Muick	2·22
39. Veyatie	4·05	93. Langavat (Benbecula)	2·20
40. Glass	4·03	94. Lochindorb	2·18
41. Expansions of River Dee	4·02	95. Bà (Tay)	2·15
42. Oich	4·02	96. Bad a' Ghaill	2·13
43. Veunachar	4·00	97. Boardhouse	2·03
44. Lubnaig	4·00	98. Grennoch	2·02
45. Damh (Torridon)	3·93	99. Dhùghaill (Carron)	2·02
46. Lurgain	3·87	100. Skebacleit	2·00
47. Scadavay (West)	3·80	101. Swannay	2·00
48. Stenness	3·79	102. Èilde Mòr	1·98
49. na Sheallag	3·74	103. Migdale	1·92
50. Fada (Èwe)	3·74	104. na Sàlach Uidhre	1·90
51. Leven	3·65	105. Urigill	1·86
52. Brora	3·53	106. Beannachan	1·85
53. Voil	3·50	107. Arienas	1·85
54. a' Chroisg	3·47	108. Achall	1·83

TABLE I—*continued*

Loch.	Length. Miles.	Loch.	Length. Miles.
109. na h-Earba (West)	1·80	169. Shurrery	1·28
110. Fada (N. Uist)	1·80	170. Harperrig	1·27
111. Woodhall	1·79	171. Buidhe (Fleet)	1·27
112. a' Bhealaich (Gairloch)	1·78	172. na h-Earba (East)	1·27
113. Thom	1·78	173. Hunder	1·26
114. Lyon	1·74	174. Kirbister	1·26
115. Freuchie	1·74	175. Bunacharan	1·26
116. na h-Oidhche	1·73	176. an t-Seilich	1·26
117. Castle Semple	1·72	177. Martnaham	1·26
118. Eye	1·72	178. Achray	1·25
119. an Daimh (Shin)	1·71	179. Rescobie	1·24
120. Baddanloch	1·70	180. Beannach (Inver)	1·24
121. Chon (Forth)	1·70	181. Urrahag	1·24
122. Nell	1·68	182. Loch	1·23
123. Trool	1·68	183. Droma	1·23
124. Heouravay	1·68	184. Dubh (Gruinard)	1·23
125. Leum a' Chlamhain	1·62	185. Muckle Water	1·21
126. Fiodhaig	1·61	186. an Gead	1·21
127. Heilen	1·60	187. Sloy	1·21
128. Olavat	1·60	188. Lowes (Tay)	1·20
129. Fad	1·60	189. Castle (Bladenoch)	1·20
130. Menteith	1·60	190. Inbhir	1·20
131. Ashie	1·60	191. Maberry	1·19
132. a' Bhealaich (Naver)	1·60	192. Dee	1·18
133. a' Bhaid-Luachraich	1·57	193. a' Bharpa	1·18
134. Creagach	1·57	194. Garbhaig	1·18
135. Owskeich	1·56	195. an Duin (Spey)	1·18
136. Gladhouse	1·56	196. Tralaig	1·16
137. an Dithreibh	1·55	197. an Stromore	1·15
138. Scamadale	1·54	198. na Leitreach	1·14
139. an Ruathair	1·54	199. Oban nam Fiadh	1·13
140. Garve	1·54	200. Sgamhain	1·12
141. a' Chlàir (Helmsdale)	1·53	201. Calavie	1·12
142. Fada (Gruinard)	1·52	202. Killin	1·12
143. Mochrum	1·50	203. nam Breac	1·12
144. a' Ghriama	1·50	204. an Eilein (Spey)	1·10
145. Threipmuir	1·50	205. Milton	1·10
146. Girlsta	1·48	206. Meiklie	1·10
147. Finlas	1·46	207. Auchenreoch	1·08
148. Poulary	1·46	208. Forfar	1·07
149. an Tomain	1·45	209. Crogavat	1·06
150. Caravat	1·45	210. Kinord	1·06
151. Lungard	1·44	211. Benachally	1·05
152. Dilate	1·43	212. a' Bhaillidh	1·04
153. an Dùin (N. Uist)	1·40	213. Turret	1·04
154. Cròcach	1·40	214. More Barvas	1·04
155. Gorm Loch Mòr	1·39	215. Gartmorn	1·04
156. Clair (Ewe)	1·38	216. Insh	1·03
157. Lintrathen	1·38	217. Moy	1·03
158. Black (Ryan)	1·36	218. Borralan	1·03
159. Strandavat	1·36	219. Pattack	1·03
160. a' Chuilim (Conon)	1·35	220. Morlich	1·02
161. Iubhair	1·35	221. Tingwall	1·02
162. Kernsary	1·35	222. an Staca	1·02
163. Coulin (Ewe)	1·33	223. ic Colla	1·00
164. Kilbirnie	1·32	224. na Craobhaig	1·00
165. Spiggie	1·30	225. Vatandip	1·00
166. Hundland	1·30	226. Gainmheich (South)	1·00
167. Knockie	1·30	227. Wester	1·00
168. Loyne (West)	1·28	228. Drunkie	1·00

STATISTICAL TABLES

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TABLE I—continued

Loch.	Length. Miles.	Loch.	Length. Miles.
229. Arklet	1'00	289. na Creige Duibhe	0'80
230. Doine	1'00	290. na Moracha	0'80
231. an Lagain	1'00	291. Kindar	0'80
232. Skaill	0'98	292. Builg	0'80
233. Skene (Dee)	0'98	293. Kirk Dam	0'80
234. na Beinne Bàine	0'97	294. Crò Criosdaig	0'80
235. Bodavat	0'96	295. Eela	0'79
236. Cùil na Síthe	0'96	296. Chalaim	0'78
237. Daimh (Tay)	0'96	297. Skiach	0'78
238. Ailsh	0'95	298. Hempriggs	0'77
239. Cuil Airidh a' Flod	0'94	299. Lochrutton	0'77
240. Alvie	0'94	300. Airidh na Lic	0'76
241. Gryfe	0'94	301. Raoinavat	0'76
242. na Cuaich	0'94	302. Gelly	0'76
243. Con (Tay)	0'94	303. Lundie (Garry)	0'76
244. Dungeon	0'93	304. na Mòine Buige	0'76
245. Skealtar	0'93	305. Araich-Lin	0'75
246. Clousta	0'92	306. an Laig Aird	0'74
247. Dubh (Gairloch)	0'92	307. Davan	0'74
248. Nant	0'90	308. nam Breac Dearga	0'74
249. Tollie	0'90	309. Muckle Lunga	0'74
250. Hermidale	0'90	310. nan Deaspoirt	0'74
251. Huna	0'90	311. Bran	0'74
252. Bradan	0'90	312. Howie	0'74
253. Fitty	0'90	313. a' Ghobhainn	0'73
254. Peppermill	0'90	314. Druim Suardalain	0'73
255. North-house	0'90	315. na Lairige	0'73
256. Ochiltree	0'89	316. Stacsavat	0'72
257. White (Ryan)	0'88	317. an Drainc	0'72
258. Ceò-Glas	0'88	318. Skeen (Annan)	0'72
259. Allt an Fhearna	0'88	319. Sgnod	0'72
260. Eigheach	0'88	320. Broom	0'72
261. Achilty	0'87	321. Skerrow	0'70
262. Tankerness	0'86	322. na Bi	0'70
263. More (Thurso)	0'86	323. Eileach Mhic' ille Riabhaich	0'70
264. a' Bhaid Daraich	0'86	324. Tearnait	0'70
265. Crombie Den	0'86	325. Syre	0'70
266. Lùnn dà-Bhrà	0'86	326. Caol na Doire	0'70
267. Drumellie	0'86	327. Long	0'70
268. a' Mhuillin	0'84	328. nan Lann	0'70
269. Vaara	0'84	329. Carlingwark	0'70
270. Achanalt	0'84	330. Benisval	0'70
271. Callater	0'84	331. Bad an Sgalaig	0'69
272. Lowes (Tweed)	0'84	332. Spynie	0'69
273. Oban a' Chlachain	0'84	333. Tarff	0'69
274. Ussie	0'84	334. Tormasad	0'69
275. Lindores	0'84	335. Seil	0'68
276. Scarmclate	0'84	336. Ghuiragarstidh	0'68
277. Truid air Sgithiche	0'84	337. Baile a' Ghobhainn	0'68
278. a' Bhuird	0'84	338. Crunachan	0'68
279. na Moine	0'83	339. Rosebery	0'68
280. Castle (Annan)	0'83	340. Drummond	0'68
281. Braigh Horrisdale	0'82	341. Kennard	0'68
282. Ghuilbinn	0'82	342. Deoravat	0'68
283. na h-Achlaise	0'82	343. Clings	0'68
284. St John's	0'82	344. na h-Airidh Sléibhe	0'68
285. Awe (Inver)	0'82	345. Dornal	0'68
286. Giorra	0'82	346. Bogton	0'66
287. an Tuirc	0'81	347. Portmore	0'66
288. Linlithgow	0'80	348. an Eilein (Gairloch)	0'66

TABLE I—*continued*

Loch.	Length. Miles.	Loch.	Length. Miles.
349. a' Bhealaich (Alsh)	0·66	409. Whinyeon	0·56
350. Stormont	0·66	410. a' Chonnachair	0·56
351. Morsgail	0·66	411. an Nostarie	0·56
352. Dibadale	0·66	412. Whitefield	0·56
353. an t-Slagain	0·65	413. na Ceithir Eileana	0·56
354. Ordie	0·64	414. Sròn Smeur	0·56
355. Gleann a' Bhearraidh	0·64	415. Gown (South)	0·55
356. Grass	0·64	416. Moraig	0·55
357. Raonagail	0·64	417. Monzievairst	0·55
358. Sealbbag	0·64	418. Coire nam Meann	0·54
359. Bosquoy	0·64	419. Kilconquhar	0·54
360. Valtos	0·64	420. na Stainge	0·54
361. Beannach (Gruinard)	0·63	421. a' Mhiotailt	0·54
362. Arthur	0·63	422. Bruadale	0·54
363. Edgelaw	0·62	423. Asta	0·53
364. Bad a' Chrotha	0·62	424. Uanagan	0·52
365. Roer	0·62	425. Burga	0·52
366. Craggie	0·62	426. Allan	0·52
367. na Déighe fo Dheas	0·62	427. an Losgainn Mòr	0·52
368. Allt na h-Airbhe	0·62	428. Kemp	0·52
369. Doire nam Mart	0·62	429. Monk Myre	0·52
370. an Laghair	0·62	430. nan Druimnean	0·52
371. Dochart	0·62	431. Lochinvar	0·52
372. Fiart	0·62	432. Flugarth	0·52
373. an Tachdaidh	0·62	433. a' Buaille	0·52
374. Clunie (Tay)	0·62	434. na Coinnich	0·51
375. Urr	0·62	435. an Leoid	0·50
376. Dochard	0·62	436. an t-Seasgairn	0·50
377. Seaslavat	0·62	437. Aithness	0·50
378. a' Chlachain (Lewis)	0·62	438. Balgavies	0·50
379. Black (Etive) (East)	0·62	439. Burntisland	0·50
380. nam Faoileag	0·62	440. Harperleas	0·50
381. Leitir Easaich	0·61	441. Eldrig	0·50
382. a' Choire	0·61	442. Littlester	0·50
383. Harelaw	0·60	443. Kilcheran	0·50
384. an Droighinn	0·60	444. na Doire Daraich	0·50
385. Leodsay	0·60	445. Tarruinn an Eithir	0·50
386. Isbister	0·60	446. na Sreinge	0·50
387. Buraland	0·60	447. Mhic' ille Riabhaich	0·49
388. Sabiston	0·60	448. Hosta	0·49
389. Snarravoe	0·60	449. Breaclaich	0·49
390. Ederline	0·60	450. Peerie	0·48
391. Airdh na Ceardaich	0·60	451. a' Chlachain (Nairn)	0·48
392. Dhomhnuill Bhig	0·60	452. nan Eun (Ness)	0·48
393. an Iasgaich	0·59	453. Monkie (South)	0·48
394. Lochaber	0·59	454. Punds	0·48
395. Derculich	0·59	455. na Craige	0·48
396. Bhradain	0·58	456. a' Ghlinne Dorcha	0·47
397. nan Gabhar	0·58	457. Moor Dam	0·47
398. Phitiùlais	0·58	458. Lundie (Clunie)	0·46
399. Craighlush	0·58	459. Shechernich	0·46
400. Butterstone	0·58	460. Liath	0·46
401. Veiragvat	0·58	461. Essan	0·46
402. Derclach	0·58	462. Fithie	0·46
403. Soulseat	0·58	463. a' Phearsain	0·46
404. Gown (North)	0·57	464. nan Eun (Tay)	0·45
405. Black (Etive) (West)	0·56	465. a' Vullan	0·45
406. Black (Etive) (Mid)	0·56	466. Rae	0·44
407. White of Myrton	0·56	467. Holl	0·44
408. Dhùgail (Torridon)	0·56	468. an Dùna	0·44

STATISTICAL TABLES

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TABLE I—continued

Loch.	Length. Miles.	Loch.	Length. Miles.
469. Brow	0·44	517. Brough	0·32
470. Lochnaw	0·44	518. Geal	0·32
471. Dallas	0·43	519. Kilchoan (Upper)	0·32
472. Mill	0·43	520. a' Chaoruinn	0·32
473. Dubh (Ailort)	0·43	521. Sior	0·32
474. Muck	0·42	522. na Garbh-Abhuinn Ard	0·32
475. Clickhimin	0·42	523. Kinghorn	0·31
476. Harrow	0·42	524. a' Chladhaich	0·31
477. Kirk	0·42	525. nan Losgauan	0·30
478. Monikie (North)	0·42	526. Hightae Mill	0·30
479. Gamhna	0·42	527. Dubh-Mòr	0·30
480. Lochenbreck	0·42	528. Beag	0·30
481. na h-Ealaidh	0·42	529. Sand	0·29
482. na Claise Fèarna	0·42	530. Duartmore	0·29
483. nan Geireann	0·41	531. Clubbi Shuns	0·29
484. Lure	0·40	532. Hostigates	0·28
485. Sandy	0·40	533. Scoly	0·28
486. nan Garbh Chlachain	0·40	534. nan Ràth	0·28
487. Bhac	0·38	535. Black (Tay)	0·28
488. Brouster	0·38	536. Drumlamford	0·28
489. Fleet	0·38	537. nan Àuscot	0·27
490. Hoglinns	0·38	538. na Creige Léithe	0·27
491. Collaster	0·38	539. Cults	0·26
492. na Beiste	0·37	540. Skae	0·26
493. Màma	0·37	541. Cornish	0·26
494. Fyntalloch	0·37	542. Kirrieroch	0·26
495. Auchenchapel	0·37	543. Eion Mhic Alastair	0·25
496. Birka	0·36	544. na Beithe	0·25
497. Aboyne	0·36	545. an Dubh (Lochy)	0·24
498. na Garbh-Abhuinn	0·36	546. an Tairbeirt Stuaadhaich	0·23
499. Hoil	0·36	547. Magillie	0·22
500. Blairs	0·36	548. Tùtach	0·22
501. Gainmheich (North)	0·36	549. Cranu	0·22
502. a' Bhainne	0·36	550. Setter	0·22
503. Kilchoan (Lower)	0·36	551. Pitlyal	0·21
504. Tilt	0·35	552. na Gealaich	0·21
505. Anna	0·35	553. Choire na Cloich	0·20
506. Aslaich	0·35	554. Dubh (Forth)	0·20
507. Fingask	0·35	555. Loch on Eilean Subhainn (Maree)	0·18
508. Dubh (Etive)	0·35	556. Dubh (Ness)	0·18
509. Maol a' Choire	0·34	557. na h-Eaglais	0·16
510. Laide	0·34	558. Uaine	0·14
511. White (Tay)	0·34	559. St Margaret's	0·13
512. Duddingston	0·34	560. Dhu (Portsonachan)	0·12
513. Kinellan	0·33	561. Allt na Mult	0·12
514. Fender	0·33	562. Rainbow	0·10
515. Ree	0·32		
516. Buidhe (Tay)	0·32		

TABLE II

FRESH-WATER LOCHS OF SCOTLAND (SOUNDED BY THE LAKE SURVEY)
ARRANGED ACCORDING TO SUPERFICIAL AREA

Loch.	Area. Square Miles.	Loch.	Area. Square Miles.
1. Lomond	27.45	54. nan Cuiune	1.15
2. Ness	21.78	55. Coir' an Fhearna	1.15
3. Awe (Etive)	14.85	56. Tulla	1.10
4. Maree	11.03	57. Clunie (Ness)	1.10
5. Morar	10.30	58. Ossian	1.03
6. Tay	10.19	59. Bad a' Ghail	1.02
7. Shun	8.70	60. Menteith	1.02
8. Shiel	7.56	61. Càrn	1.01
9. Rannoch	7.37	62. a' Chroisg	1.00
10. Ericht	7.21	63. Stack	0.99
11. Arkaig	6.24	64. St Mary's	0.99
12. Lochy	5.91	65. Baddanloch	0.99
13. Leven	5.30	66. Tummel	0.98
14. Katrine	4.78	67. Lubnaig	0.96
15. Earn	3.91	68. Ard	0.94
16. Harray	3.78	69. Swannay	0.94
17. Fannich	3.60	70. Suainaval	0.94
18. Fionn (Gruinard)	3.52	71. Veyatie	0.93
19. Langavat (Lewis)	3.45	72. Morie	0.92
20. Assynt	3.10	73. Bà (Tay)	0.92
21. Laggan	2.97	74. Boardhouse	0.89
22. Quoich	2.86	75. Brora	0.88
23. Laoghal	2.55	76. Voil	0.88
24. Stenness	2.46	77. na Meide	0.87
25. Treig	2.41	78. Muick	0.85
26. Hope	2.35	79. Lochindorb	0.84
27. Naver	2.26	80. an Ruathair	0.82
28. Skinaskink	2.09	81. Affric	0.82
29. Doon	2.04	82. Beinn a'-Mheadhoin	0.79
30. Dùn na Seilcheig	1.95	83. Urigill	0.78
31. Glass	1.86	84. Oich	0.76
32. Laidon	1.80	85. an Dithreibh	0.74
33. Luichart	1.76	86. Fada (N. Uist)	0.70
34. Garry (Ness)	1.75	87. Merkland	0.69
35. Eck	1.70	88. nan Geireann (Mill)	0.68
36. Frisa	1.69	89. Expansions of River Dee	0.67
37. Mhor	1.69	90. a' Bhraoin	0.66
38. Vennachar	1.61	91. Arienas	0.66
39. More (Laxford)	1.46	92. Eilt	0.66
40. Watten	1.45	93. Owskeich	0.65
41. Fada (Ewe)	1.44	94. Lintrathen	0.62
42. na Sheallag	1.37	95. Garry (Tay)	0.61
43. Ken	1.36	96. Trealaval	0.61
44. Damh (Torridon)	1.33	97. Grunavat	0.60
45. Calder	1.32	98. Gladhouse	0.59
46. Lurgain	1.26	99. Garve	0.59
47. Bà (Mull)	1.21	100. Fiodhaig	0.58
48. Avich	1.21	101. Caravat	0.58
49. Scadavay (West)	1.20	102. Ruthven	0.57
50. Mullardoch	1.18	103. Beoraid	0.55
51. Monar	1.17	104. Leum a' Chlamhain	0.55
52. Obisary	1.17	105. na h-Oidhe	0.54
53. a' Chlàir (Helmsdale)	1.17	106. Freuchie	0.54

STATISTICAL TABLES

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TABLE II—*continued*

Loch.	Area. Square Miles.	Loch.	Area. Square Miles.
107. Achall	0·52	166. Heilen	0·30
108. nan Eun (N. Uist)	0·52	167. Skebacleit	0·30
109. Ashie	0·52	168. na h-Achlaise	0·29
110. Thom	0·52	169. Kinord	0·29
111. Strom	0·52	170. a' Bhaillidh	0·29
112. a' Bhaid-Luachraich	0·51	171. Hunder	0·29
113. Nell	0·50	172. Truid air Sgithiche	0·29
114. Fadagoa	0·48	173. Moy	0·29
115. Talla	0·47	174. Gorm Loch Mòr	0·29
116. Morlich	0·47	175. More (Thurso)	0·28
117. Scadavay (East)	0·46	176. Fad	0·28
118. Creagach	0·46	177. Knockie	0·28
119. Skene (Dee)	0·46	178. Drumellie	0·27
120. Grennoch	0·45	179. Pattack	0·27
121. Insh	0·44	180. an Daimh (Shin)	0·27
122. a' Bhealaich (Gairloch)	0·44	181. Maberry	0·27
123. Dhùghaill (Carron)	0·44	182. Benisval	0·27
124. Chon (Forth)	0·43	183. Clubbi Shuns	0·27
125. Loyne (East)	0·43	184. a' Bhealaich (Naver)	0·27
126. Hundland	0·43	185. Turret	0·26
127. Beannachan	0·42	186. Calavie	0·26
128. na h-Earba (West)	0·41	187. Woodhall	0·26
129. Migdale	0·41	188. an Staca	0·26
130. a' Ghriama	0·40	189. Tollie	0·26
131. Cliff	0·40	190. Benachally	0·25
132. Dee	0·40	191. Cròcach	0·25
133. an t-Seilich	0·39	192. Achanalt	0·25
134. Kilbirnie	0·39	193. Bunacharan	0·25
135. Ailsh	0·38	194. Rescobie	0·25
136. Eilde Mòr	0·38	195. Skaill	0·24
137. na Sàlach Uidhre	0·38	196. Clair (Ewe)	0·24
138. Lyon	0·37	197. na Beinne Bàine	0·24
139. More Barvas	0·37	198. Milton	0·24
140. Castle (Bladenoch)	0·36	199. Ochiltree	0·24
141. Shurrery	0·36	200. an Stromore	0·24
142. Mochrum	0·36	201. Loyne (West)	0·24
143. Harperrig	0·35	202. Fada (Gruinard)	0·23
144. Scamadale	0·35	203. Davan	0·23
145. Girlsta	0·35	204. Ghuilbinn	0·23
146. Kirbister	0·35	205. na h-Earba (East)	0·23
147. Lowes (Tay)	0·34	206. Garbhaig	0·23
148. Lungard	0·34	207. Gelly	0·23
149. Hempriggs	0·34	208. Achilty	0·23
150. Spiggie	0·34	209. White (Ryan)	0·23
151. Arklet	0·33	210. Black (Ryan)	0·23
152. Fionn (Kirkaig)	0·33	211. Tankerness	0·23
153. Eye	0·33	212. Inbhir	0·23
154. Allt an Fheàrna	0·33	213. Tralaig	0·23
155. Urrahag	0·33	214. Trool	0·23
156. Castle Semple	0·32	215. Alvie	0·22
157. Achray	0·32	216. Olavat	0·22
158. Dubh (Gruinard)	0·32	217. Drunkie	0·22
159. Meiklie	0·31	218. Gartmorn	0·22
160. Kernsary	0·31	219. Sgamhain	0·22
161. Ussie	0·31	220. Fitty	0·22
162. Scarmclate	0·30	221. Finlas	0·22
163. Castle (Annan)	0·30	222. Dilate	0·22
164. St John's	0·30	223. nam Breac	0·22
165. Threipmuir	0·30	224. Nant	0·22

TABLE II—*continued*

Loch.	Area. Square Miles.	Loch.	Area. Square Miles.
225. Bad an Sgalaig	0·22	284. a' Ghobhainn	0·15
226. Eela	0·22	285. an Tomain	0·15
227. Doine	0·21	286. Dubh (Gairloch)	0·15
228. Kindar	0·21	287. na Moracha	0·15
229. Iubhair	0·21	288. an Drainc	0·15
230. Huna	0·21	289. Chaluum	0·15
231. Gainmheich (South)	0·21	290. Roer	0·15
232. Tarff	0·21	291. Lowes (Tweed)	0·15
233. Clunie (Tay)	0·21	292. Giorra	0·14
234. Strandavat	0·21	293. Peppermill	0·14
235. Vaara	0·21	294. Drummond	0·14
236. Buidhe (Fleet)	0·21	295. Oban nam Fiadh	0·14
237. Killin	0·20	296. an Nostarie	0·14
238. Lochrutton	0·20	297. an Tachdaidh	0·14
239. an Eilein (Spey)	0·20	298. an Eilein (Gairloch)	0·14
240. Skealtar	0·20	299. Braigh Horrisdale	0·14
241. na Craobhaig	0·20	300. na Moine	0·14
242. Muckle Water	0·19	301. Pouлары	0·14
243. Coire nam Meann	0·19	302. Dungeon	0·14
244. Langavat (Benbecula)	0·19	303. Clings	0·14
245. an Dùin (N. Uist)	0·19	304. Bodavat	0·14
246. Skerrow	0·19	305. Stacsavat	0·14
247. a' Bharpa	0·19	306. Broom	0·13
248. Araich-Lin	0·18	307. Bradan	0·13
249. na Cuaich	0·18	308. Isbister	0·13
250. Ordie	0·18	309. Loch	0·13
251. Gryfe	0·18	310. Heouravay	0·13
252. Coulin (Ewe)	0·18	311. Awe (Inver)	0·13
253. a' Chuilinn (Conon)	0·18	312. Auchenreoch	0·13
254. Droma	0·18	313. Allt na h-Airbhe	0·13
255. Borralan	0·18	314. Crogavat	0·13
256. Martnaham	0·18	315. a' Choire	0·13
257. Beannach (Inver)	0·18	316. ic Colla	0·13
258. Daimh (Tay)	0·17	317. an Laghair	0·13
259. Fearnait	0·17	318. a' Bhuid	0·13
260. Wester	0·17	319. Dochard	0·13
261. an Gead	0·17	320. na Leitreach	0·13
262. Syre	0·17	321. Crò Criosdaig	0·13
263. Clousta	0·17	322. Kennard	0·12
264. Butterstone	0·17	323. Burga	0·12
265. Sguod	0·17	324. Caol na Doire	0·12
266. a' Bhaid Daraich	0·17	325. Builg	0·12
267. Lindores	0·17	326. Stormont	0·12
268. Lundie (Garry)	0·17	327. Arthur	0·12
269. Dornal	0·17	328. an t-Slagain	0·12
270. Urr	0·17	329. a' Bhealach (Alsh)	0·12
271. Tingwall	0·17	330. Beannach (Gruinard)	0·12
272. Derculich	0·16	331. Sabiston	0·12
273. an Duin (Spey)	0·16	332. Druim Suardalain	0·12
274. Long	0·16	333. Deoravat	0·12
275. Forfar	0·16	334. Monikie (South)	0·12
276. Linlithgow	0·16	335. Craiglush	0·11
277. Portmore	0·16	336. Doire nam Mart	0·11
278. Whinyeon	0·16	337. Crunachan	0·11
279. Carlingwark	0·16	338. Callater	0·11
280. a' Mhuilinn	0·16	339. Sealbhag	0·11
281. nam Faoileag	0·16	340. Skeen (Annan)	0·11
282. Skiach	0·15	341. an Dùna	0·11
283. Kilconquhar	0·15	342. na h-Airidh Sléibhe	0·11

TABLE II—continued

Loch.	Area. Square Miles.	Loch.	Area. Square Miles.
343. Ederline	0·11	402. Veiragvat	0·08
344. an Lagain	0·11	403. Buraland	0·08
345. Lochinvar	0·11	404. Valtos	0·08
346. Kemp	0·11	405. an Droighinn	0·08
347. Soulseat	0·11	406. Rosebery	0·08
348. an Leòid	0·11	407. Balgavies	0·08
349. Raoinavat	0·11	408. Clickhimin	0·07
350. Bosquoy	0·10	409. Dochart	0·07
351. Con (Tay)	0·10	410. Holl	0·07
352. Hosta	0·10	411. Breaclaich	0·07
353. na h-Ealaidh	0·10	412. Burntisland	0·07
354. na Ceithir Eileana	0·10	413. na Lairige	0·07
355. Morsgail	0·10	414. Oban a' Chlachain	0·07
356. Liath	0·10	415. Shechernich	0·07
357. an Laig Aird	0·10	416. na Doire Daraich	0·07
358. Phitiùlais	0·10	417. Sandy	0·07
359. Raonasgail	0·10	418. nan Gabhar	0·07
360. Littlester	0·10	419. Bad a' Chrotha	0·07
361. Bruadale	0·10	420. a' Chlachain (Lewis)	0·07
362. Vatandip	0·10	421. Craggie	0·07
363. Lùnn dà-Bhrà	0·10	422. Whitefield	0·07
364. a' Phearsain	0·10	423. Eldrig	0·07
365. Sloy	0·10	424. Monikie (North)	0·07
366. Cuil Airidh a' Flod	0·10	425. Gown (North)	0·07
367. nan Lann	0·10	426. Lochnaw	0·07
368. Eigheach	0·09	427. Dibadale	0·07
369. Spynie	0·09	428. Fleet	0·07
370. Ghuiragarstidh	0·09	429. Airidh na Lie	0·07
371. nam Breac Dearga	0·09	430. Brow	0·07
372. na Mòine Buige	0·09	431. Dhonhnuill Bhig	0·07
373. Cuil na Sìthe	0·09	432. Howie	0·07
374. a' Chlachain (Nairn)	0·09	433. Hoglinns	0·06
375. Gown (South)	0·09	434. Auchenchapel	0·06
376. Bogton	0·09	435. Dallas	0·06
377. na Sreinge	0·09	436. Monzievaird	0·06
378. Punds	0·09	437. Aboyne	0·06
379. North-house	0·09	438. Hoil	0·06
380. Kirk Dam	0·09	439. Harperleas	0·06
381. nan Deaspoint	0·09	440. Moraig	0·06
382. Muckle Lunga	0·09	441. Fingask	0·06
383. Aithness	0·09	442. an Iasgaich	0·06
384. na Déighe fo Dheas	0·08	443. nan Eun (Tay)	0·06
385. Sròn Smeur	0·08	444. Tarruinn an Eithir	0·06
386. Hermidale	0·08	445. na Creige Duibhe	0·06
387. na Stainge	0·08	446. a' Chonnachair	0·06
388. a' Bhradain	0·08	447. Mhic' ille Riabhaich	0·06
389. Moor Dam	0·08	448. Laide	0·06
390. Leitir Easaich	0·08	449. Dhùgail (Torridon)	0·06
391. Lochaber	0·08	450. Flugarth	0·06
392. a' Mhìotailt	0·08	451. Black (Etive) (East)	0·06
393. an Tuire	0·08	452. Harrow	0·06
394. a' Ghlinne Dorcha	0·08	453. Derelach	0·06
395. Seil	0·08	454. Crombie Den	0·06
396. White of Myrton	0·08	455. Peerie	0·06
397. Ceò-Glas	0·08	456. Airidh na Ceardaich	0·06
398. Leodsay	0·08	457. Gainmheich (North)	0·06
399. Sca Slavat	0·08	458. na Bi	0·06
400. Tormasad	0·08	459. nan Druinnean	0·06
401. Snarravoe	0·08	460. Lochenbreck	0·06

TABLE II—*continued*

Loch.	Area. Square Miles.	Loch.	Area. Square Miles.
461. Black (Etive) (Mid)	0·05	512. Tilt	0·03
462. " " (West)	0·05	513. Allan	0·03
463. Buidhe (Tay)	0·05	514. Maol a' Choire	0·03
464. Kinghorn	0·05	515. Tùtach	0·03
465. Essan	0·05	516. Màna	0·03
466. Kirk	0·05	517. Kirriereoch	0·03
467. Bhac	0·05	518. Brough	0·03
468. Mill	0·05	519. Kilhoan (Lower)	0·03
469. Rae	0·05	520. a' Chaoruinn	0·03
470. nan Garbh Chlachain	0·05	521. Hightae Mill	0·03
471. Dubh (Ailort)	0·05	522. Fithie	0·03
472. na Coinnich	0·05	523. Sior	0·03
473. Eileach Mhic' ille Riabhaich	0·05	524. na Beithe	0·03
474. na Garbh-Abhuinn	0·05	525. a' Buaille	0·03
475. na Claise Fèarna	0·05	526. Cults	0·03
476. Baile a' Ghobhainn	0·05	527. na Garbh-Abhuinn Ard	0·03
477. Asta	0·05	528. Skae	0·03
478. a' Bhainne	0·05	529. Aslaich	0·03
479. Harelaw	0·05	530. Dubh (Etive)	0·03
480. Birka	0·05	531. Hostigates	0·03
481. nan Eun (Ness)	0·05	532. Duddingston	0·03
482. an Losgann Mòr	0·05	533. Pitlyal	0·02
483. Dubh-Mor	0·05	534. Sand	0·02
484. Gleann a' Bhearraidh	0·05	535. White (Tay)	0·02
485. Fiart	0·05	536. an t-Seasgain	0·02
486. Edgelaw	0·05	537. Dubh (Forth)	0·02
487. Grass	0·05	538. a' Chladaich	0·02
488. Lure	0·05	539. Scoly	0·02
489. na Craige	0·04	540. Crann	0·02
490. Blairs	0·04	541. Duartmore	0·02
491. Fender	0·04	542. Kinellan	0·02
492. Anna	0·04	543. na Gealaich	0·02
493. Monk Myre	0·04	544. Cornish	0·02
494. Eion Mhic Alastair	0·04	545. nan Ràth	0·02
495. na Beiste	0·04	546. Setter	0·02
496. nan Geireann	0·04	547. Magillie	0·02
497. Beag	0·04	548. na li' Eaglais	0·02
498. Kilcheran	0·04	549. Black (Tay)	0·01
499. Lundie (Clunie)	0·04	550. nan Aùscot	0·01
500. a' Vullan	0·04	551. Uaine	0·01
501. Gamhna	0·04	552. an Tairbeirt Stuaclhaich	0·01
502. Uanagan	0·04	553. Loch on Eilean Subhainn	0·01
503. Collaster	0·04	554. na Creige Léithe	0·01
504. Drumlamford	0·04	555. an Dubh (Lochy)	0·01
505. Fyntalloch	0·04	556. Rainbow	0·01
506. Kilhoan (Upper)	0·04	557. Dubh (Ness)	0·01
507. Ree	0·04	558. Choire na Cloich	0·01
508. Muck	0·04	559. nan Losganan	0·01
509. Geal	0·04	560. St Margaret's	0·01
510. Browster	0·04	561. Dhu (Fortsonachan)	0·003
511. Bran	0·04	562. Allt na Mult	0·003

TABLE III

FRESH-WATER LOCHS OF SCOTLAND (SOUNDED BY THE LAKE SURVEY)
ARRANGED ACCORDING TO MAXIMUM DEPTH

Loch.	Max. Depth. Feet.	Loch.	Max. Depth. Feet.
1. Morar	1017	54. Scamadale	145
2. Ness	754	55. Fionn (Gruinard)	144
3. Lomond	623	56. Bà (Mull)	144
4. Lochy	531	57. a' Bhaid-Luachraich	143
5. Ericht	512	58. Eck	139
6. Tay	508	59. Ossian	132
7. Katrine	495	60. Lungard	129
8. Rannoch	440	61. Tummel	128
9. Treig	436	62. Laidon	128
10. Shiel	420	63. Veyatie	126
11. Maree	367	64. Clunie (Ness)	123
12. Glass	365	65. Càrn	122
13. Arkaig	359	66. na h-Oidhche	121
14. More (Laxford).	316	67. a' Bhaid Daraich	121
15. Awe (Etive)	307	68. Gainmheich (South).	120
16. Earn	287	69. Eilt	119
17. Assynt	282	70. Achilty	119
18. Fannich	282	71. Tralaig	117
19. Quoich	281	72. Arienas	116
20. Morie	270	73. Nell	115
21. Monar	260	74. Dubh-Mòr	114
22. Muick	256	75. na h-Airidh Sléibhe	113
23. Fada (Ewe)	248	76. Garry (Tay)	113
24. Affric	221	77. Bunacharan	113
25. Sainaval	219	78. Vennachar	111
26. na Sheallag	217	79. nan Lann	109
27. Laoghal	217	80. Dhùgail (Torridon).	108
28. Skinaskink	216	81. Stack	108
29. Garry (Ness)	213	82. Naver	108
30. Damh (Torridon)	206	83. Ard	107
31. Dùn na Seilcheig	205	84. Garve	105
32. Frisa	205	85. an Duin (Spey)	102
33. Mullardoch	197	86. Lyon	100
34. Avich	188	87. an Laghair	100
35. Hope	187	88. Eilde Mòr	100
36. Bad a' Ghail	180	89. Doon	100
37. Dhùghail (Carron)	179	90. Insh	100
38. Beannachan	176	91. Voil	98
39. Laggan	174	92. Langavat (Lewis)	98
40. a' Chroisg	168	93. an t-Seilich	98
41. Beinn a' Mheadhoin	167	94. Achray	97
42. Luichart	164	95. Drunkie	97
43. Shin	162	96. Daimh (Tay)	95
44. Beoraid	159	97. Benisval	95
45. an Dithreibh	157	98. Raonasgail	95
46. Lurgain	156	99. Dungeon	94
47. Oich	154	100. a' Mhuilinn	94
48. Dubh (Ailort)	153	101. Garbhaig	93
49. St Mary's	153	102. na Creige Duibhe	93
50. Owskeich	153	103. Clair (Ewe)	93
51. Coir' an Fhèarna	151	104. Kernsary	93
52. Obisary	151	105. Nant	92
53. Lubnair	146	106. a' Bhealach (Gairloch)	92

TABLE III—*continued*

Loch.	Max. Depth. Feet.	Loch.	Max. Depth. Feet.
107. Gorm Loch Mòr	91	166. an Eilein (Spey)	66
108. Seil	91	167. Brora	66
109. Mhor	91	168. Doine	65
110. Fionn (Kirkaig)	90	169. Iubhair	65
111. Grunavat	90	170. Benachally	64
112. Tarff	89	171. Bad an Sgalaig	64
113. Dubh (Gruinard)	88	172. a' Ghriama	64
114. na Leitreach	88	173. Loch on Eilean Subhainn	64
115. Baile a' Ghobhainn	88	174. na Meide	63
116. Tollie	86	175. Ken	62
117. Builg	86	176. Freuchie	62
118. Calder	85	177. an Tachdaidh	62
119. na Cuaich	85	178. Raoinavat	61
120. Merkland	85	179. Dibadale	61
121. a' Ghlinne Dorcha	85	180. Tingwall	60
122. Creagach	84	181. Hunder	60
123. Tulla	84	182. a' Choire	60
124. Calavie	84	183. na Moine Buige	60
125. Leven	83	184. Kilcheran	60
126. Scaslavat	82	185. Allt na h-Airbhe	60
127. na h-Earba (West)	81	186. Gainmheich (North)	59
128. Loch	81	187. nan Drummnean	59
129. a' Chlachain (Nairn)	80	188. Lowes (Tweed)	58
130. a' Bhealaich (Naver)	80	189. Lochrutton	58
131. Turret	79	190. Ederline	58
132. an Leòid	79	191. na Beithe	58
133. Fender	78	192. Fiart	58
134. Menteith	77	193. Drumellie	58
135. Edgelaw	77	194. Pattack	58
136. Chon (Forth)	75	195. Aithness	57
137. Knockie	75	196. Ashie	57
138. Eion Mhic Alastair	74	197. Hoglinns	57
139. Phitiùlais	74	198. an Losgainn Mòr	57
140. Girsta	74	199. Clousta	57
141. Caravat	74	200. Fleet	56
142. a' Bhraoin	73	201. nan Deaspoirt	56
143. Talla	73	202. Sealbhag	56
144. Clings	73	203. Fada (Gruinard)	56
145. Sgamhain	72	204. Skiach	55
146. Kennard	72	205. Trool	55
147. Fiodhaig	71	206. an t-Slagain	55
148. Cròcach	71	207. Liath	55
149. nam Breac	71	208. Rosebery	55
150. Kilchoan (Upper)	70	209. Mill	55
151. Leitir Easaich	70	210. an Drainc	55
152. Alvie	70	211. Caol na Doire	55
153. nam Breac Dearga	70	212. Dilate	55
154. Achall	70	213. Lochaber	55
155. Lintrathen	70	214. Crogavat	55
156. Derculich	70	215. Gladhouse	55
157. Clunie (Tay)	69	216. Eela	55
158. a' Mhiotailt	69	217. Lundie (Garry)	54
159. na h-Earba (East)	69	218. Harelaw	54
160. Ordie	69	219. Crombie Den	53
161. Grennoch	68	220. Lowes (Tay)	53
162. Dubh (Gairloch)	68	221. a' Phearsain	53
163. Arklet	67	222. Gown (South)	52
164. Killin	67	223. an Daimh (Shin)	52
165. na Beinne Bàine	67	224. Braigh Horrisdale	51

TABLE III—*continued*

Loch.	Max. Depth. Feet.	Loch.	Max. Depth. Feet.
225. Kemp	51	284. Kindar	41
226. Leun a' Chlamhain	51	285. Gamhna	41
227. an Staca	51	286. Spiggie	41
228. Lochindorb	51	287. White of Myrton	40
229. Moy	50	288. Craggie	40
230. Bran	50	289. Finlas	40
231. Black (Ryan)	50	290. an Dubh (Lochy)	40
232. Inbhir	50	291. Stacsavat	40
233. Arthur	50	292. Urigill	40
234. na Craobhaig	50	293. Monzievaird	39
235. Scadavay (East)	50	294. na Lairige	39
236. nan Euu (Tay)	50	295. Fadagoa	39
237. Giorra	49	296. an Tuirc	39
238. Migdale	49	297. nan Àuscot	39
239. Woodhall	49	298. Howie	39
240. Ghuilbinn	49	299. Burntisland	39
241. Morlich	49	300. Teàrnait	39
242. Coulin (Ewe)	49	301. na Claise Fèarna	38
243. Gleann a' Bhearraidh	48	302. White (Ryan)	38
244. Doire nam Mart	48	303. Fad	38
245. an Droighinn	48	304. Beannach (Inver)	38
246. Fingask	48	305. Holl	38
247. Poulary	47	306. Kinghorn	38
248. Bodavat	46	307. a' Bharpa	37
249. Hoil	46	308. Ghiuragarstidh	37
250. Birka	45	309. Scadavay (West)	37
251. Fada (N. Uist)	45	310. Dee	36
252. Meiklie	45	311. Allt an Fhèarna	36
253. Kilchoan (Lower)	45	312. Buidhe (Fleet)	36
254. Ree	44	313. Black (Etive) (East)	36
255. a' Bhealaich (Alsh)	44	314. Skeen (Annan)	36
256. Màma	44	315. a' Bhuid	36
257. Expansions of River Dee	44	316. Skae	35
258. Craiglush	44	317. Trealaval	35
259. an Tomain	44	318. an Dùin (N. Uist)	35
260. Skebaicit	44	319. na Beiste	35
261. Uanagan	43	320. Loyne (East)	35
262. na Spreinge	43	321. Ussie	35
263. a' Chuilinn (Conon)	43	322. an Nostarie	35
264. na h-Eaglais	43	323. Langavat (Benbecula)	34
265. Dochard	42	324. Gryfe	34
266. Ruthven	42	325. an Eilein (Gairloch)	34
267. Urr	42	326. Ochiltree	34
268. Skealtar	42	327. Auchenreech	34
269. Thom	42	328. na Déighe fo Dheas	34
270. Baddanloch	42	329. ic Colla	34
271. an Laig Aird	42	330. Coire nam Meann	33
272. Soulseat	42	331. Sròn Smeur	33
273. Bhac	42	332. Eileach Mhic' ille Riabhaich	33
274. na Ceithir Eileana	42	333. Skerrow	33
275. Long	42	334. Whinyeon	33
276. Breaclaich	41	335. Urrahag	33
277. Harperleas	41	336. Roer	32
278. Portmore	41	337. White (Tay)	32
279. Bhradain	41	338. a' Chlàir (Helmsdale)	32
280. Heouravay	41	339. Deoravat	32
281. Dubh (Forth)	41	340. Ceò-Glas	32
282. Hermidale	41	341. Hosta	31
283. Hostigates	41	342. Sloy	31

TABLE III—*continued*

Loch.	Max. Depth. Feet.	Loch.	Max. Depth. Feet.
343. Druim Suardalain	31	402. Bad a' Chrotha	23
344. nan Eun (N. Uist)	31	403. a' Buaille	23
345. Morsgail	31	404. Muck	23
346. Balgavies	31	405. Airidh na Ceardaich	22
347. Burga	30	406. an Stromore	22
348. Chaluum	30	407. Monikie (North)	22
349. an Gead	30	408. Duartmore	22
350. Bà (Tay)	30	409. nam Faoileag	22
351. Callater	30	410. Black (Etive) (West)	22
352. Harperrig	30	411. Crò Criosdaig	21
353. Punds	30	412. nan Eun (Ness)	21
354. Kilbirnie	30	413. Borrallan	21
355. Forfar	29	414. Cliff	21
356. Harrow	29	415. Gartmorn	21
357. Martnaham	29	416. a' Chaoruinn	20
358. Allan	29	417. Leodsay	20
359. an Dùna	29	418. na Moracha	20
360. Snaravoce	29	419. Choire na Cloich	20
361. na Sàlach Uidhre	29	420. na Garbh-Abhuinn	20
362. Beag	29	421. a' Bhaillidh	20
363. Cults	28	422. Muckle Water	20
364. a' Bhainne	28	423. Airidh na Lie	19
365. na h-Achlaise	28	424. Pitlyal	19
366. Eigheach	28	425. Oban a' Chlachain	19
367. nan Cuinne	28	426. Loyne (West)	19
368. Clubbi Shuus	28	427. Essan	18
369. a' Ghobhainn	28	428. Dubh (Ness)	18
370. Black (Etive) (Mid)	27	429. an Lagain	18
371. Valtos	27	430. nan Geireann (Mill)	18
372. nan Geireann	27	431. an t-Seasgain	18
373. Beannach (Gruinard)	27	432. Castle (Annan)	18
374. a' Chonnachair	27	433. Carlingwark	17
375. nan Ràth	27	434. Peppermill	17
376. Anna	27	435. Gown (North)	17
377. a' Vullan	27	436. Stenness	17
378. Linlithgow	27	437. Auchenchapel	17
379. Muckle Lunga	27	438. Crann	17
380. an Ruathair	26	439. Threipmuir	17
381. Aslaich	26	440. Vatandip	17
382. Rainbow	26	441. Swannay	16
383. Monikie (South)	26	442. Rae	16
384. Drumlamford	26	443. Fitty	16
385. na Gealaich	25	444. Droma	16
386. na Coinnich	25	445. Tùtach	16
387. Lùnn dà-Bhrà	25	446. Kinellan	16
388. nan Garbh Chlachain	25	447. an Iasgaich	16
389. Vaara	25	448. Fithie	16
390. Veiragvat	25	449. Lochenbreck	15
391. Kirk	25	450. Milton	15
392. Huna	25	451. Fyntalloch	15
393. Crunachan	25	452. Kirriereoch	15
394. Butterstone	25	453. Moraig	14
395. Lundie (Clunie)	25	454. Whitefield	14
396. Strandavat	25	455. Sguod	14
397. Ailsh	24	456. Cùil na Síthe	14
398. an Tairbeirt Stuaधाich	24	457. Harray	14
399. Taruinn an Eithir	23	458. Maberry	14
400. Rescobie	23	459. na Stainge	14
401. Geal	23	460. Magillie	14

TABLE III—continued

Loch.	Max. Depth. Feet.	Loch.	Max. Depth. Feet.
461. na Creige Léithe	14	512. Hempriggs	8
462. na Craige	13	513. Dallas	8
463. Hightae Mill	13	514. na h-Ealaidh	8
464. Asta	13	515. na Moine	8
465. North-house	13	516. Flugarth	8
466. Mochrum	13	517. Black (Tay)	7
467. Strom	13	518. More (Thurso)	7
468. Watten	12	519. Dhomhnuill Bhig	7
469. Truid air Sgithiche	12	520. Cornish	7
470. Olavat	12	521. Eye	7
471. Mhic' ille Riabhaich	12	522. Hundland	7
472. Syre	12	523. Shurrery	7
473. Derclach	12	524. nan Losganan	7
474. Kinord	12	525. Araich-Lin	7
475. Monk Myre	12	526. St John's	7
476. Scoly	12	527. Sandy	7
477. Drummond	12	528. Awe (Inver)	7
478. Castle (Bladenoch)	11	529. na Garbh-Abhainn Ard	7
479. a' Chlachain (Lewis)	11	530. Tankerness	7
480. Brouster	11	531. Lure	7
481. Dochart	11	532. na Bì	6
482. Aboyne	11	533. Moor Dam	6
483. Dornal	10	534. Kilconquhar	6
484. Uaine	10	535. Grass	6
485. Oban nam Fiadh	10	536. Skene (Dee)	6
486. Dhu (Portsonachan)	10	537. Spynie	6
487. Eldrig	10	538. Lochnaw	6
488. Lindores	10	539. Kirbister	6
489. Peerie	10	540. Bruadale	6
490. Dubh (Etive)	10	541. Brow	6
491. Buralaud	10	542. Tilt	5
492. Duddingston	10	543. Blairs	5
493. Clickhimin	10	544. Scarmclate	5
494. Tormasad	10	545. Castle Semple	5
495. Lochinvar	10	546. Heilen	5
496. Collaster	10	547. Bosquoy	5
497. Broom	9	548. nan Gabhar	5
498. Boardhouse	9	549. St Margaret's	5
499. na Doire Daraich	9	550. Kirk Dam	5
500. Davan	9	551. Bogton	4
501. Littlester	9	552. Skaill	4
502. a' Chladaich	9	553. Sand	4
503. Con (Tay)	9	554. Brough	4
504. Cuil Airidh a' Flod	9	555. Sior	4
505. Laide	9	556. Stormont	3
506. Gelly	9	557. Allt na Mult	3
507. Achanalt	9	558. Sabiston	3
508. Shechernich	8	559. Wester	3
509. More Barvas	8	560. Isbister	3
510. Maol a' Choire	8	561. Buidhe (Tay)	3
511. Bradan	8	562. Setter	2

TABLE IV

FRESH-WATER LOCHS OF SCOTLAND (SOUNDED BY THE LAKE SURVEY)
ARRANGED ACCORDING TO MEAN DEPTH

Loch.	Mean Depth. Feet.	Loch.	Mean Depth. Feet.
1. Ness	433·02	53. a' Bhaid Daraich	55·60
2. Morar	284·00	54. na h-Oidhche	53·95
3. Lochy	228·95	55. Achilty	51·78
4. Treig	207·37	56. Shin	51·04
5. Katrine	199·19	57. Dubh-Mòr	50·93
6. Tay	199·08	58. Eck	50·16
7. Ericht	189·21	59. Bunacharan	50·11
8. Rannoch	167·46	60. Clunie (Ness)	49·98
9. Glass	159·07	61. Garry (Tay)	49·91
10. Arkaig	152·71	62. Tummel	48·03
11. Earn	137·83	63. Bà (Mull)	47·42
12. Shiel	132·73	64. Èilde Mòr	47·01
13. More (Laxford)	125·83	65. Owskeich	46·90
14. Maree	125·30	66. Lyon	44·87
15. Morie	125·20	67. na h-Airidh Sléibhe	44·43
16. Lomond	121·29	68. Ard	43·86
17. Muick	116·30	69. Garve	43·60
18. Fannich	108·76	70. Lubnaig	42·77
19. Suainaval	108·60	71. Ossian	42·75
20. Awe (Etive)	104·95	72. na Cuaich	42·48
21. Quoich	104·60	73. Vennachar	42·41
22. na Sheallag	103·47	74. Dubh (Gruinard)	42·33
23. Fada (Ewe)	102·20	75. Clair (Ewe)	42·10
24. Assynt	101·10	76. Gainmheich (South)	41·80
25. Avich	98·42	77. Oich	41·78
26. Monar	98·33	78. an t-Seilich	41·30
27. Affric	93·64	79. Tralaig	41·03
28. Dùn na Seilcheig	84·00	80. Veyatie	41·00
29. Garry (Ness)	78·00	81. Voil	40·94
30. Mullardoch	77·52	82. na Leitreach	40·29
31. Frisa	76·40	83. Eion Mhic Alastair	39·73
32. a' Chroisg	73·78	84. Daimh (Tay)	39·12
33. St Mary's	72·93	85. Naver	39·06
34. Beoraid	72·34	86. Baile a' Ghobhainn	38·77
35. Beannachan	70·42	87. Dhùgaill (Torridon)	38·27
36. Scamadale	69·58	88. Kernsary	38·17
37. Laggan	67·68	89. Tulla	38·08
38. Luichart	66·84	90. Calavie	37·91
39. Dhùghaill (Carron)	66·65	91. Càrn	37·70
40. an Dithreibh	65·93	92. Insh	37·31
41. Beinn a' Mheadhoin	65·36	93. an Laghair	37·23
42. Laoghal	65·21	94. Eilt	37·12
43. Lungard	63·68	95. nan Lann	37·03
44. Dubh (Ailort)	62·70	96. Nell	36·80
45. Bad a' Ghaill	61·90	97. Seil	36·73
46. Hope	61·47	98. a' Bhraoin	36·60
47. Lurgain	60·90	99. Lowes (Tweed)	36·55
48. Skinaskink	60·40	100. Drunkie	36·05
49. Damh (Torridon)	58·91	101. Achray	36·01
50. Coir' an Fhearna	58·79	102. Stack	35·91
51. Fionn (Gruinard)	57·79	103. an Leòid	35·75
52. Arianas	56·60	104. na h-Earba (West)	35·62

STATISTICAL TABLES

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TABLE IV—continued

Loch.	Mean Depth. Feet.	Loch.	Mean Depth. Feet.
105. Garbhaig	35·41	163. Benachally	25·06
106. Laidon	35·19	164. Iubhair	24·96
107. Talla	34·70	165. Langavat (Lewis)	24·79
108. Benisval	34·68	166. Derculich	24·72
109. Scaslavat	34·65	167. Crogavat	24·66
110. a' Mhuilinn	34·15	168. na Mòine Buige	24·62
111. a' Bhaid-Luachraich	34·02	169. Gainmhieich (North)	24·50
112. Creagach	33·17	170. nam Breac Dearga	24·43
113. Doine	33·13	171. Knockie	24·40
114. Tollie	33·13	172. Nant	24·31
115. a' Bhealaich (Gairloch)	32·74	173. Gorm Loch Mòr	24·30
116. na Creige Duibhe	32·49	174. Arklet	24·19
117. Raonsgail	32·37	175. Killin	24·15
118. Kennard	32·27	176. Mhor	24·11
119. Turret	31·79	177. Tarff	23·89
120. Fender	31·77	178. Dilate	23·50
121. Dubh (Gairloch)	31·74	179. Lintrathen	23·42
122. Girsta	31·41	180. Black (Ryan)	23·37
123. a' Bhealaich (Naver)	31·20	181. Ederline	23·15
124. na h-Earba (East)	31·11	182. Phitiùlais	23·15
125. Edgelaw	31·10	183. Fiart	23·13
126. an Duin (Spey)	30·33	184. Caol na Doire	23·04
127. a' Mhiotailt	30·30	185. na h-Eaglais	22·84
128. Allt na h-Airbhe	30·17	186. Fingask	22·83
129. Merkland	30·14	187. Freuchie	22·83
130. a' Chlachain (Nairn)	29·84	188. Harelaw	22·83
131. Loch on Eilean Subhainn	29·70	189. Brora	22·68
132. Killohan (Upper)	29·54	190. Dungeon	22·64
133. Chon (Forth)	29·38	191. Liath	22·36
134. Loch	29·22	192. Meiklie	22·10
135. Drumellie	29·18	193. Fleet	21·81
136. Clunie (Tay)	29·12	194. Giorra	21·70
137. Grunavat	28·36	195. nan Eun (Tay)	21·64
138. na Beune Bàine	28·33	196. Doire nam Mart	21·33
139. a' Ghriama	28·03	197. Ashie	21·26
140. nam Breac	27·94	198. Migdale	21·18
141. Achall	27·83	199. Kilcheran	21·11
142. Dibadale	27·77	200. Ken	21·00
143. Builg	27·75	201. Calder	20·87
144. na Beithe	27·72	202. nan Deaspoirt	20·82
145. a' Ghlinne Dorcha	27·65	203. Grennoch	20·82
146. a' Choire	27·55	204. Dubh (Forth)	20·70
147. an Daimh (Shin)	27·17	205. Sealbhag	20·66
148. Alvie	27·02	206. na Meide	20·61
149. Sgamhain	26·77	207. Lochaber	20·57
150. Doon	26·71	208. Raoinavat	20·56
151. Clings	26·55	209. Fionn	20·40
152. Ordie	26·32	210. Lowes (Tay)	20·40
153. Kemp	26·23	211. Killohan (Lower)	20·30
154. Hoglinns	26·09	212. Leitir Easaich	19·90
155. an Drainc	25·86	213. Menteith	19·77
156. Fiodhaig	25·79	214. Woodhall	19·67
157. Arthur	25·77	215. Leum a' Chlamhain	19·54
158. Obisary	25·70	216. a' Phearsain	19·44
159. an Eilein (Spey)	25·47	217. Moy	19·31
160. Mill	25·33	218. Thom	19·25
161. Bad an Sgalaig	25·26	219. Hoil	19·09
162. Rosebery	25·20	220. Tingwall	18·88

TABLE IV—continued

Loch.	Mean Depth. Feet.	Loch.	Mean Depth. Feet.
221. Aithness	18·84	279. Eileach Mhic' ille Riabhaich	14·13
222. an Losgaimn Mòr	18·65	280. Breaclaich	14·09
223. Trool	18·39	281. White (Ryan)	14·09
224. Coulin (Ewe)	18·29	282. Pattack	14·07
225. Braigh Horrisdale	18·10	283. Expansions of River Dee	13·90
226. Skiach	18·09	284. na Ceithir Eileana	13·81
227. Hunder	18·08	285. White of Myrton	13·70
228. Harperleas	17·88	286. a' Chlàir (Helmsdale)	13·65
229. an Tachdaidh	17·88	287. Monikie (South)	13·47
230. Skeen (Annan)	17·87	288. Vaara	13·44
231. Crombie Den	17·64	289. Black (Etive) (East)	13·39
232. na Sreinge	17·53	290. an Ruathair	13·34
233. Stacsavat	17·43	291. Ghuilbinn	13·32
234. Gryfe	17·35	292. na Claise Fèarna	13·23
235. Baddanloch	17·33	293. Beannach (Inver)	13·20
236. Fada (Gruinard)	17·15	294. an Dùna	13·12
237. Fad	17·13	295. Urigill	13·10
238. Holl	17·04	296. Lochrutton	13·03
239. Cròcach	16·80	297. White (Tay)	12·95
240. Uanagan	16·80	298. Gleann a' Bhearraidh	12·79
241. nan Àuscot	16·79	299. Anna	12·74
242. Portmore	16·79	300. Burga	12·65
243. na Craobhaig	16·63	301. Bran	12·63
244. Eela	16·59	302. Skerrow	12·63
245. Caravat	16·57	303. Bodavat	12·61
246. a' Bhealaich (Alsh)	16·53	304. a' Ghobhainn	12·59
247. Bhac	16·50	305. Monikie (North)	12·58
248. an Tomain	16·47	306. Snarravoe	12·55
249. Gladhouse	16·46	307. Hermidale	12·49
250. an t-Slagain	16·42	308. Hosta	12·47
251. Lundie (Garry)	16·28	309. a' Bharpa	12·43
252. Hostigates	16·26	310. Lochindorb	12·42
253. Teàrnait	16·16	311. nan Cuinne	12·38
254. Craiglush	16·13	312. Morsgail	12·33
255. Skealtar	15·90	313. a' Vullan	12·27
256. Gown (South)	15·88	314. Whinyeon	12·22
257. Howie	15·69	315. Urr	12·06
258. nan Druimnean	15·61	316. Callater	11·99
259. an Staca	15·52	317. Burntisland	11·85
260. an Dubh (Lochy)	15·50	318. Dochard	11·84
261. Kinghorn	15·33	319. Birka	11·81
262. Craggie	15·31	320. Beag	11·80
263. Clousta	15·27	321. Buidhe (Fleet)	11·72
264. Skebacleit	15·21	322. Fadagoa	11·70
265. Soulseat	15·19	323. Auchenreoch	11·69
266. an Laig Aird	15·12	324. Harrow	11·61
267. Ree	14·96	325. Coire nam Meann	11·60
268. Leven	14·87	326. Deoravat	11·60
269. Bhradain	14·83	327. Spiggie	11·59
270. an Droighinn	14·78	328. Urrahag	11·49
271. Monzievaird	14·70	329. Forfar	11·43
272. Morlich	14·62	330. an Gead	11·29
273. an Eilein (Gairloch)	14·39	331. Butterstone	11·29
274. Rainbow	14·33	332. Black (Etive) (Mid)	11·27
275. Allt an Fhearna	14·31	333. Ruthven	11·27
276. Màma	14·29	334. Muckle Water	11·08
277. Dee	14·25	335. na Lairige	10·97
278. Kindar	14·22	336. Harperrig	10·96

TABLE IV--continued

Loch.	Mean Depth. Feet.	Loch.	Mean Depth. Feet.
337. an Nostarie	10·95	395. Peppermill	8·60
338. Aslaich	10·91	396. Castle (Annan)	8·58
339. Drumlamford	10·82	397. nan Geireann	8·47
340. ic Colla	10·77	398. Lùnn dà-Bhrà	8·44
341. Gartmorn	10·75	399. Watten	8·42
342. Cliff	10·65	400. Pitlyal	8·32
343. an Tuire	10·60	401. Ailsh	8·30
344. na Beiste	10·56	402. Auchenchapel	8·26
345. na Déighe fo Dheas	10·54	403. nan Ràth	8·23
346. an Tairbeirt Stuaidhaich	10·50	404. Huna	8·22
347. Stenness	10·43	405. Langavat (Benbecula)	8·12
348. a' Bhuid	10·42	406. Sloy	8·12
349. Allan	10·40	407. Bà (Tay)	8·10
350. Geal	10·38	408. Whitefield	8·01
351. Loyne (East)	10·32	409. Ussie	7·98
352. Sròn Smeur	10·31	410. Chaluum	7·92
353. Druim Suardalain	10·30	411. Threipmuir	7·90
354. Fada (N. Uist)	10·25	412. Inbhir	7·85
355. a' Chuilinn (Conon)	10·22	413. nan Eun (N. Uist)	7·84
356. Punds	10·20	414. Lundie (Clunie)	7·80
357. Roer	10·16	415. Crunachan	7·79
358. Ceò-Glas	10·14	416. Ochiltree	7·68
359. Rescobie	9·99	417. Lochenbreck	7·61
360. Kirk	9·96	418. a' Bhaillidh	7·60
361. na Gealaich	9·94	419. an Lagain	7·57
362. Long	9·92	420. Linlithgow	7·55
363. nan Eun (Ness)	9·90	421. Fyntalloch	7·48
364. Poulary	9·90	422. na Craige	7·42
365. Vatandip	9·85	423. Chùl na Síthe	7·42
366. Balgavies	9·76	424. Derclach	7·42
367. Oban a' Chlachain	9·75	425. Fithie	7·42
368. Kilbirnie	9·72	426. Fitty	7·40
369. a' Bhainne	9·69	427. Valtos	7·40
370. Finlas	9·69	428. Leodsay	7·38
371. Martnaham	9·61	429. Heouravay	7·37
372. Borralan	9·60	430. Black (Etive) (West)	7·34
373. na h-Achlaise	9·58	431. Maberry	7·32
374. Gamhna	9·56	432. Hightae Mill	7·31
375. Skae	9·52	433. nan Garbh Chlachain	7·28
376. Choire na Cloich	9·44	434. Kinellan	7·14
377. a' Chaoruinn	9·37	435. Muck	7·12
378. na Moracha	9·26	436. Dubh (Ness)	7·00
379. Swannay	9·22	437. na Creige Léithe	7·00
380. Trealaval	9·22	438. Strom	7·00
381. Airidh na Lic	9·21	439. Kirriereoch	6·98
382. Cults	9·16	440. Sguod	6·91
383. Scadavay (West)	9·16	441. Muckle Lunga	6·88
384. Ghiuragarstidh	9·08	442. Gown (North)	6·87
385. Harray	9·02	443. Carlingwark	6·86
386. an Stromore	9·01	444. a' Buaille	6·82
387. a' Chonnachair	8·88	445. Essan	6·82
388. Clubbi Shuns	8·85	446. Crann	6·79
389. Crò Criosdaig	8·80	447. Mochrum	6·75
390. nam Faoleag	8·69	448. Milton	6·67
391. Veiragvat	8·68	449. North-house	6·60
392. Scadavay (East)	8·67	450. Rae	6·59
393. na Coinnich	8·62	451. Castle (Bladenoch)	6·56
394. Strandavat	8·61	452. na Sàlach Uidhre	6·54

TABLE IV—*continued*

Loch.	Mean Depth. Feet.	Loch.	Mean Depth. Feet.
453. Beannach (Gruinard)	6·45	508. Achanalt	4·50
454. Lochinvar	6·41	509. a' Chladaich	4·50
455. nan Geireann (Mill)	6·37	510. Cuil Airidh a' Flod	4·50
456. Tarruin an Eithir	6·37	511. St John's	4·50
457. Peerie	6·34	512. Bruadale	4·46
458. an Dùin (N. Uist)	6·27	513. Araich-Lin	4·45
459. Droma	6·27	514. Bradan	4·40
460. Eigheach	6·09	515. Shurrery	4·37
461. Bad a' Chrotha	6·08	516. Tankerness	4·35
462. Boardhouse	6·06	517. More Barvas	4·33
463. Aboyne	6·03	518. Hundland	4·32
464. Loyne (West)	5·93	519. Lochnaw	4·32
465. Duartmore	5·90	520. Oban nam Fiadh	4·23
466. Collaster	5·88	521. Olavat	4·20
467. Airidh na Ceardaich	5·86	522. More (Thurso)	4·18
468. Truid air Sgithiche	5·83	523. Kirbister	4·15
469. an t-Seasgain	5·72	524. Eye	4·06
470. Scoly	5·72	525. Shechernich	4·01
471. Eldrig	5·70	526. Davan	3·98
472. Clickhimin	5·60	527. Dhomhnuill Bhig	3·90
473. Tormasad	5·60	528. Lure	3·90
474. Brouster	5·57	529. Kilconquhar	3·90
475. an Iasgaich	5·55	530. Cornish	3·80
476. Moraig	5·54	531. na Doire Daraich	3·60
477. a' Chlachain (Lewis)	5·52	532. Dallas	3·50
478. Syre	5·48	533. nan Losganan	3·50
479. Magillie	5·37	534. Uaine	3·50
480. Dornal	5·36	535. Con (Tay)	3·47
481. Mhic' ille Riabhaich	5·35	536. na Bi	3·30
482. Fflugarth	5·23	537. Moor Dam	3·27
483. Hempriggs	5·22	538. na Garbh-Abhuinn Ard	3·02
484. Laide	5·16	539. Grass	2·99
485. Duddingston	5·14	540. Dubh (Etive)	2·76
486. Asta	5·11	541. Spynie	2·71
487. Maol a' Choire	5·10	542. Blairs	2·55
488. na Stainge	5·10	543. Brow	2·50
489. Drummond	5·09	544. Bosquoy	2·50
490. Monk Myre	5·08	545. Castle Semple	2·50
491. Lindores	5·06	546. Heilen	2·50
492. Gelly	5·03	547. nan Gabhar	2·50
493. Kinord	5·03	548. St Margaret's	2·50
494. Dochart	5·02	549. Scarmelate	2·50
495. Broom	5·02	550. Tilt	2·50
496. Dhu (Portsonachan)	5·00	551. Bogton	2·00
497. Kirk Dam	5·00	552. Brough	2·00
498. Tùtach	4·88	553. Sand	2·00
499. Awe (Inver)	4·80	554. Sior	2·00
500. Sandy	4·76	555. Skail	2·00
501. Black (Tay)	4·73	556. Allt na Mult	1·50
502. Skene (Dee)	4·69	557. Buidhe (Tay)	1·50
503. Burraland	4·67	558. Isbister	1·50
504. na h-Ealaidh	4·66	559. Sabiston	1·50
505. na Garbh-Abhuinn	4·65	560. Stormont	1·50
506. na Moine	4·61	561. Wester	1·50
507. Littlester	4·55	562. Setter	1·00

TABLE V

FRESH-WATER LOCHS OF SCOTLAND (SOUNDED BY THE LAKE SURVEY)
ARRANGED ACCORDING TO VOLUME OF WATER

Loch.	Volume in Million Cubic Feet.	Loch.	Volume in Million Cubic Feet.
1. Ness	263,162	53. Doon	1,517
2. Lomond	92,805	54. Beinn a' Mheadhoin	1,435
3. Morar	81,482	55. an Dithreibh	1,366
4. Tay	56,550	56. Tummel	1,317
5. Awe (Etive)	43,451	57. Ossian	1,224
6. Maree	38,539	58. Tulla	1,167
7. Ericht	38,027	59. Beoraid	1,156
8. Lochy	37,726	60. Ard	1,150
9. Rannoch	34,387	61. Lubnaig	1,144
10. Shiel	27,986	62. Mhor	1,134
11. Katrine	27,274	63. Cam	1,063
12. Arkaig	26,573	64. Veyatie	1,062
13. Earn	14,421	65. Arienas	1,035
14. Treig	13,907	66. Voil	1,000
15. Shin	12,380	67. Stöck	988
16. Fannich	10,920	68. Harry	951
17. Assynt	8,731	69. Oich	890
18. Quoich	8,345	70. Garry (Tay)	846
19. Glass	8,265	71. Owskeich	846
20. Fionn (Gruinard)	5,667	72. Obisary	837
21. Laggan	5,601	73. Dhùghaill (Carron)	823
22. More (Laxford)	4,928	74. Beannachan	819
23. Laoghal	4,628	75. na h-Oidhche	816
24. Dùn na Seilcheig	4,599	76. Ken	792
25. Fada (Ewe)	4,091	77. Calder	767
26. Hope	4,032	78. Garve	721
27. na Sheallag	3,948	79. Stenness	716
28. Garry (Ness)	3,794	80. Eilt	686
29. Frisa	3,603	81. Scamadale	685
30. Skinaskink	3,518	82. a' Bhraoin	669
31. Avich	3,327	83. Lungard	599
32. Luichart	3,288	84. Merkland	577
33. Monar	3,213	85. Menteith	562
34. Morie	3,201	86. Brora	553
35. Suainaval	2,843	87. Nell	515
36. Muick	2,771	88. na Meide	498
37. Mullardoch	2,553	89. Eilde Mòr	493
38. Naver	2,461	90. a' Bhaid-Luachraich	486
39. Langavat (Lewis)	2,388	91. Baddanloch	479
40. Eck	2,381	92. Grunavat	478
41. Leven	2,195	93. Lyon	461
42. Damh (Torridon)	2,183	94. Insh	454
43. Affric	2,146	95. an t-Seilich	448
44. Lurgain	2,140	96. a' Chlàir (Helmsdale)	446
45. a' Chroisg	2,057	97. Talla	443
46. St Mary's	2,013	98. Creagach	429
47. Vennachar	1,903	99. Fiodhaig	415
48. Coir' an Fhearna	1,886	100. na h-Earba (West)	408
49. Bad a' Ghail	1,768	101. Lintraithen	405
50. Laidon	1,762	102. Achall	401
51. Bà (Mull)	1,602	103. a' Bhealaich (Gairloch)	398
52. Clunie (Ness)	1,533	104. nan Cuinne	396

TABLE V—*continued*

Loch.	Volume in Million Cubic Feet.	Loch.	Volume in Million Cubic Feet.
105. Dubh (Gruinard)	374	162. Lowes (Tweed)	157
106. Chon (Forth)	358	163. Moy	157
107. Freuchie	347	164. Fadagoa	156
108. Bunacharan	343	165. Trealaval	156
109. Watten	341	166. Bad an Sgalgaig	151
110. Kernsary	333	167. a' Mhuilinn	150
111. Achilty	332	168. Boardhouse	150
112. Achray	321	169. Black (Ryan)	149
113. a' Ghriama	314	170. Cròcach	148
114. Ashie	309	171. Nant	148
115. Girlsta	308	172. Iubhair	147
116. Scadavay (West)	306	173. na Leitreach	147
117. an Ruathair	304	174. Hunder	146
118. Leum a' Chlamhain	298	175. Dilate	145
119. Lochindorb	291	176. an Eilein (Spey)	144
120. Clair (Ewe)	287	177. Woodhall	144
121. Urigill	285	178. Killin	137
122. Thom	277	179. Dubh (Gairloch)	136
123. Calavie	276	180. Tariff	136
124. a' Bhaid Daraich	270	181. an Laghair	135
125. Caravat	270	182. an Duin (Spey)	134
126. Gladhouse	269	183. Ordie	133
127. Tralaig	267	184. Allt an Fhearna	132
128. Grennoch	263	185. Fad	132
129. Expansions of River Dee	261	186. na h-Airidh Sléibhe	131
130. Benisval	260	187. Skebacleit	128
131. Gainmheich (South)	246	188. Loyne (East)	123
132. Tollie	244	189. nan Geireann (Mill)	121
133. Migdale	242	190. Cliff	118
134. Swannay	242	191. Trool	116
135. a' Bhealaich (Naver)	238	192. an Leòid	114
136. Garbhaig	228	193. nan Eun (N. Uist)	114
137. Turret	222	194. Scadavay (East)	112
138. Arklet	222	195. Spiggie	111
139. Drumellie	222	196. Allt na h-Airbhe	110
140. Drunkie	217	197. an Staca	110
141. na Cuaich	214	198. Fada (Gruinard)	109
142. Bà (Tay)	206	199. an Drainc	108
143. an Daimh (Shin)	205	200. Derculich	108
144. Fada (N. Uist)	199	201. Harperrig	108
145. Doine	196	202. Kennard	108
146. Gorm Loch Mòr	196	203. Pataack	106
147. Knockie	194	204. Kilbirnie	105
148. Lowes (Tay)	194	205. nan Lann	105
149. Meiklie	193	206. Urrahag	105
150. Morlich	192	207. a' Choire	103
151. na h-Earba (East)	191	208. Eela	103
152. Daimh (Tay)	190	209. Loch	103
153. na Beinne Bàine	190	210. Clings	101
154. Fionn (Kirkaig)	186	211. Strom	101
155. Ruthven	180	212. Raonasgail	94
156. Benachally	178	213. Builg	93
157. nam Breac	172	214. na Craobhaig	93
158. Clunie (Tay)	170	215. White (Ryan)	92
159. Sgamhain	165	216. Coulin (Ewe)	90
160. Alvie	163	217. Crogavat	90
161. Dee	157	218. Skealtar	90

TABLE V—continued

Loch.	Volume in Million Cubic Feet.	Loch.	Volume in Million Cubic Feet.
219. Ailsh	88	276. Muckle Water	57
220. Dubh (Ailort)	87	277. a' Bhealaich (Aish)	56
221. Dungeon	87	278. Maberry	56
222. Gryfe	87	279. Whinyeon	56
223. Tingwall	87	280. Urr	56
224. Ghuilbinn	85	281. an t-Slagain	55
225. Giorra	84	282. Baile a' Ghobhainn	55
226. Arthur	83	283. a' Ghobhainn	54
227. Kindar	83	284. an Gead	54
228. Vaara	80	285. Butterstone	53
229. Seil	79	286. Skeen (Annan)	53
230. a' Chlachain (Nairn)	78	287. a' Phearsain	52
231. Lundie (Garry)	78	288. na Creige Duibhe	52
232. Caol na Doire	77	289. Ochiltree	52
233. Kemp	77	290. Dibadale	51
234. Skiach	77	291. Forfar	51
235. na h-Achlaise	76	292. Hundland	51
236. Portmore	76	293. a' Chuilinn (Conon)	50
237. Teàrnait	75	294. Bodavat	50
238. Lochrutton	73	295. Inbhir	50
239. Seaslavat	73	296. nan Deaspoirt	50
240. an Tachdaidh	72	297. Borralan	49
241. Castle (Annan)	72	298. Craiglush	49
242. Clousta	71	299. Hempriggs	49
243. Ederline	70	300. Strandavat	49
244. na Sàlach Uidhre	70	301. Huna	48
245. a' Mhiotailt	69	302. Edgelaw	47
246. an Tomain	69	303. Lochaber	47
247. Rescobie	69	304. Martnaham	47
248. Buidhe (Fleet)	68	305. Soulseat	47
249. Mochrum	68	306. Truid air Sgithiche	47
250. Skerrow	68	307. Aithness	46
251. Ussie	68	308. Fitty	46
252. Beannach (Inver)	67	309. Eion Mhic Alastair	45
253. Doire nam Mart	67	310. Leitir Easaich	45
254. Phitiùlais	67	311. Milton	45
255. a' Bharpa	66	312. More Barvas	45
256. Dubh-Mòr	66	313. an Laig Aird	44
257. Stacsavat	66	314. an Nostarie	44
258. Threipmuir	66	315. Auchenreoch	44
259. Castle (Bladenoch)	65	316. Dochard	44
260. Gartmorn	65	317. Hoglinns	44
261. Raoinavat	65	318. Langavat (Benbecula)	44
262. Dhùgail (Torrison)	63	319. Burga	43
263. Braigh Horrisdale	62	320. Gainmheich (North)	43
264. Liath	62	321. Monikie (South)	43
265. a' Bhaillidh	61	322. na Sreinge	43
266. an Stromore	61	323. Roer	43
267. Sealbhag	61	324. Shurrery	43
268. a' Ghlinne-Dorcha	60	325. an Dùna	41
269. Coire nam Meann	60	326. Fleet	41
270. nam Breac Dearga	60	327. Kinord	41
271. Skene (Dee)	60	328. Kirbister	41
272. na Mòine Buige	59	329. Loyne (West)	40
273. an Eilein (Gairloch)	58	330. na Moracha	39
274. Finlas	58	331. Poulary	39
275. Rosebery	58	332. Callater	38

TABLE V—*continued*

Loch.	Volume in Million Cubic Feet.	Loch.	Volume in Million Cubic Feet.
333. Deoravat	38	390. Monzievaird	24
334. Gown (South)	38	391. na Déighe fo Dheas	24
335. ic Colla	38	392. an Lagain	23
336. na Ceithir Eileana	38	393. Araich-Lin	23
337. nam Faoileag	38	394. Crunachan	23
338. St John's	38	395. Ghuiragarstidh	23
339. a' Bhuid	37	396. Lùnn dà-Bhrà	23
340. Eye	37	397. na Beithe	23
341. Hosta	36	398. na Lairige	23
342. Mill	36	399. Sloy	23
343. Druim Suardalain	35	400. Sròn Smeur	23
344. Morsgail	35	401. Balgavies	22
345. an Dùin (N. Uist)	34	402. Beannach (Gruinard)	22
346. Bhradain	34	403. Bhac	22
347. Fiart	34	404. Burntisland	22
348. Linlithgow	34	405. Castle Semple	22
349. nan Eun (Tay)	34	406. Black (Etive) (East)	21
350. Peppermill	34	407. Heilen	21
351. Chaluim	33	408. Scarmclate	21
352. Holl	33	409. Drummond	20
353. an Droighinn	32	410. Kinghorn	20
354. Droma	32	411. na Claise Fèarna	20
355. Fingask	32	412. Oban a' Chlachain	20
356. Gelly	32	413. Veiragvat	20
357. Long	32	414. Airidh na Lic	19
358. More (Thurso)	32	415. Broom	19
359. Sguod	32	416. Cùil na Sithe	19
360. Achanalt	31	417. Eileach Mhic' ille Riabhaich	19
361. Carlingwark	31	418. Harrow	19
362. Crò Criosdaig	31	419. Lochinvar	19
363. Crombie Den	31	420. Awe (Inver)	18
364. Fender	31	421. na Moine	18
365. Harperleas	31	422. Uanagan	18
366. Howie	31	423. Black (Etive) (Mid)	17
367. White of Myrton	30	424. Muckle Lunga	17
368. Craggie	30	425. Oban nam Fiadh	17
369. Harelaw	30	426. Ree	17
370. Hermidale	29	427. Whitefield	16
371. Hoil	29	428. Bradan	16
372. Kilchoan (Upper)	29	429. Eigheach	16
373. Tankerness	28	430. Gleann a' Bhearraidh	16
374. an Losgann Mòr	27	431. Kilchoan (Lower)	16
375. Breaclaich	27	432. Kilconquhar	16
376. Snarravoe	27	433. Leodsay	16
377. Vatandip	27	434. North-house	16
378. Dornal	26	435. Valtos	16
379. Heouravay	26	436. a' Chonnachair	15
380. Kilcheran	26	437. a' Vullan	15
381. Monikie (North)	26	438. Birka	15
382. nan Druimnean	26	439. Kirk	15
383. Olavat	26	440. nan Eun (Ness)	15
384. Punds	26	441. a' Bhainne	14
385. an Tuire	25	442. Gown (North)	14
386. Davan	25	443. Anna	13
387. Syre	25	444. Beag	13
388. Ceò-Glas	24	445. Bran	13
389. Lindores	24	446. Bruadale	13

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TABLE V—*continued*

Loch.	Volume in Million Cubic Feet.	Loch.	Volume in Million Cubic Feet.
447. Drumlamford	13	505. na Doire Daraich	7
448. Hostigates	13	506. na Gealaich	7
449. Littlester	13	507. Shechernich	7
450. Lochenbreck	13	508. Spynie	7
451. na h-Ealaidh	13	509. Wester	7
452. Skaill	13	510. a' Buaille	6
453. Auchenchapel	13	511. an Dubh (Lochy)	6
454. Bad a' Chrotha	12	512. Dallas	6
455. Cuil Airidh a' Flod	12	513. Hightae Mill	6
456. Derclach	12	514. na Bi	6
457. Geal	12	515. na Garbh-Abhuinn	6
458. Kirk Dam	12	516. nan Aùscot	6
459. na Coinnich	12	517. Monk Myre	6
460. Tormasad	12	518. Loch on Eilean Subhainn	6
461. a' Chlachain (Lewis)	11	519. Bogton	5
462. Burraland	11	520. Brouster	5
463. Clickhimin	11	521. Brow	5
464. Eldrig	11	522. Isbister	5
465. Màna	11	523. Kinellan	5
466. na Beiste	11	524. Kirrieroch	5
467. na Stainge	11	525. Lure	5
468. nan Garbh Chlachain	11	526. nan Gabhar	5
469. Peerie	11	527. nan Ràth	5
470. Aboyne	10	528. Pitlyal	5
471. Allan	10	529. Sabiston	5
472. Aslach	10	530. Stormont	5
473. Black (Etive) (West)	10	531. an t-Seasgain	4
474. Con (Tay)	10	532. Crann	4
475. Dochart	10	533. Duddingston	4
476. Essan	10	534. Grass	4
477. Gamhna	10	535. Maol a' Choire	4
478. na h-Eaglais	10	536. Tùtach	4
479. nan Geireann	10	537. Blairs	3
480. Tarruinn an Eithir	10	538. Cornish	3
481. Airidh na Ceardaich	9	539. Duartmore	3
482. an Iasgaich	9	540. Magillie	3
483. Laide	9	541. na Garbh-Abhuinn Ard	3
484. Lochnaw	9	542. Scoly	3
485. Lundie (Clunie)	9	543. a' Chladaich	2
486. Moraig	9	544. an Tairbeirt Stuaighaich	2
487. Muck	9	545. Black (Tay)	2
488. Rae	9	546. Brough	2
489. Sandy	9	547. Buidhe (Tay)	2
490. Flugarth	8	548. Choire na Cloich	2
491. Fyntaloch	8	549. Dubh (Etive)	2
492. Mhic' ille Riabhaich	8	550. Dubh (Ness)	2
493. na Craige	8	551. na Creige Leithe	2
494. Skae	8	552. Rainbow	2
495. White (Tay)	8	553. Sior	2
496. a' Chaoruinn	7	554. Tilt	2
497. Asta	7	555. nan Losganan	1
498. Bosquoy	7	556. Sand	1
499. Clubbi Shuns	7	557. Uaine	0·7
500. Collaster	7	558. Dubh (Forth)	0·6
501. Cults	7	559. Setter	0·6
502. Dhomhnuill Bhig	7	560. Dhu (Portsonachan)	0·5
503. Fithie	7	561. St Margaret's	0·4
504. Moor Dam	7	562. Allt na Mult	0·1

TABLE VI

FRESH-WATER LOCHS OF SCOTLAND (SOUNDED BY THE LAKE SURVEY)
SHOWING SUMMARY OF PHYSICAL RESULTS

Basins.	Number of Lochs.	Number of Soundings.	Volume in Million Cubic Feet.	Area of Lochs in Square Miles.	Drainage Area.	
					Total in Square Miles.	Ratio to Area of Lochs.
Forth	13	3,825	36,543	17·02	227·66	13·38
Tay	59	6,851	151,353	39·81	1099·52	27·62
Inver, Roe, Kirkaig, Polly, Garvie	21	2,540	20,355	12·64	150·44	11·9
Morar	3	1,284	82,686	10·99	65·63	6·0
Ewe	14	2,473	44,530	14·80	185·51	12·5
Shiel, Ailort, nan Uamh	6	1,191	28,967	3·58	99·97	11·65
Conon	16	2,188	29,850	11·65	366·33	31·5
Shin	11	1,564	14,538	12·11	239·69	19·8
Naver, Borgia, Kinloch, Hope	11	1,409	15,615	11·06	239·46	21·7
Beaully	13	841	11,227	5·76	215·26	37·4
Lochy	12	2,570	85,855	19·88	293·42	14·8
Ness	33	4,385	280,923	34·25	689·14	20·1
Brora, Helmsdale	11	700	2,756	6·68	202·89	30·4
Wick, Wester, Heilen, Dunnet, Thurso, Forss Laxford, Scourie, Badcall, Duartmore	9	681	1,319	4·82	168·25	34·9
Broom, Gruinard	10	994	6,679	3·35	59·20	17·7
Gairloch, Torridon, Carron Alsh, Aline, Leven	11	1,141	11,312	7·10	111·50	15·7
Oban, Feochan, Seil, Mel- fort	12	1,098	4,921	3·90	98·46	25·2
Bute, Eachaig	10	570	2,067	2·51	85·25	33·9
Doon, Girvan, Stinchar, Ryan, Galdenoch	13	855	1,328	1·66	34·03	20·5
Luce, Bladenoch, Cree	3	372	2,525	2·07	44·89	21·7
Fleet, Dee	13	594	427	2·12	35·43	16·7
Urr, Nith, Annan	13	954	1,951	4·02	298·89	74·4
Tweed, Monikie, Lunan, Dee, Slains	14	599	652	1·79	24·77	13·7
Spey	16	879	5,762	4·24	121·19	28·6
Lossie, Findhorn, Nairn	13	663	2,053	2·63	350·50	133·3
Lismore, Mull, Benbecula North Uist	10	655	5,179	3·50	42·41	12·1
Lewis	11	728	5,475	3·75	35·54	9·5
Orkney	40	3,751	3,026	8·66	45·29	5·2
Shetland	30	2,896	7,409	9·64	151·98	15·8
Forth (Reservoirs)	14	932	2,321	9·98	90·36	9·1
Etive	31	1,707	1,416	5·36	51·89	9·7
Clyde	20	1,065	998	3·07	43·69	14·2
Tay, Linnhe	21	2,619	48,451	18·19	307·55	16·9
	7	2,487	93,331	29·00	314·40	10·8
	3	106	79	0·23	3·51	15·3
	562	59,195	1,015,814 = 6·9 cubic miles	340·22	6669·06	19·6

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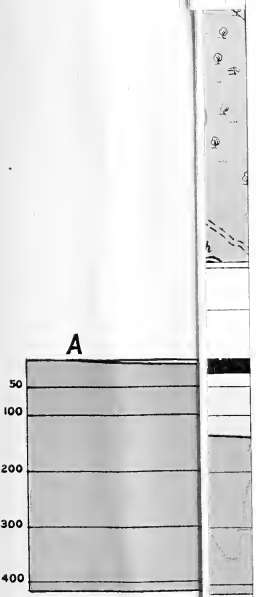
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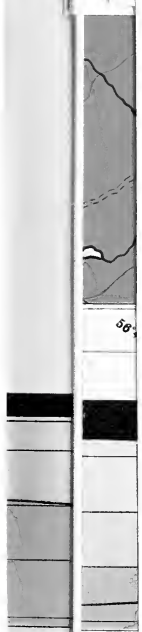
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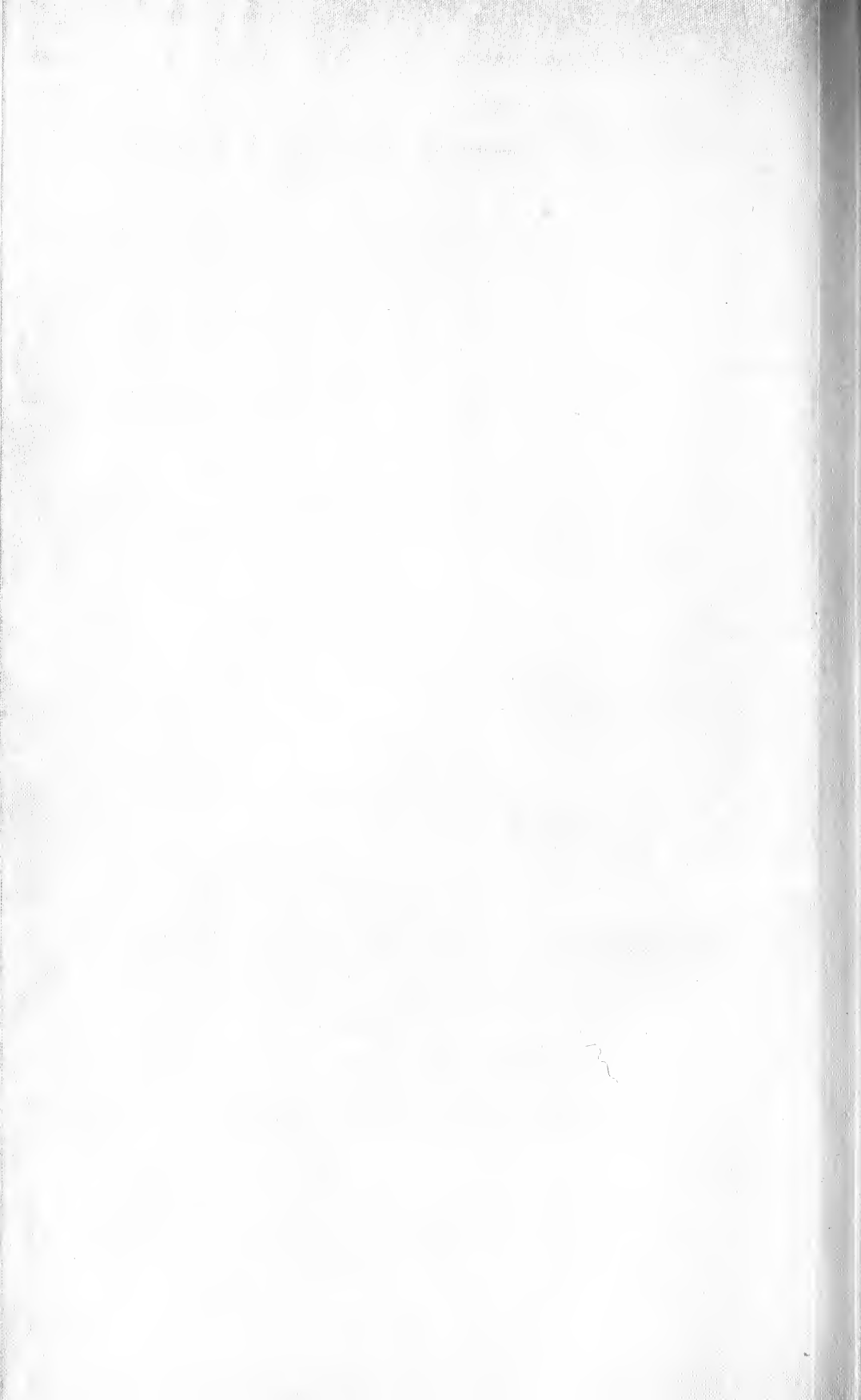
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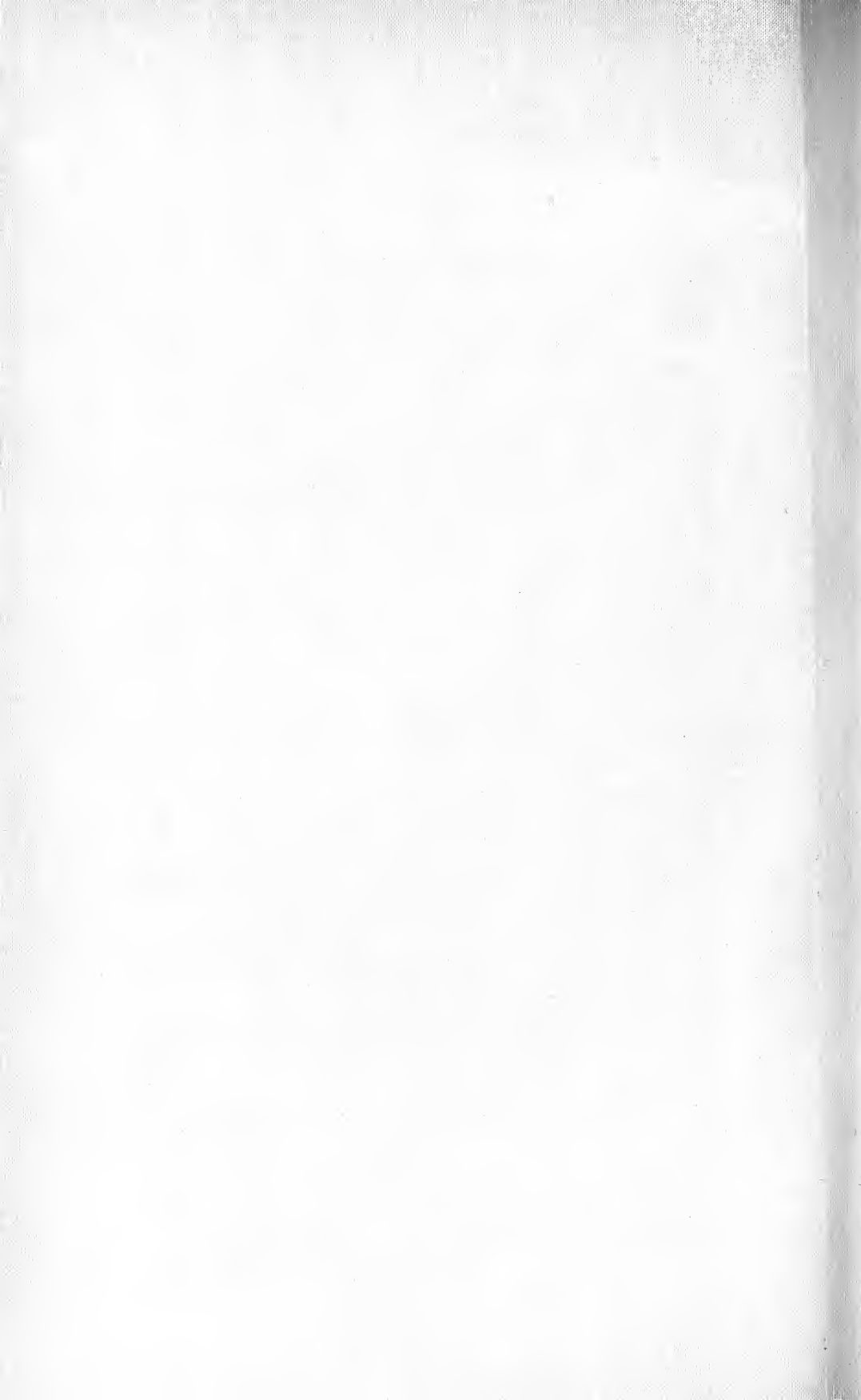






Geograph





1111

5°33'

5°32'

LOCH EILT

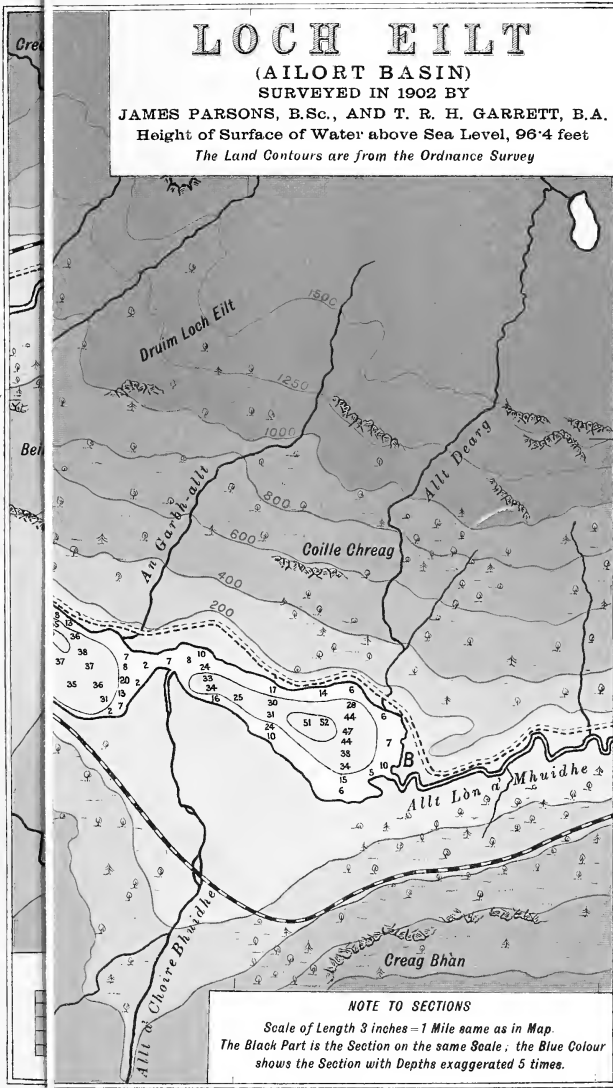
(AILORT BASIN)

SURVEYED IN 1902 BY

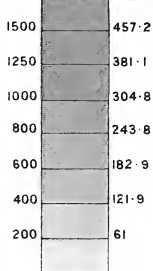
JAMES PARSONS, B.Sc., AND T. R. H. GARRETT, B.A.

Height of Surface of Water above Sea Level, 96'4 feet

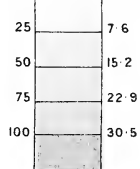
The Land Contours are from the Ordnance Survey



HEIGHTS IN FEET METRES



DEPTHS IN FEET METRES



5°33'

5°32'

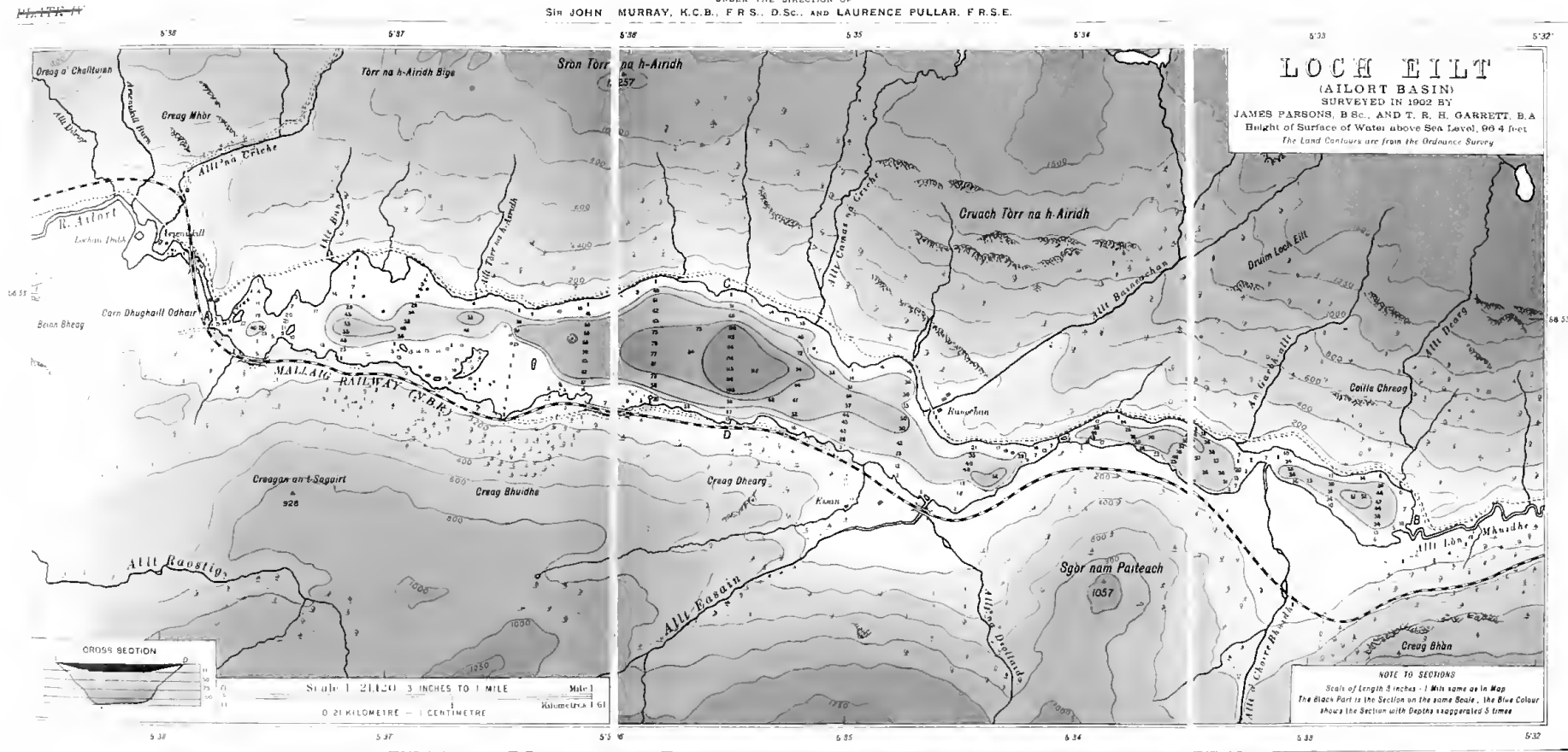
The Edinburgh

J.G. Bartholomew



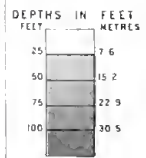
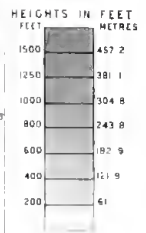
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.S.C. AND LAURENCE PULLAR, F.R.S.E.



LOCH EILT
(AILORT BASIN)

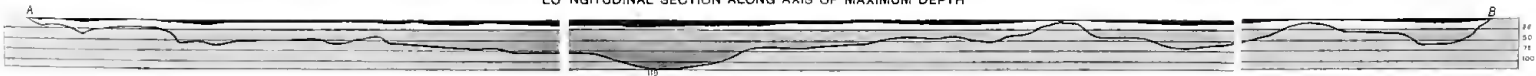
SURVEYED IN 1902 BY
JAMES PARSONS, B.Sc., AND T. R. H. GARRETT, B.A.
Height of Surface of Water above Sea Level, 60.4 feet.
The Land Contours are from the Ordnance Survey.



Scale: 1 2 1 2 0 3 INCHES TO 1 MILE
0 21 KILOMETRE - 1 CENTIMETRE

NOTE TO SECTIONS
Scale of Length 3 inches - 1 Mile same as in Map
The black Part is the Section on the same Scale, the Blue Colour shows the Section with Depths exaggerated 5 times

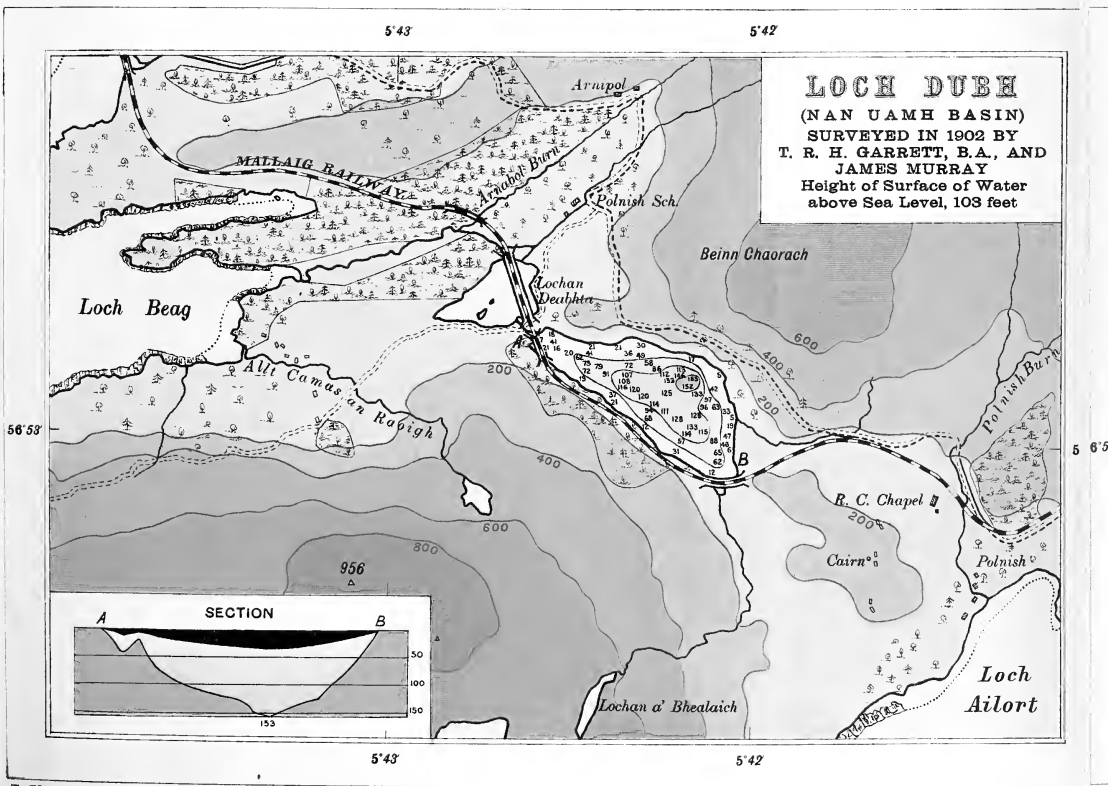
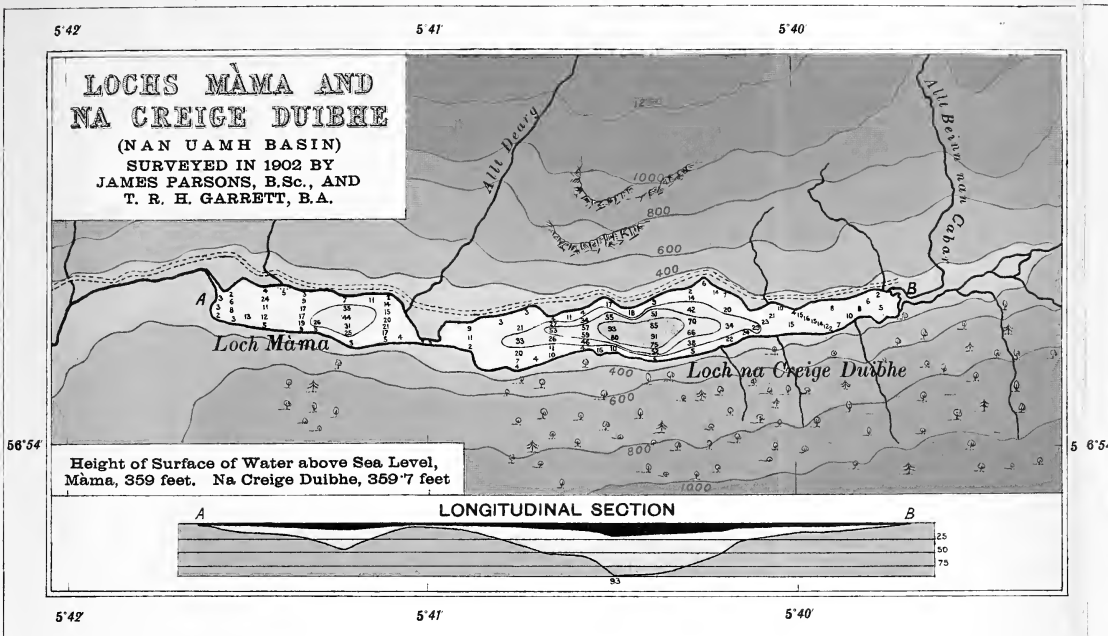
LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

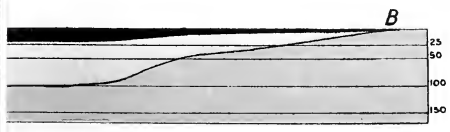
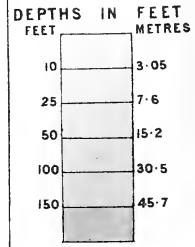
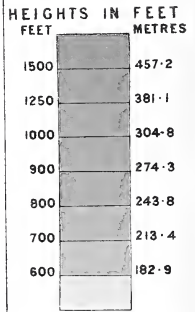
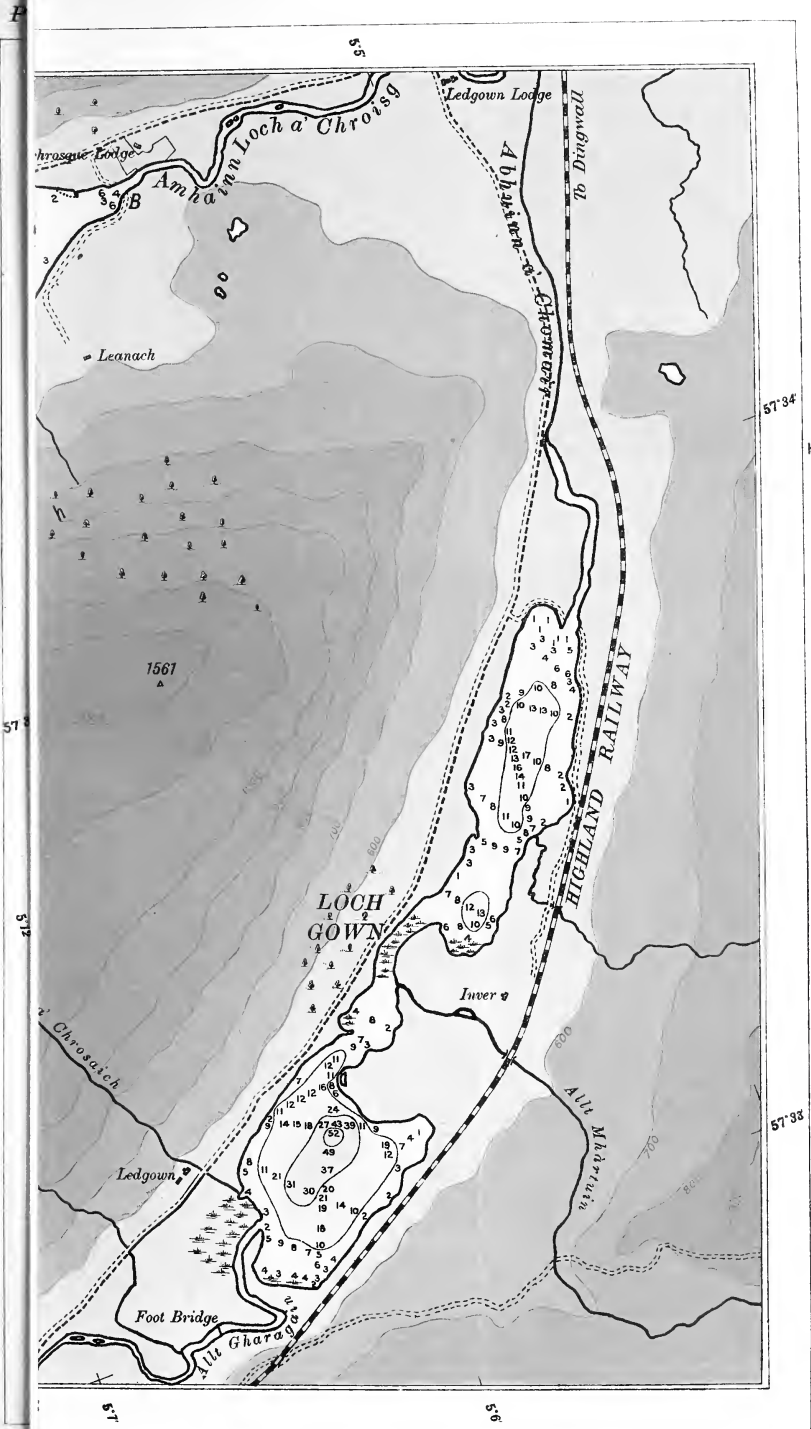
UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.





OTLAND

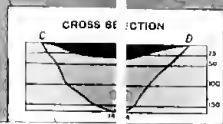
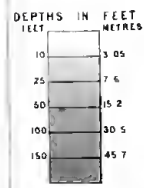
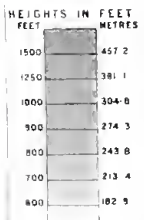
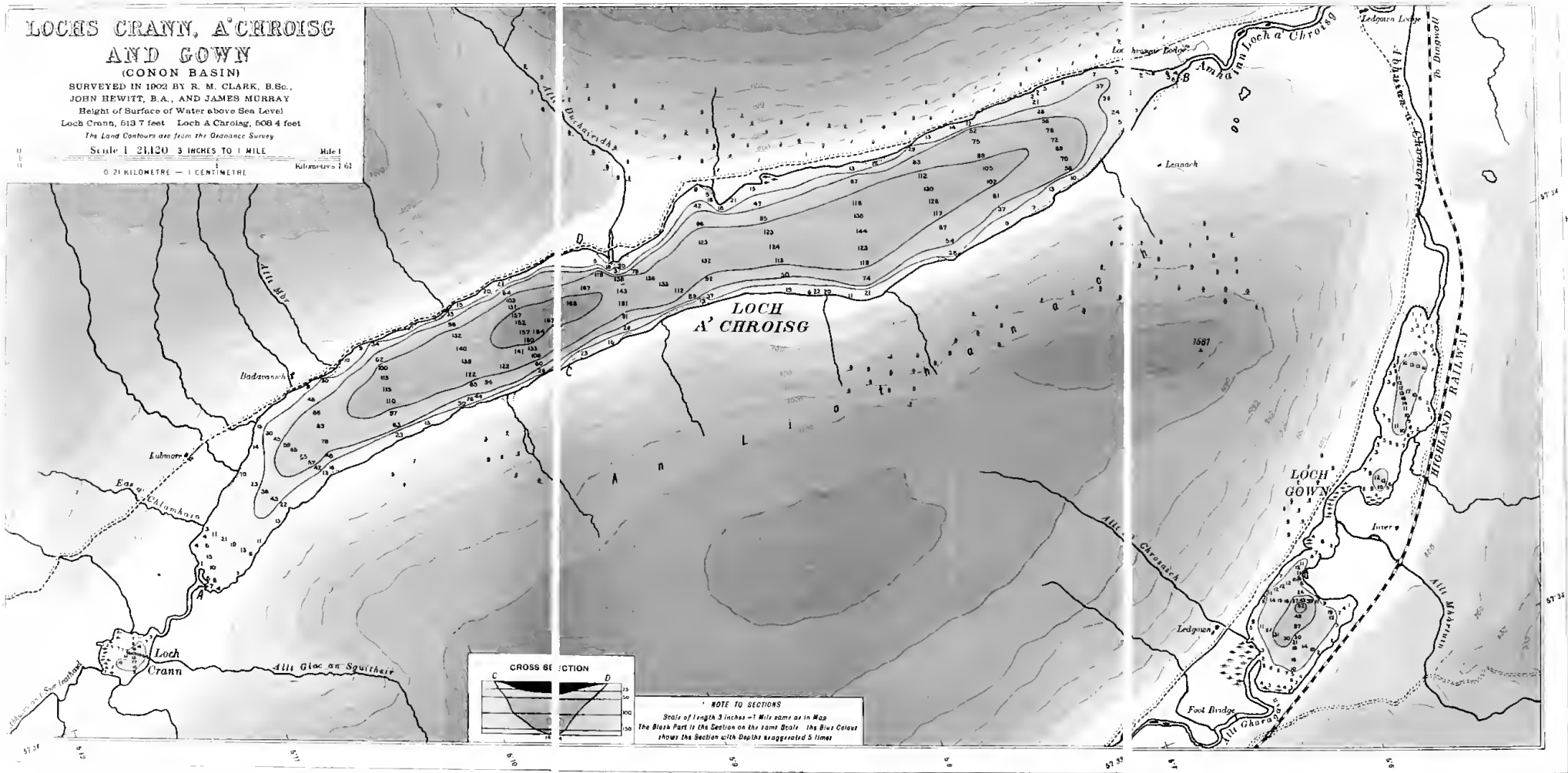


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B. F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE I



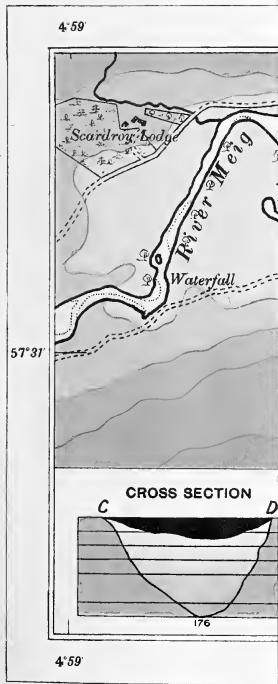
NOTE TO SECTIONS
 Scale of length 3 inches = 1 Mile same as in Map
 The Black Part in the Section on the same Scale. The Blue Colour shows the Section with Depth magnified 5 times





E

PLATE II



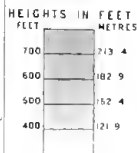
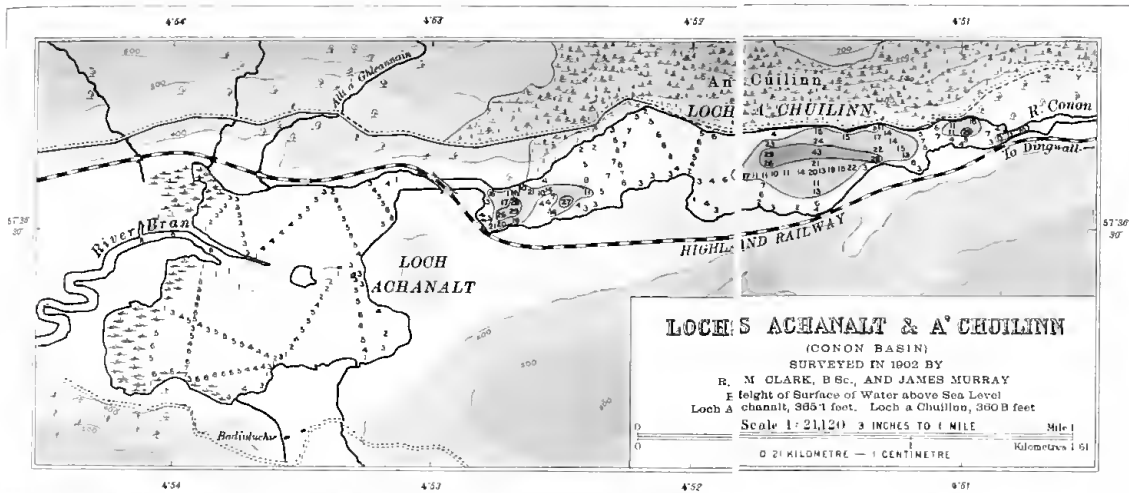
The Edinburgh Geographical Institute



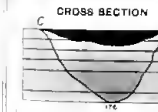
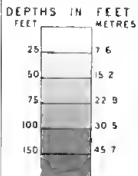
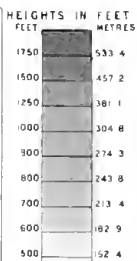
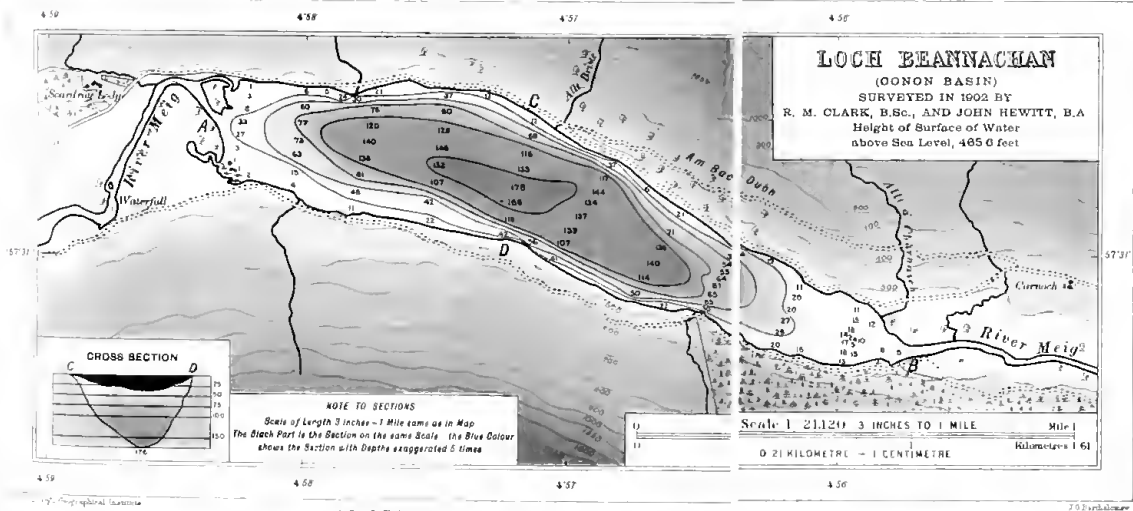
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY K.C.B., F.R.S., D.Sc., AND LAURENCE PUL LAR, F.R.S.E.

PLATE II



The Land Contours are from the Ordnance Survey



NOTE TO SECTIONS
Scale of Length 3 inches = 1 Mile same as in Map
The black Part is the Section on the same Scale, the Blue Colour shows the Section with Depths exaggerated 5 times

LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH





4°55'

LOCH FANNICH

(CONON BASIN)

SURVEYED IN 1902 BY
 JOHNSTON, M.B., C.M., JOHN HEWITT B.A.,
 M. CLARK, B.Sc., AND JAMES MURRAY

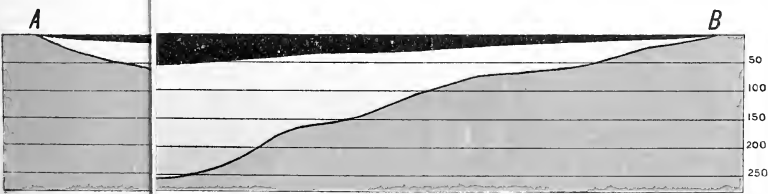
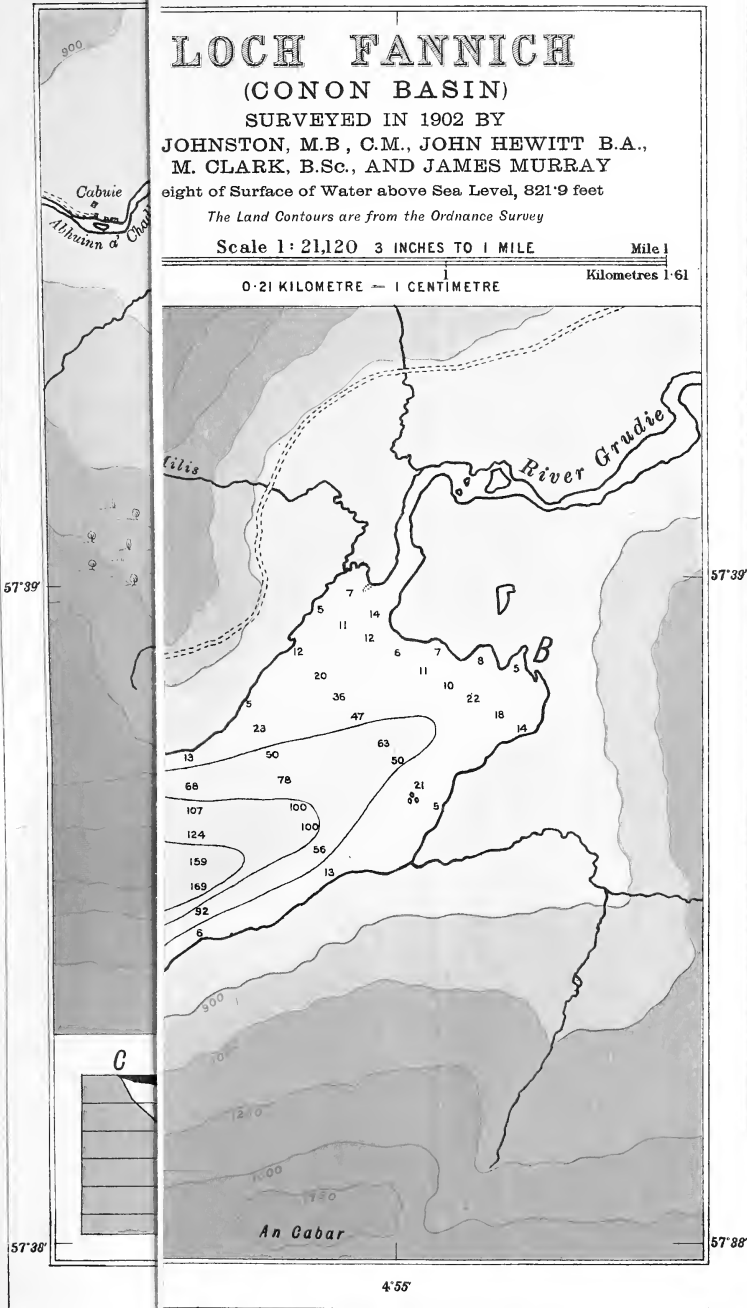
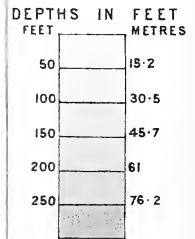
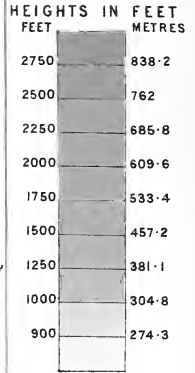
Height of Surface of Water above Sea Level, 821·9 feet

The Land Contours are from the Ordnance Survey

Scale 1: 21,120 3 INCHES TO 1 MILE Mile 1

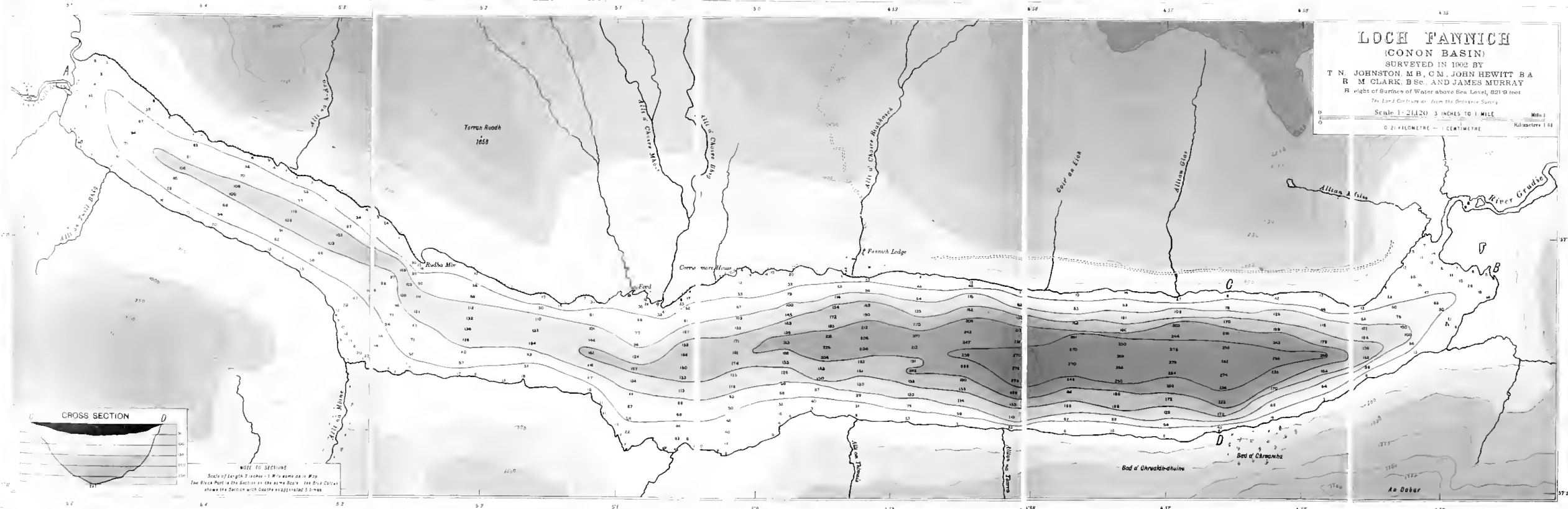
0·21 KILOMETRE — 1 CENTIMETRE

Kilometres 1·61

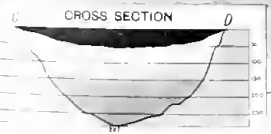
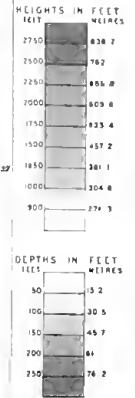


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, Bt, C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, FR.S.E.



LOCH FANNICH
(CONON BASIN)
SURVEYED IN 1902 BY
T. N. JOHNSTON, M.B., C.N., JOHN HEWITT, B.A.
R. M. CLARK, B.Sc., AND JAMES MURRAY
Height of Surface of Water above Sea Level, 821.0 feet
The Loch Contour is from the Ordnance Survey
Scale 1:21,120 3 INCHES TO 1 MILE
0 21.120 METRE = 1 CENTIMETRE

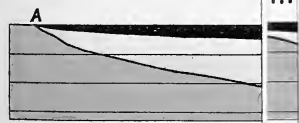
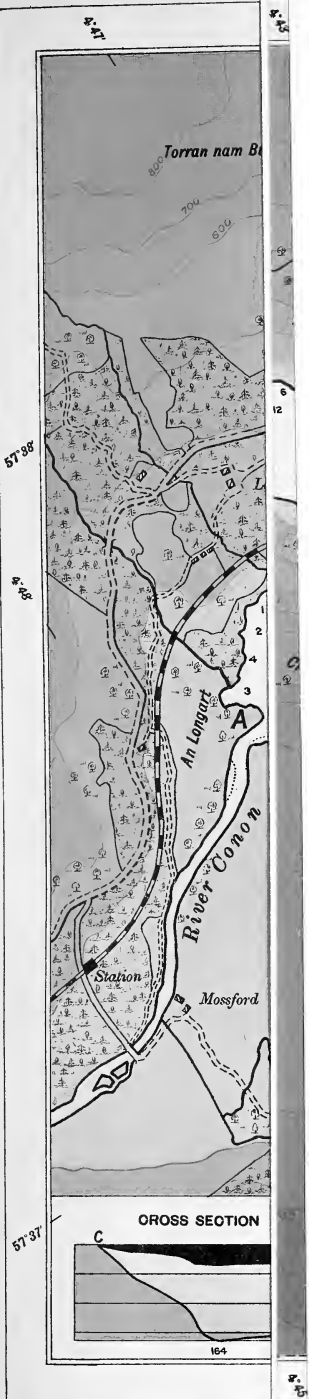


LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



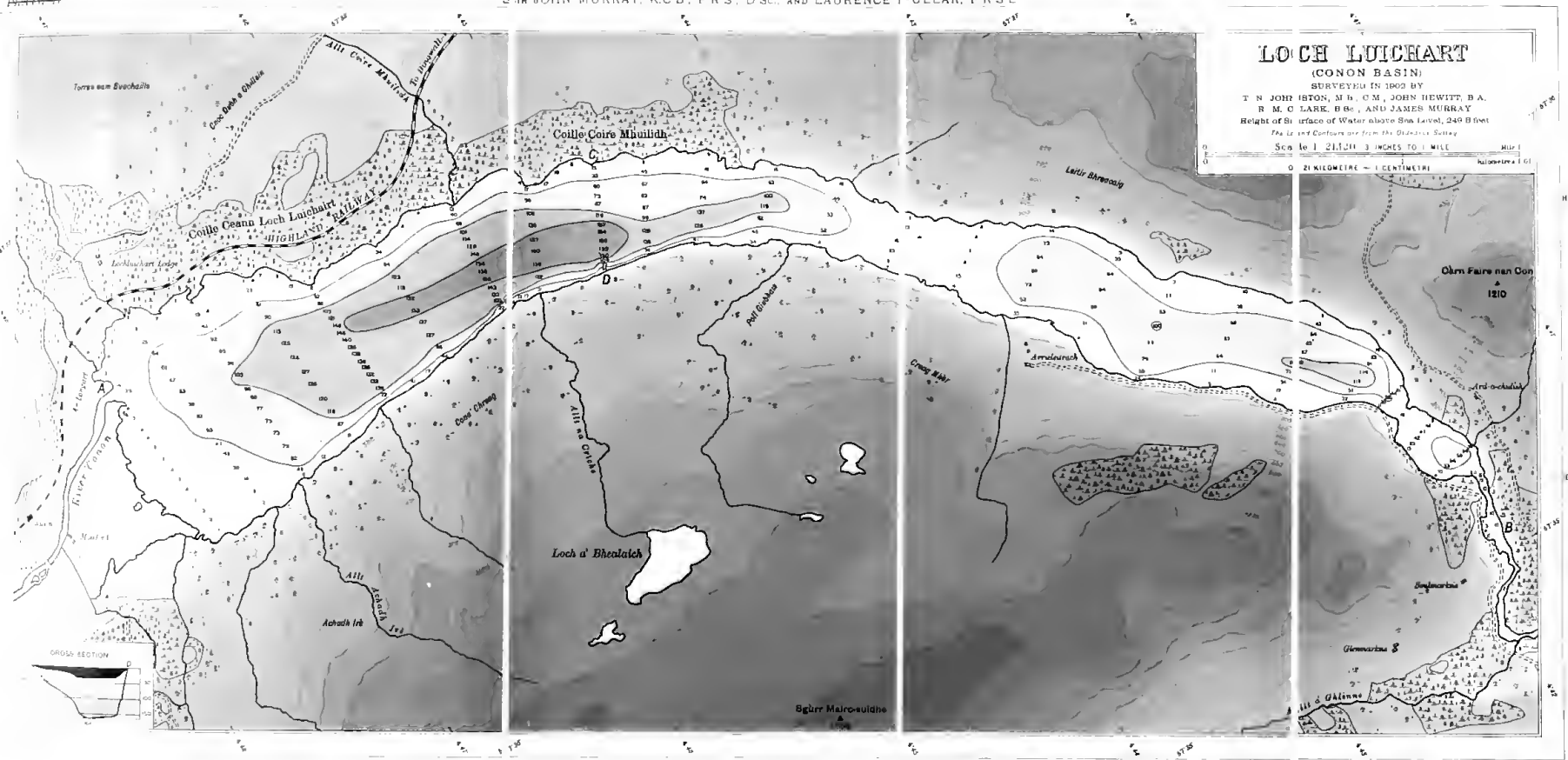


PLATE IV



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



LOCH LUICHAFT

(CONON BASIN)

SURVEYED IN 1902 BY

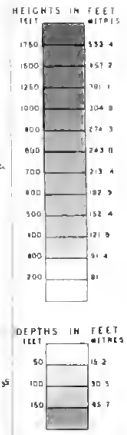
T. N. JOHNSTON, M.B., C.M., JOHN HEWITT, B.A.

R. M. O'LEARY, B.Sc., AND JAMES MURRAY

Height of Surface of Water above Sea Level, 240.0 Feet

The Level Contours are from the Ordnance Survey

Scale 1:25,000 (1 inch = 2 miles)
0 25 KILOMETRE = 1 CENTIMETRE



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH

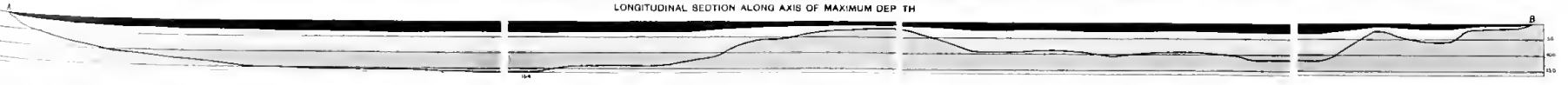
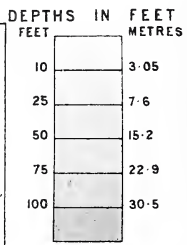
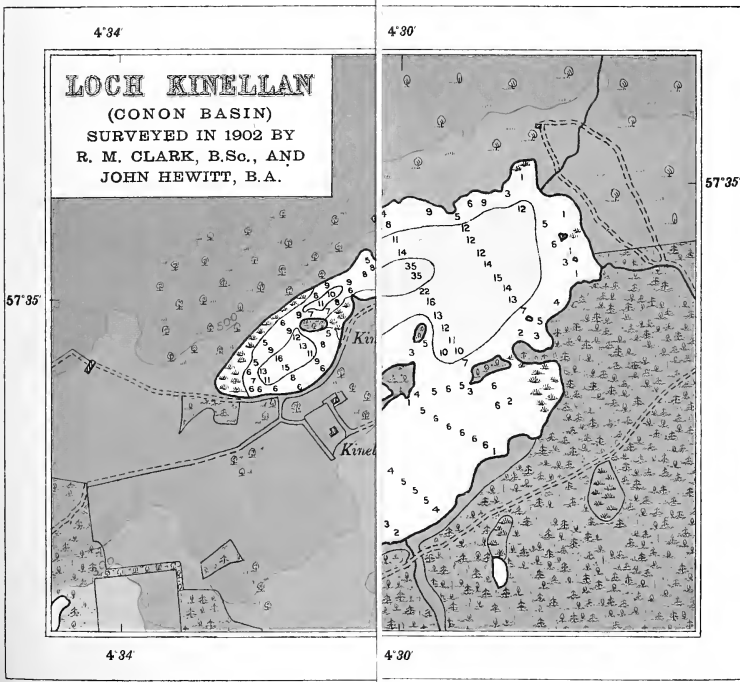
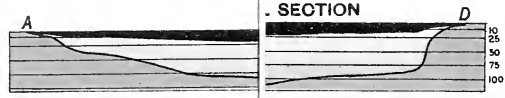
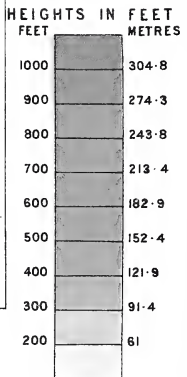
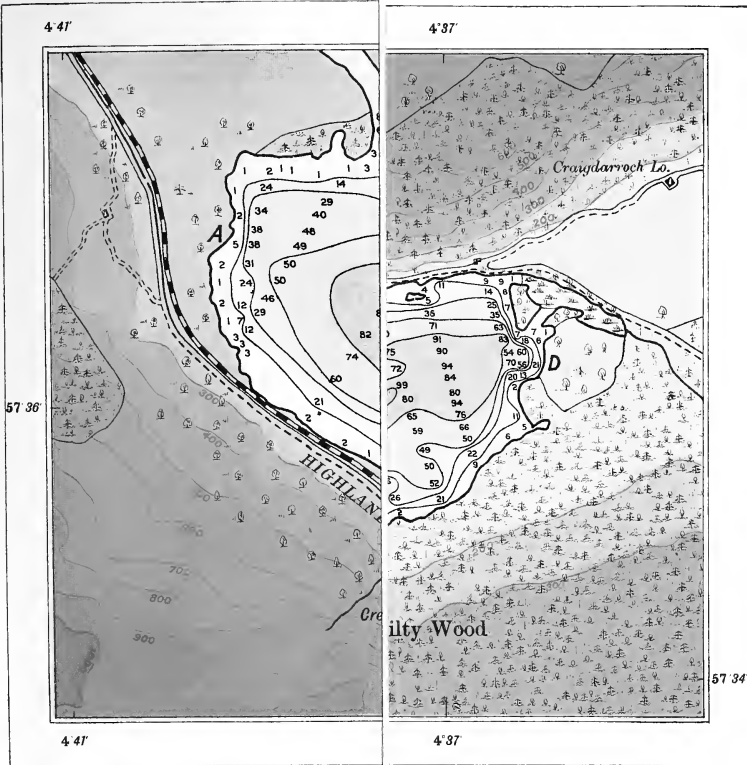




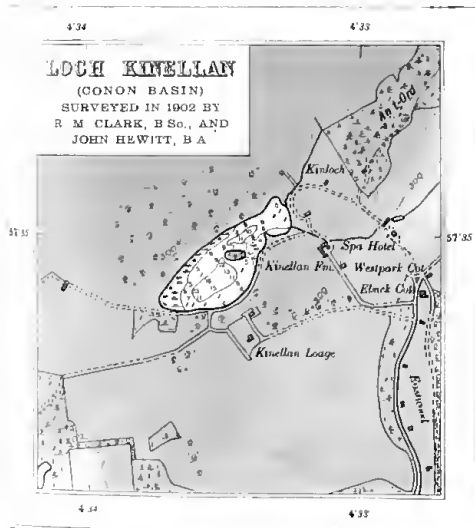
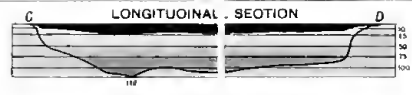
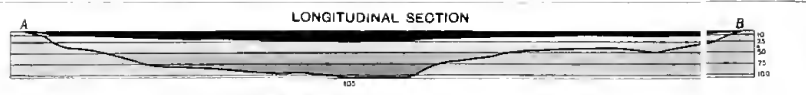
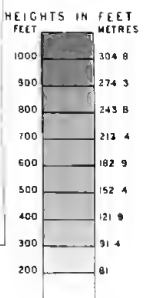
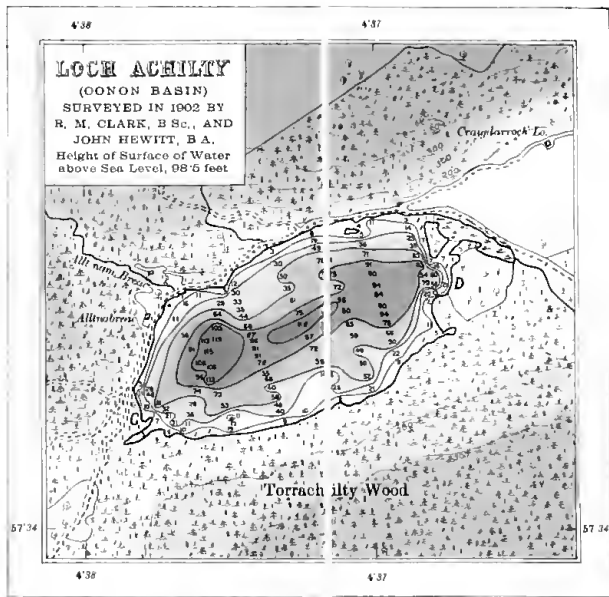
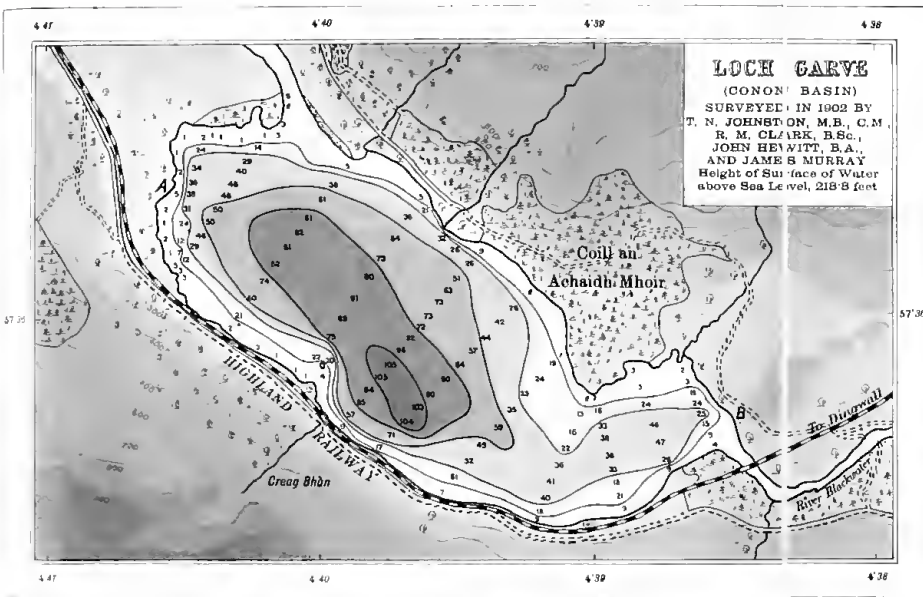
PLATE V



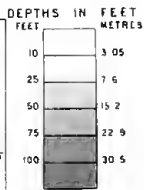
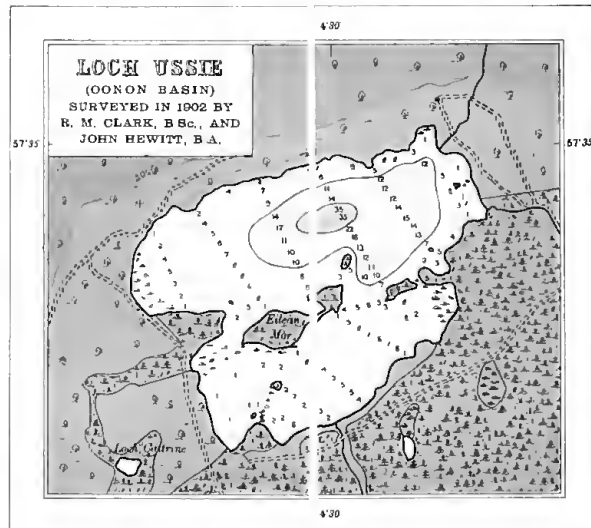
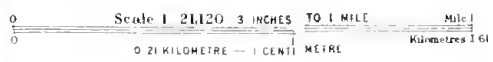
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.S.C., AND LAURENCE PULLAR, F.R.S.E

PLATE V



NOTE TO SECTIONS
Scale of Length 3 inches = 1 Mile same as on Map
The Black Part in the Section on the same Scale the Blue Colour
shows the Section with Depths enlarged 3 times.





LOCH GLASS

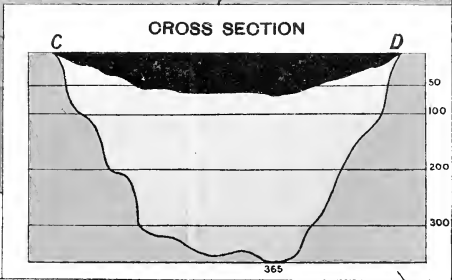
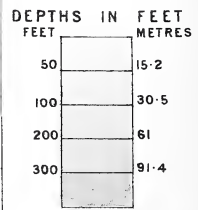
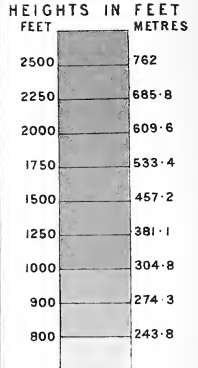
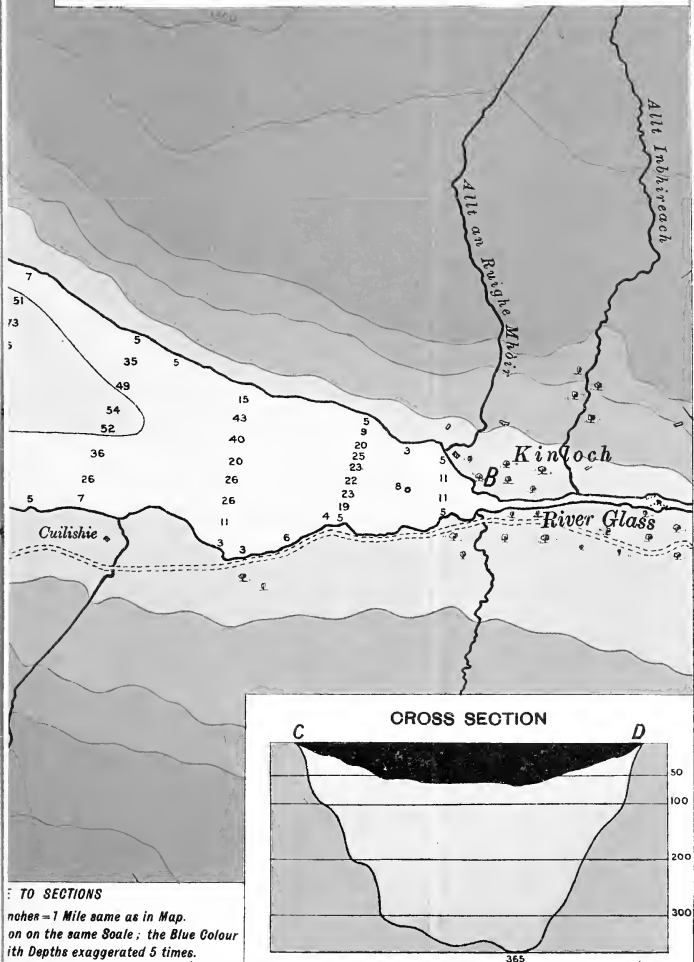
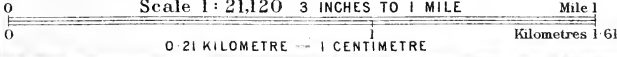
(CONON BASIN)

SURVEYED IN 1902 BY

T. N. JOHNSTON, M.B., C.M., R. M. CLARK, B.Sc., AND
JOHN HEWITT, B.A.

The Land Contours are from the Ordnance Survey

Scale 1: 21,120 3 INCHES TO 1 MILE

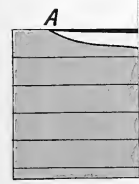
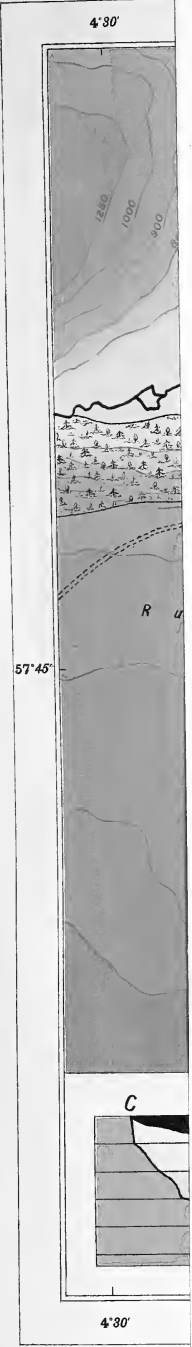


TO SECTIONS
notes - 1 Mile same as in Map.
on the same Scale; the Blue Colour
with Depths exaggerated 5 times.





PLATE VII

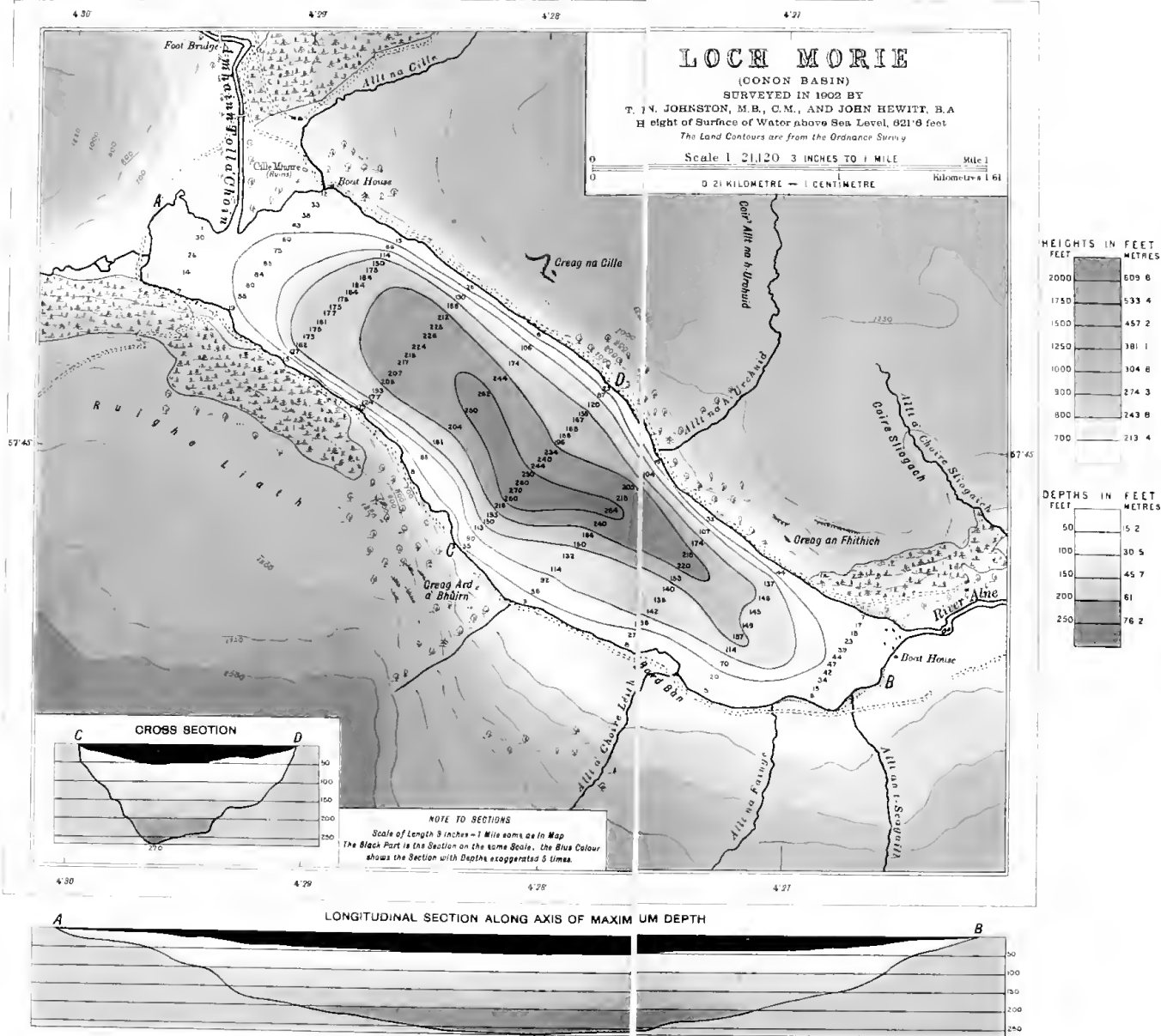


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B. F.R.S. D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE VII



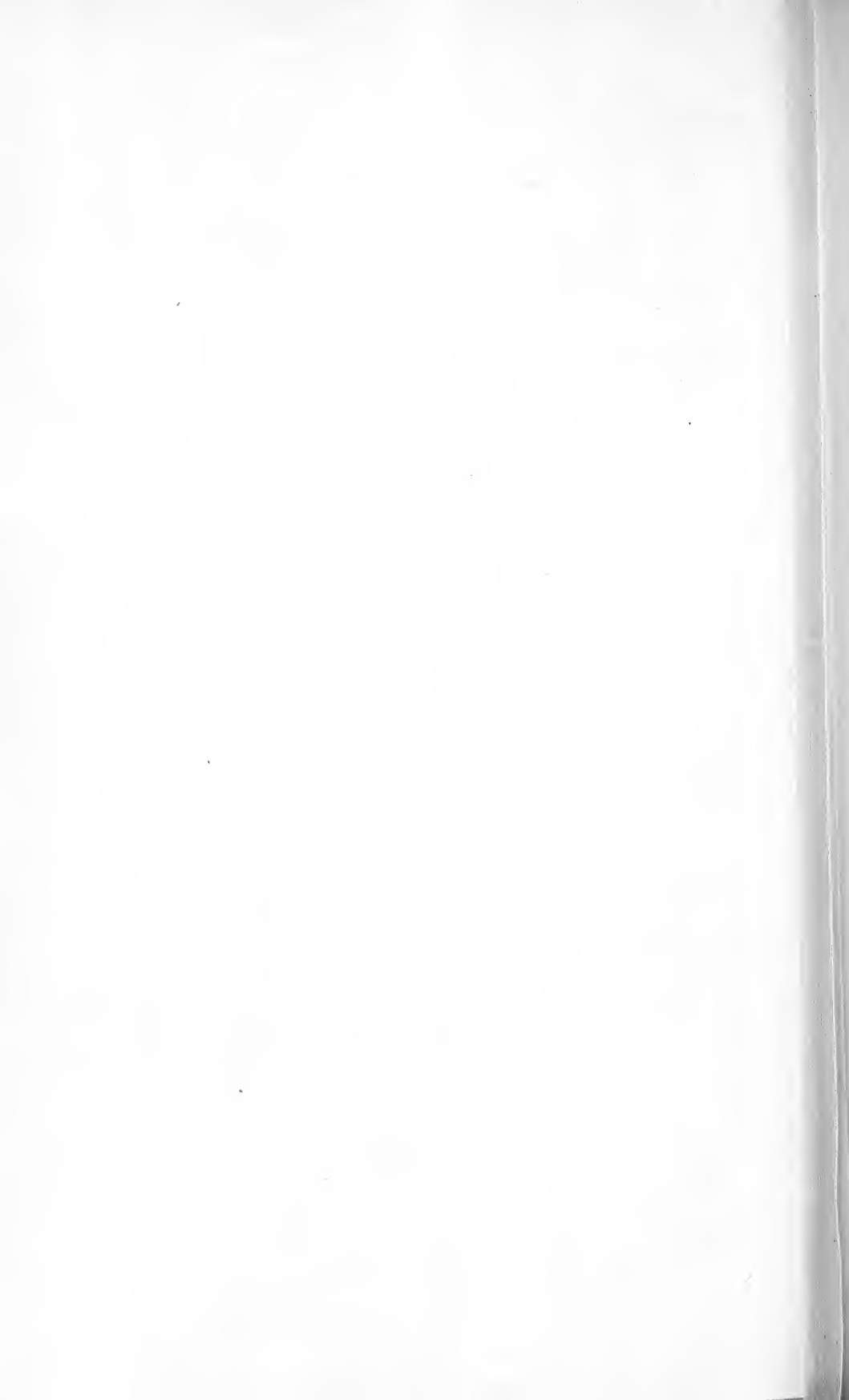
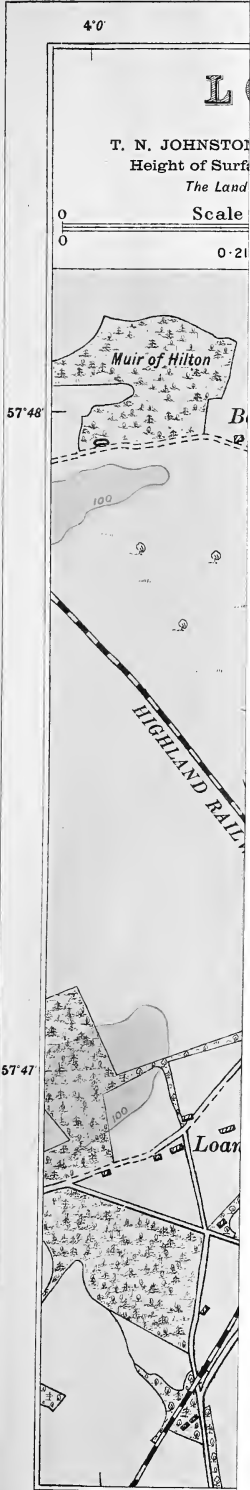


PLATE VIII

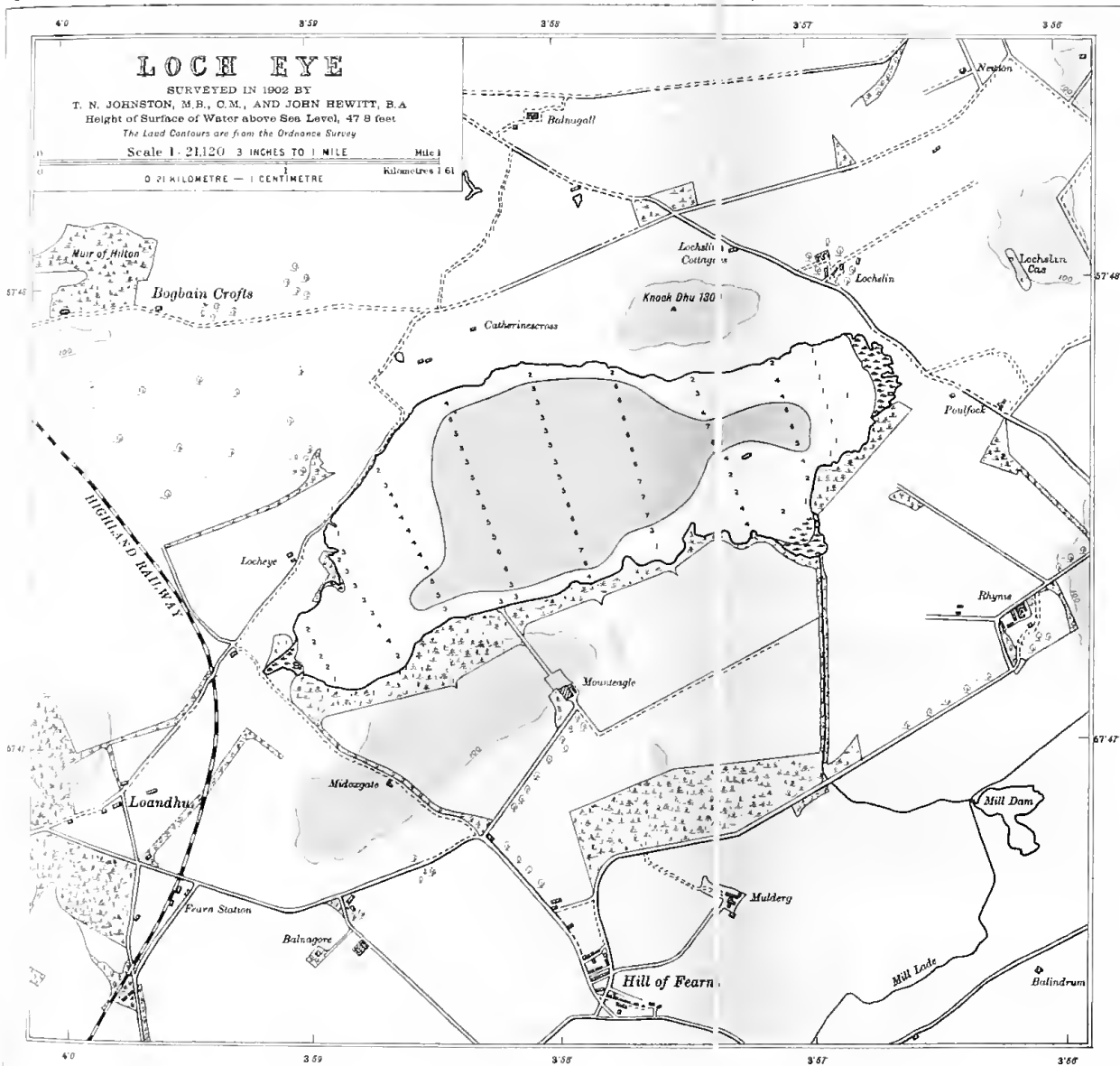


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE VIII

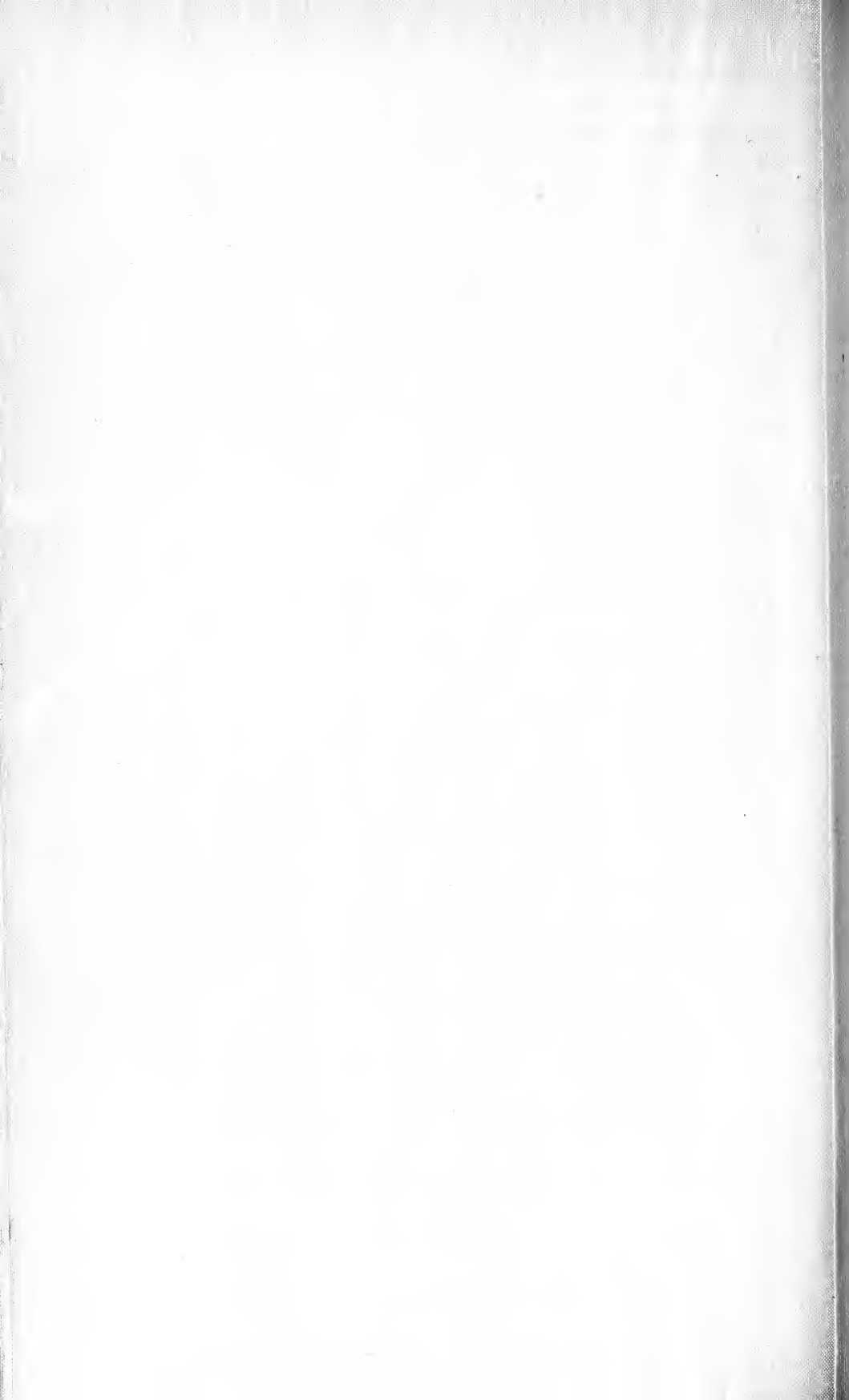


HEIGHTS IN FEET
 FEET



DEPTHS IN FEET
 FEET





PL

4-43

ca

4-44

5872

3

4-45

crion

BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
 SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAUFENCE PULLAR, F.R.S.E.

THE GEOGRAPHICAL JOURNAL 1905

LOCH SHIN

UPPER SECTION

SHIN BASIN

SURVEYED IN 1902 BY

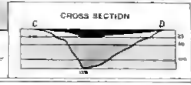
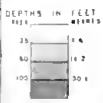
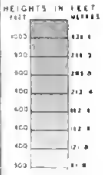
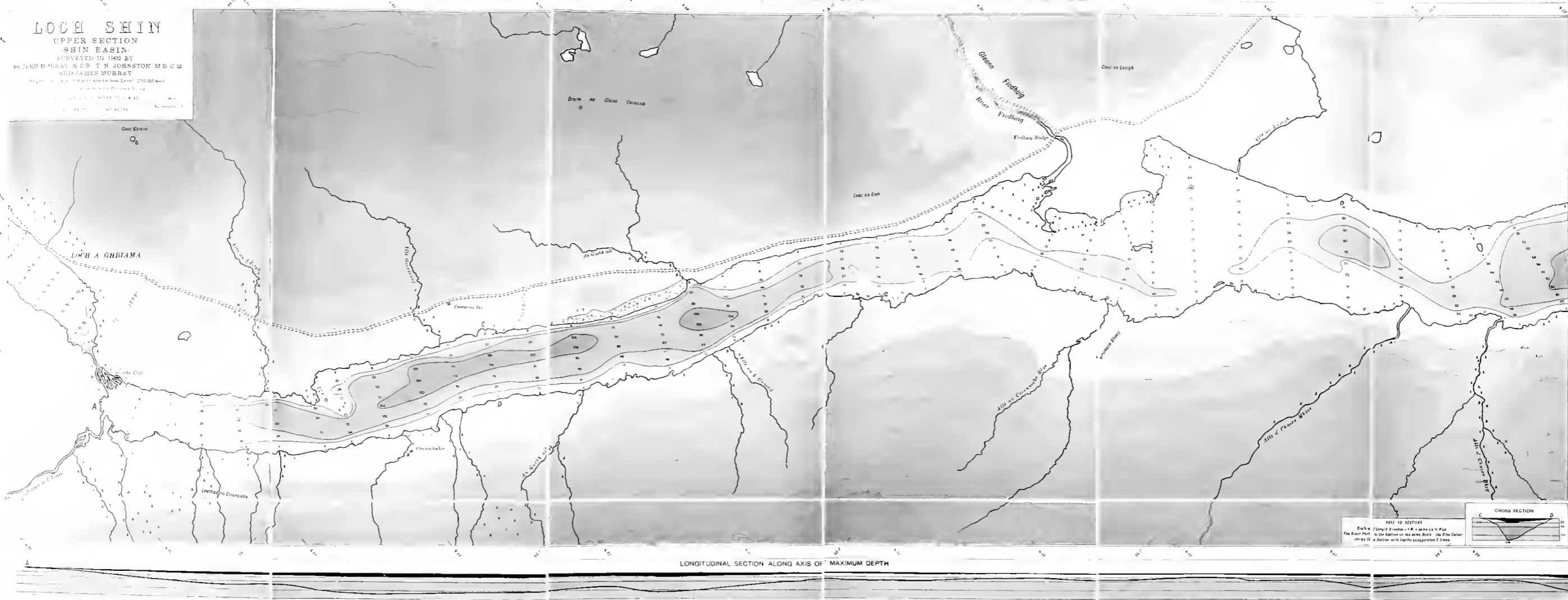
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., T. N. JOHNSTON, M.B., C.M.,

AND JAMES MURRAY

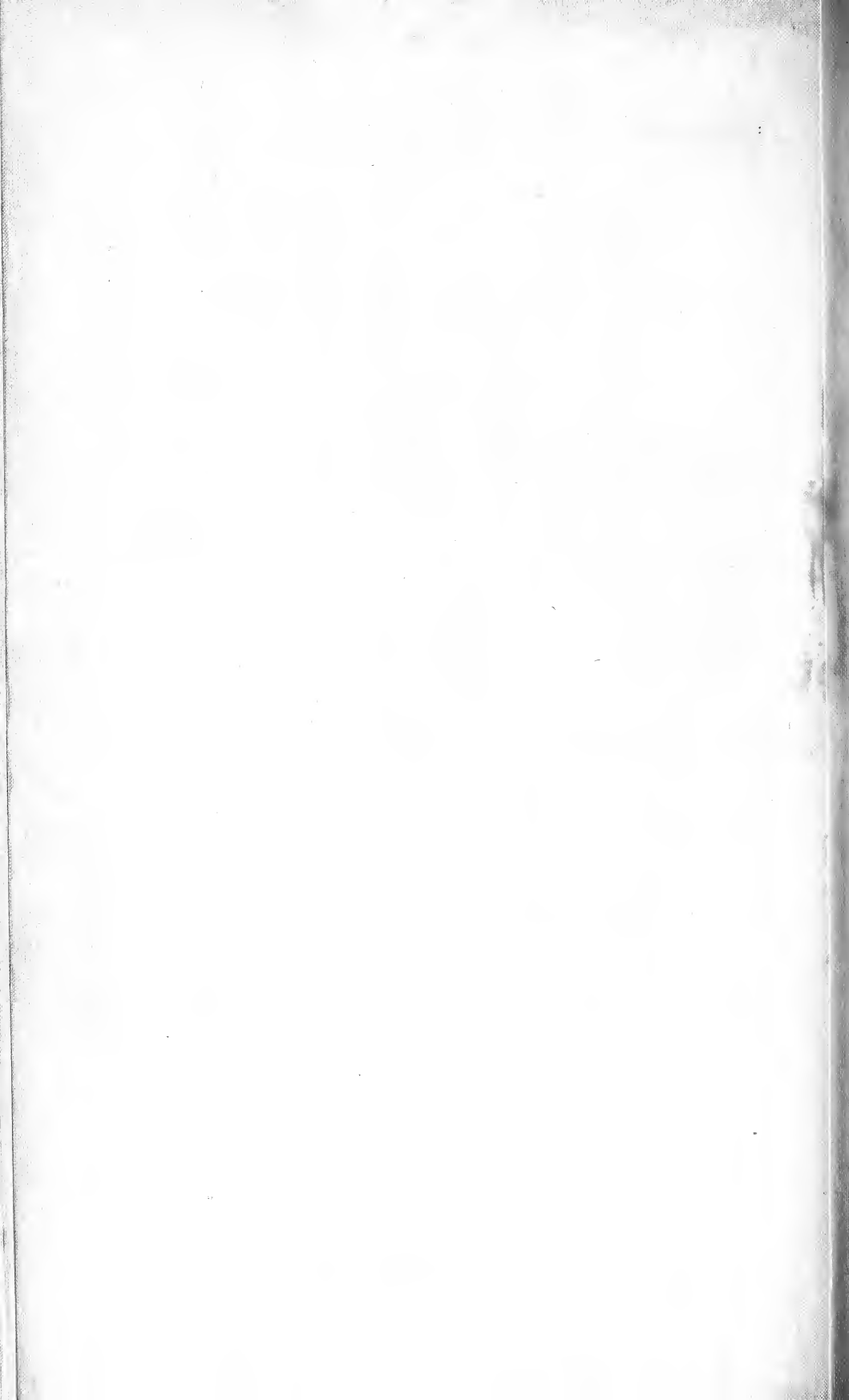
HEIGHTS IN FEET METERS

DEPTHS IN FEET METERS

SCALE



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



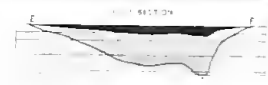
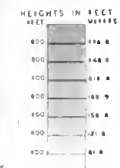
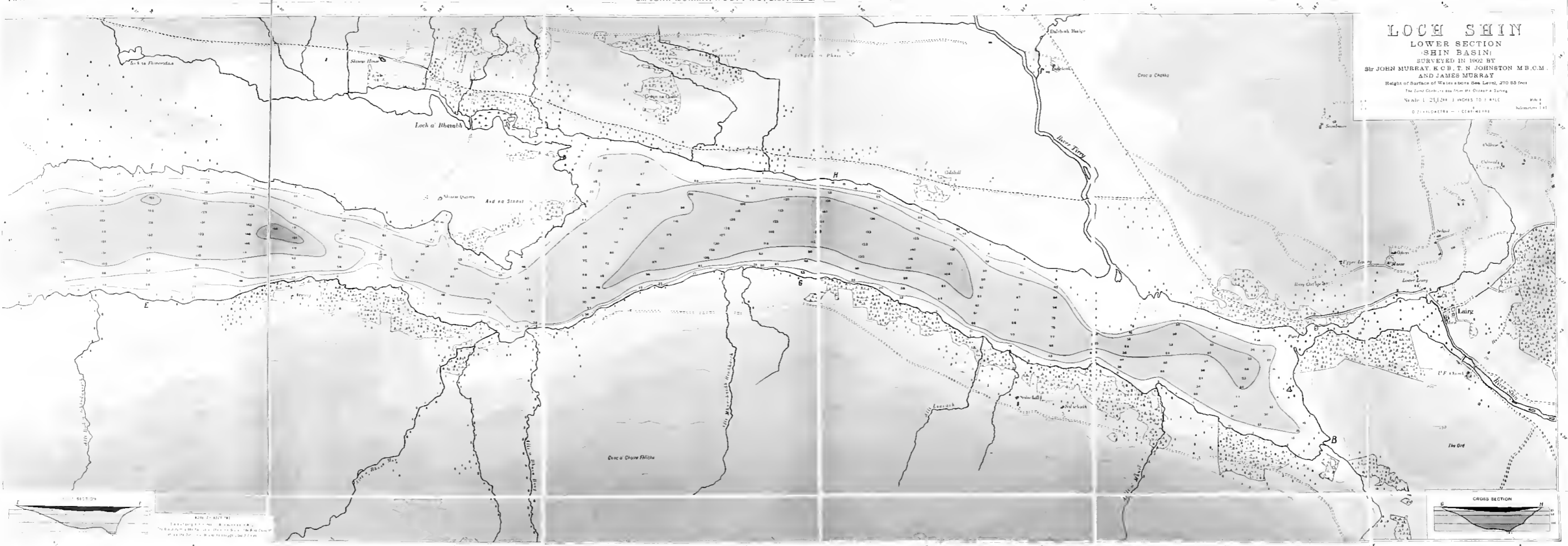


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

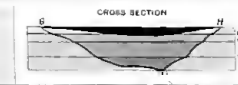
UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, FRSE

THE GEOGRAPHICAL JOURNAL 1905

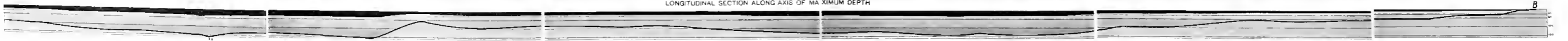
LOCH SHIN
LOWER SECTION
(SHIN BASIN)
SURVEYED IN 1902 BY
SIR JOHN MURRAY, K.C.B., T. N. JOHNSTON M.B.O.M.
AND JAMES MURRAY
Height of Surface of Sea on Ordnance Level, 270.85 feet
The Joint Control is from Mr. Ormerod's Survey
Scale 1:25,000 (1 INCHES TO 1 MILE) W.M.S.
0 100 200 METERS 1:100,000



Scale 1:25,000 (1 INCHES TO 1 MILE)
W.M.S.
0 100 200 METERS 1:100,000

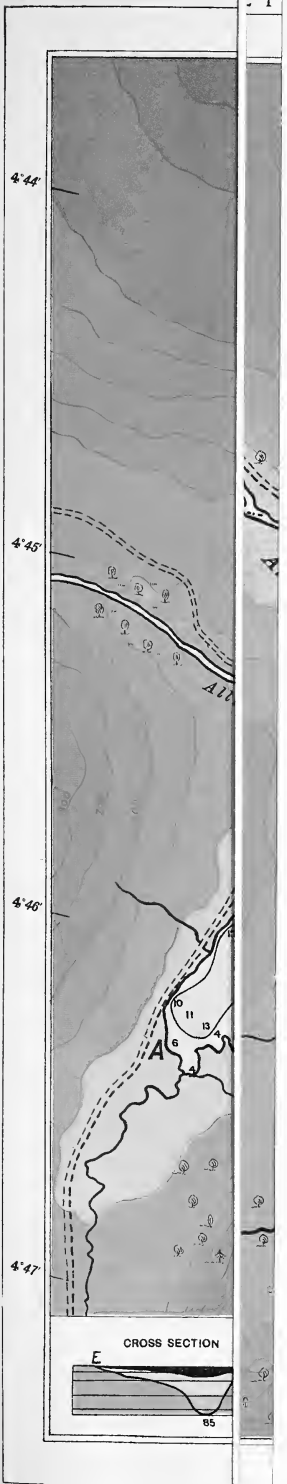


LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



EP
P

PLATE III



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

LOCHS MERKLAND & A' GHRIAMA

(SHIN BASIN)

SURVEYED IN 1902

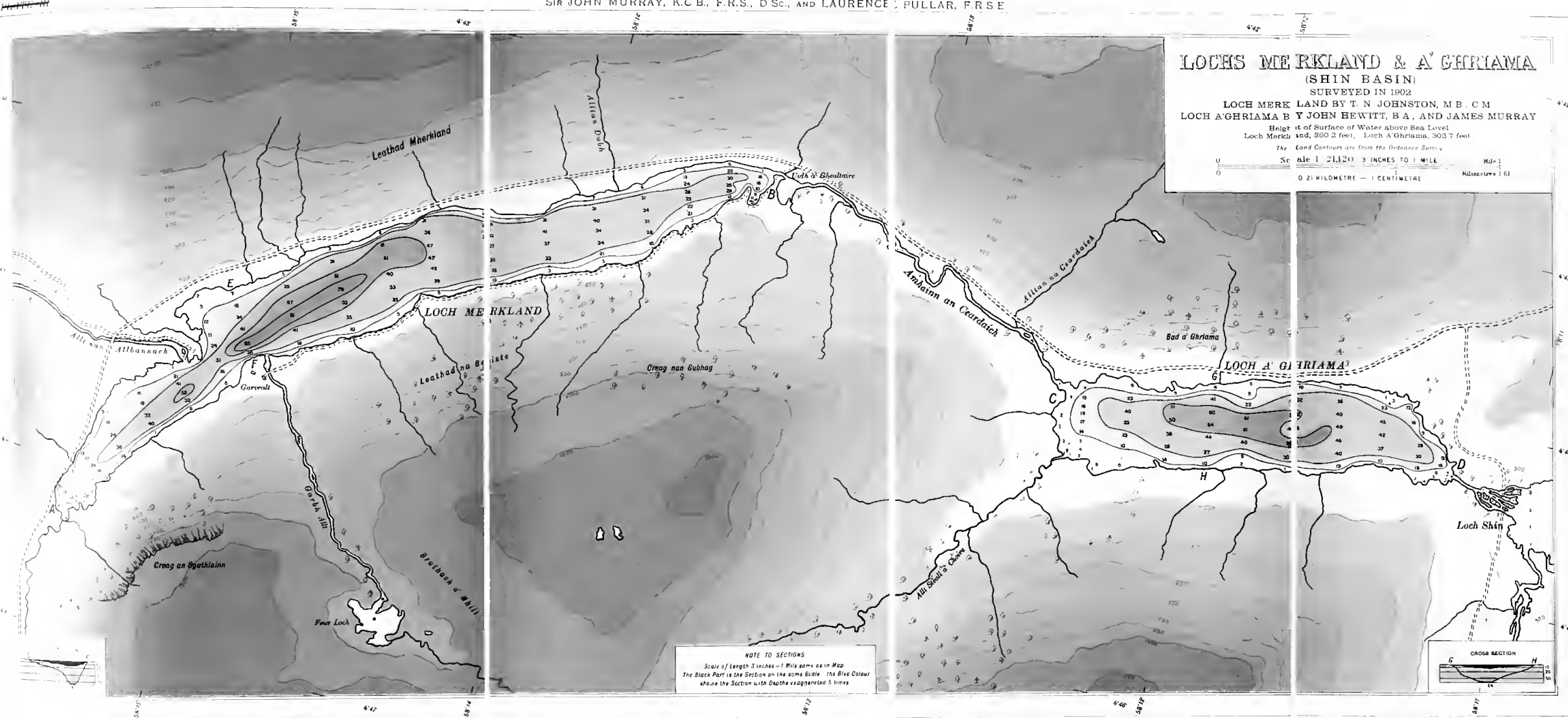
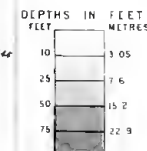
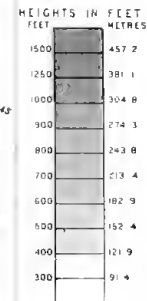
LOCH MERKLAND BY T. N. JOHNSTON, M.B., C.M.
LOCH A' GHRIAMA BY JOHN HEWITT, B.A., AND JAMES MURRAY

Height of Surface of Water above Sea Level
Loch Merkland, 860.2 feet; Loch A' Ghriama, 303.7 feet

The Land Contours are from the Ordnance Survey

Scale 1:21,120 3 INCHES TO 1 MILE

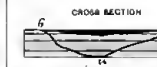
0.21 KILOMETRE — 1 CENTIMETRE



NOTE TO SECTIONS
Scale of length 3 inches = 1 Mile same as in Map
The Black Part is the Section on the same Scale the Blue Colour shows the Section with Depths exaggerated 5 times

LONGITUDINAL SECTION A B ALONG AXIS OF MAXIMUM DEPTH

LONGITUDINAL SECTION C D ALONG AXIS OF MAXIMUM DEPTH



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

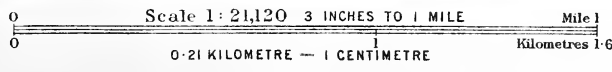
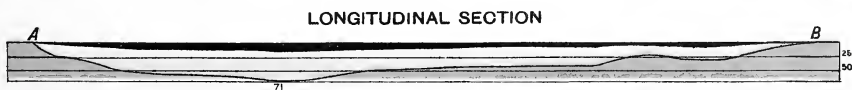
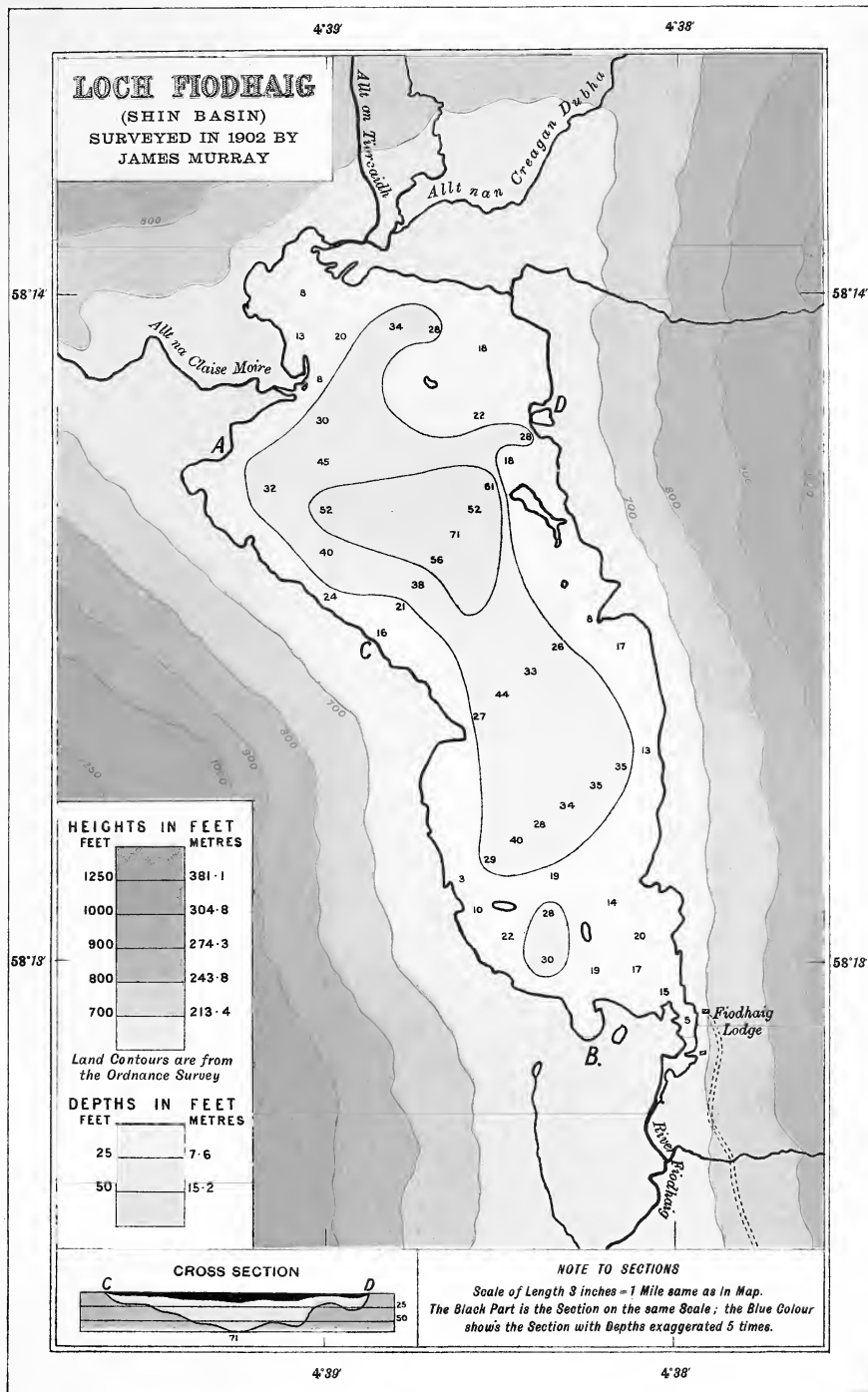
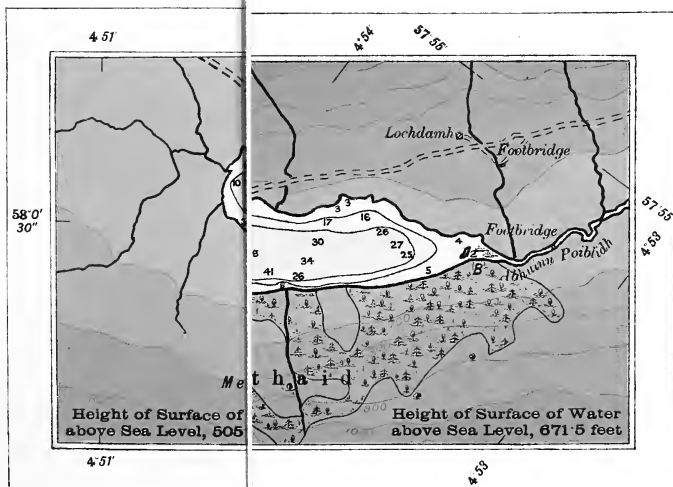
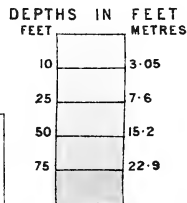
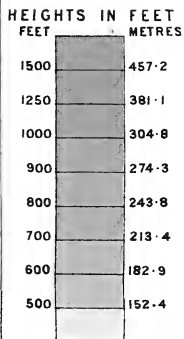
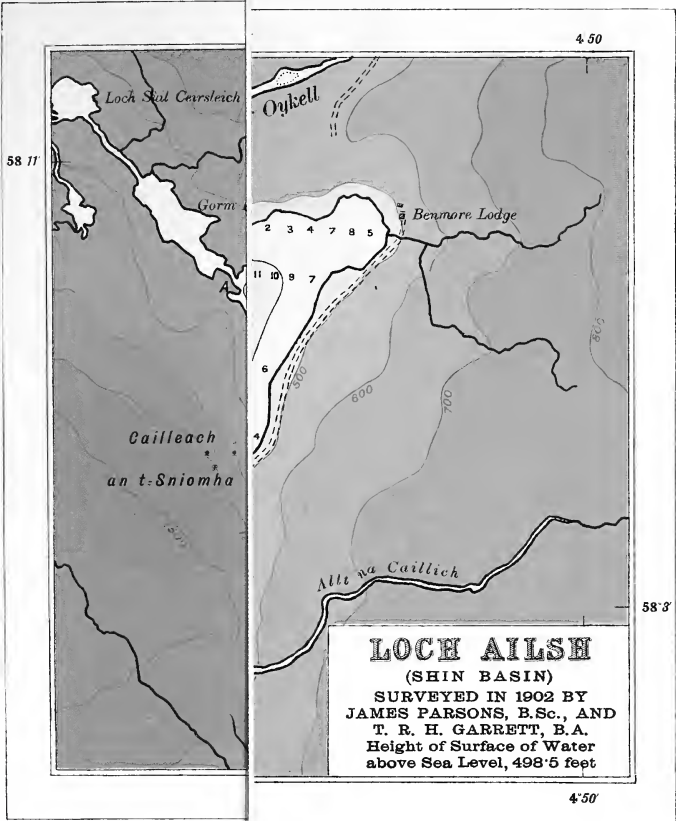
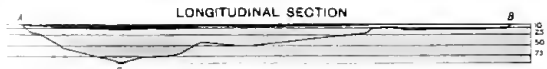
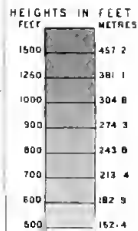
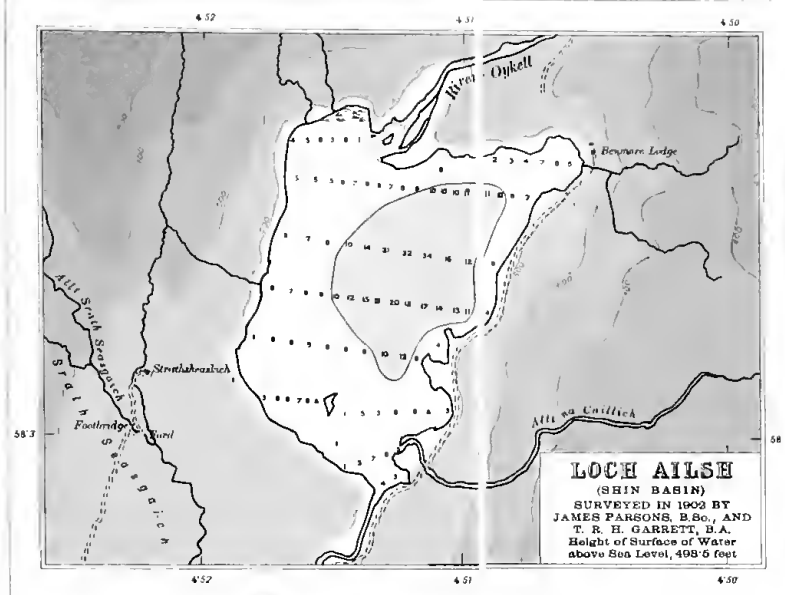
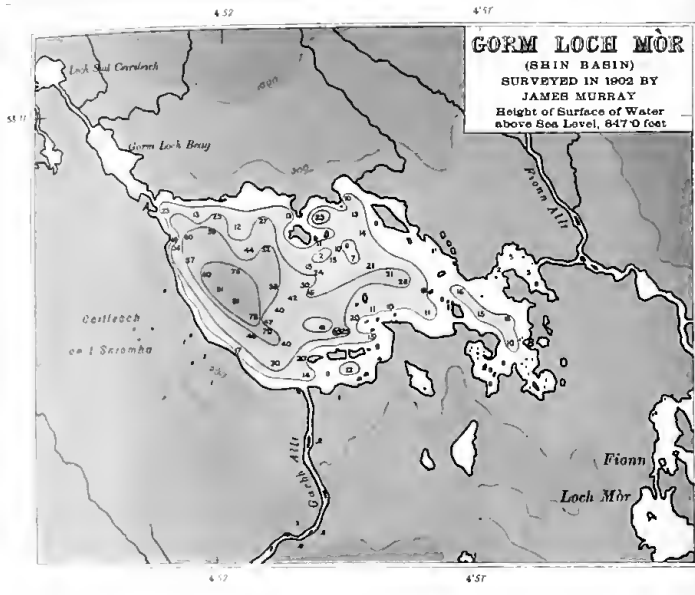


PLATE V

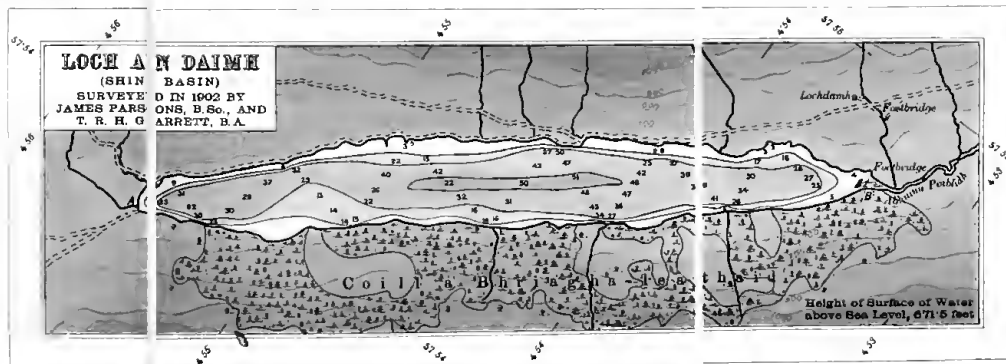
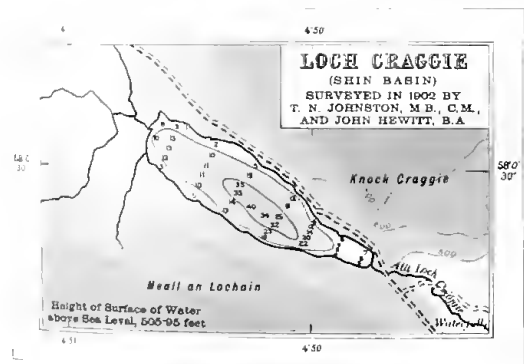
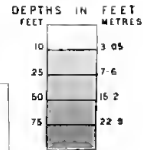
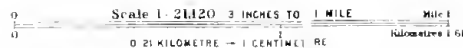


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.S. F. R.S., D.S.C., AND LAURENCE PULLAR, F.R.S.E.



The Land Contours are from the Ordnance Survey



NOTE TO SECTIONS
Scale of Length 3 inches = 1 Mile same as in Map
The Black Part is the Section on the same Scale. The Blue Colour
shows the Section with Depths exaggerated 5 times

PLATE

5757

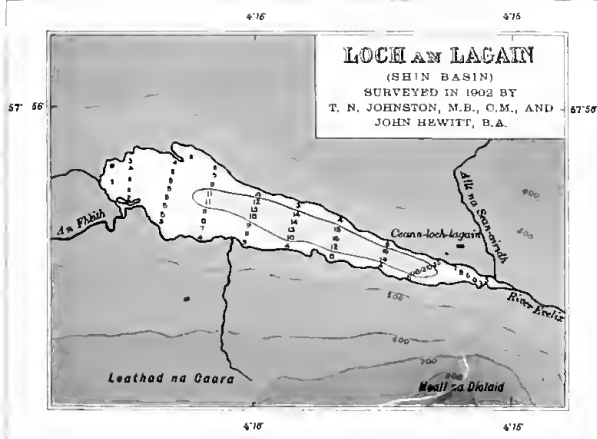
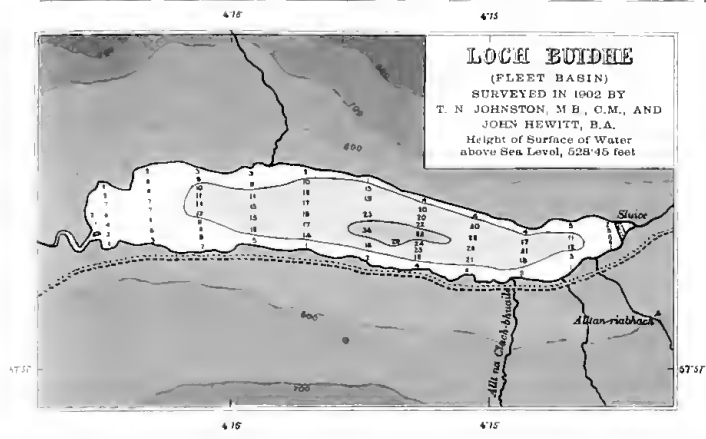
5753

The Edinburgh

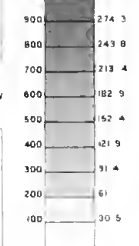
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURIE PULLAR, F.R.S.E.

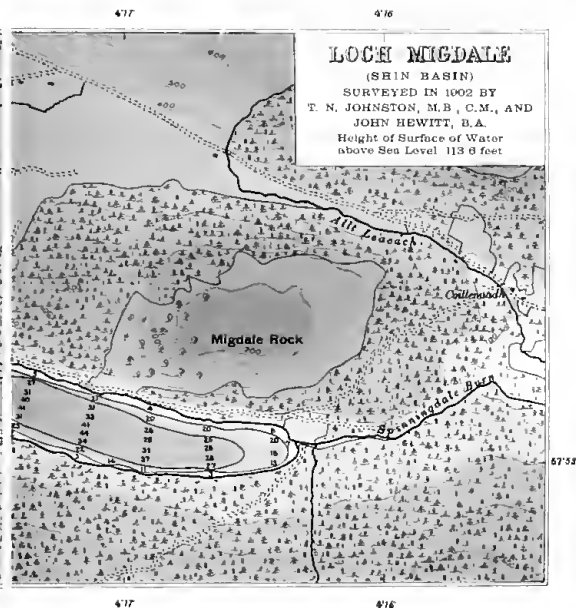
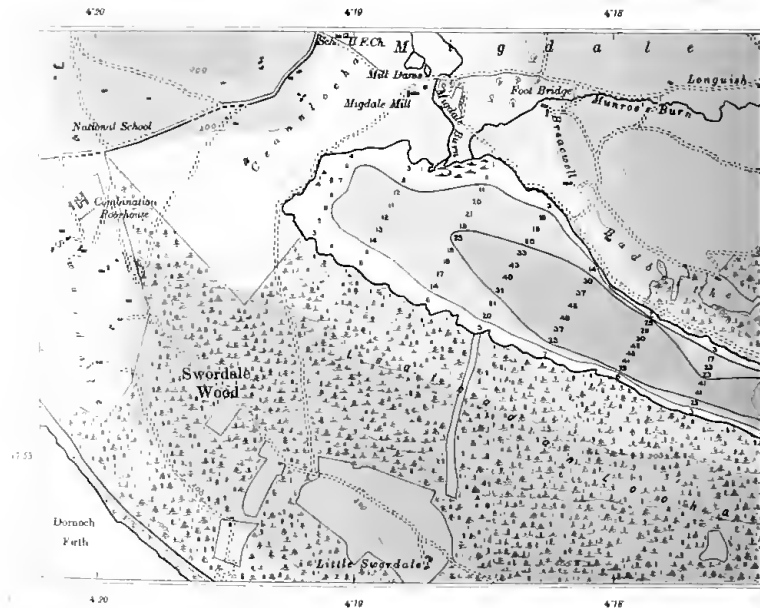
11, 17, 18, 17



HEIGHTS IN FEET
METRES



The Land Contours are from the Ordnance Survey



DEPTHS IN FEET
METRES

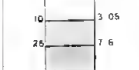
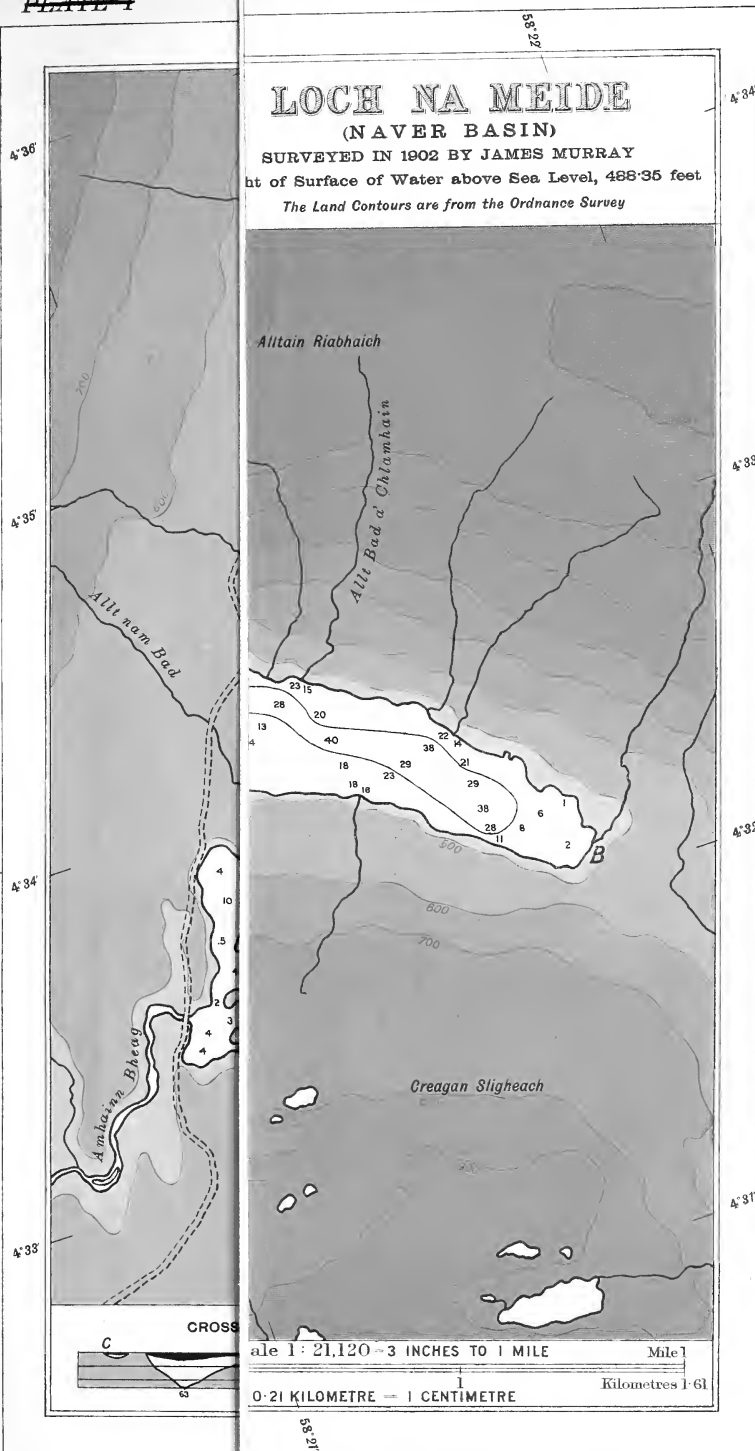


PLATE I

LOCH NA MEIDE (NAVER BASIN)

SURVEYED IN 1902 BY JAMES MURRAY
 ht of Surface of Water above Sea Level, 488·36 feet
 The Land Contours are from the Ordnance Survey



HEIGHTS IN FEET		METRES	
1250	381·1		
1000	304·8		
900	274·3		
800	243·8		
700	213·4		
600	182·9		
500	152·4		

DEPTHS IN FEET		METRES	
25	7·6		
50	15·2		

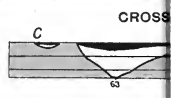
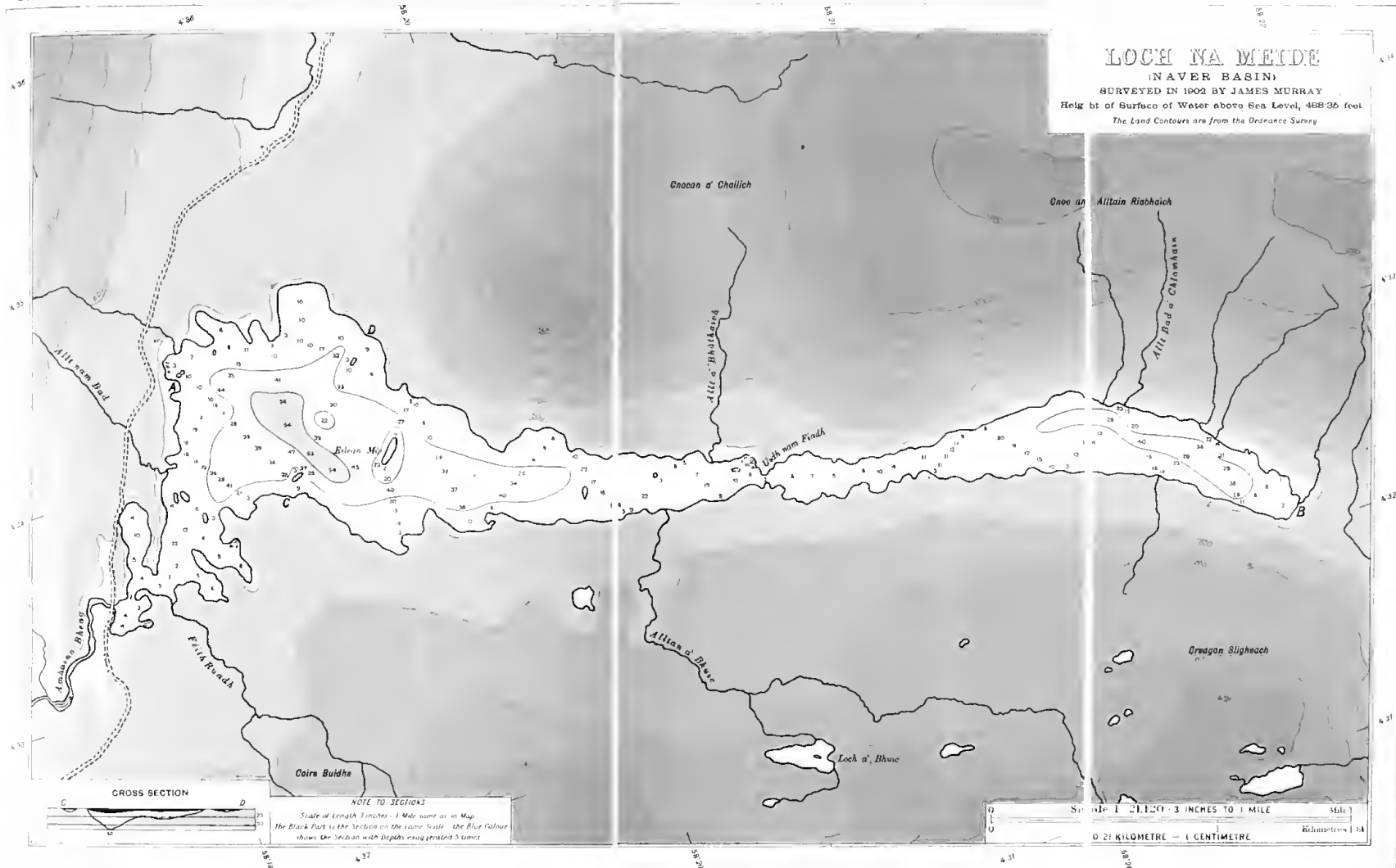


PLATE I



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



-W
F
AUR



OF

BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

LOCH NAVER

(NAVER BASIN)

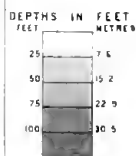
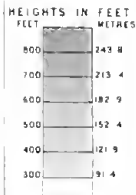
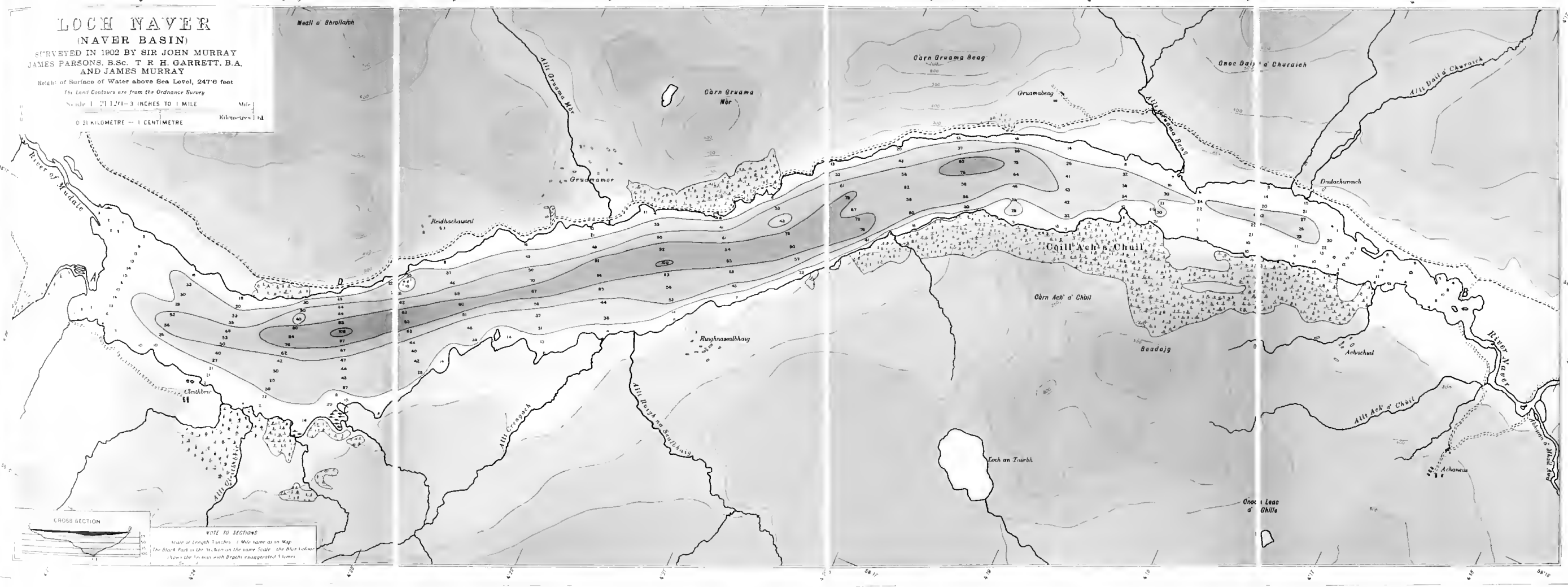
SURVEYED IN 1902 BY SIR JOHN MURRAY
JAMES PARSONS, B.Sc. T. R. H. GARRETT, B.A.
AND JAMES MURRAY

Height of Surface of Water above Sea Level, 247.6 feet

The Land Contours are from the Ordnance Survey

Scale 1/251200 = 3 INCHES TO 1 MILE

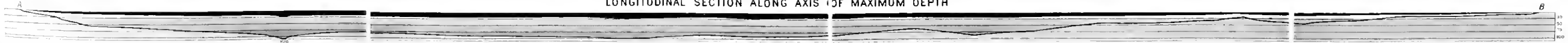
0.21 KILOMETRE = 1 CENTIMETRE



CROSS SECTION

NOTE TO SECTIONS
Scale of Length 1 inch = 700 yds. same as in Map
The Black Part in the Section on the same Scale. The Blue Colour
Shows the Section with Depth exaggerated 5 times.

LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH





R
PU

PLATE III

LOCH
A

T. R. H.
He
Loch Colr'an

4°35'

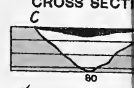


58°12'

4°34'



CROSS SECT



4°33'



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
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THE GEOGRAPHICAL JOURNAL 1906

PLATE III

LOCHS COIR AN FHEARNA AND A' BHEALAICH

(NAVER BASIN)
SURVEYED IN 1902 BY

T. R. E. GARRETT, B.A., AND JAMES PARSONS, B.Sc.

Height of Surface of Water above Sea Level

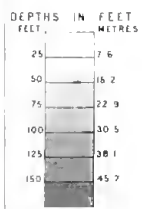
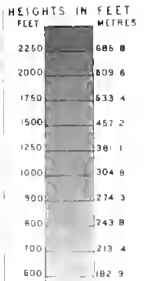
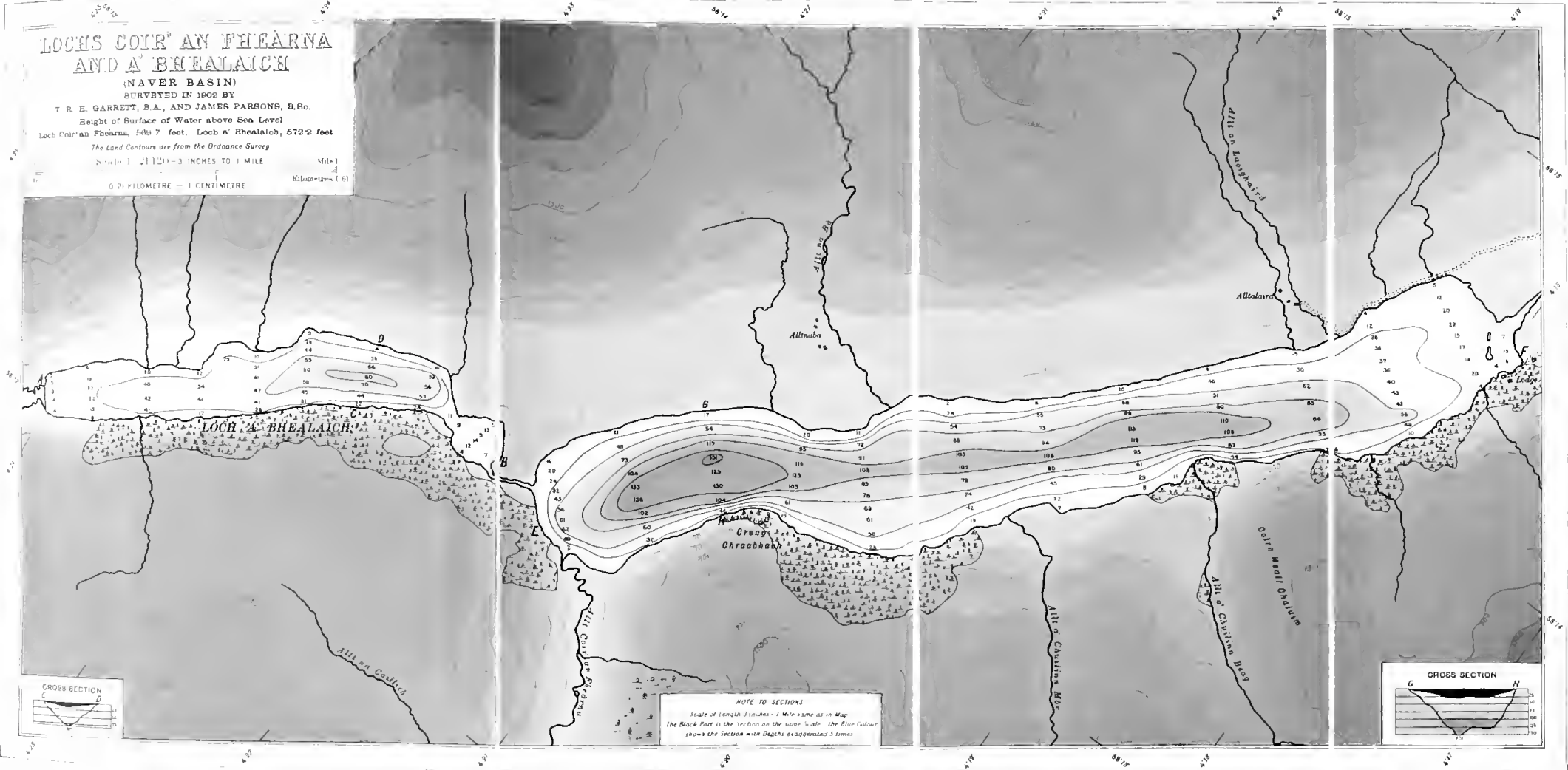
Loch Coir an Fhearna, 445.7 feet. Loch a' Bhealaich, 572.2 feet

The Land Contours are from the Ordnance Survey

Scale 1:21120 = 3 INCHES TO 1 MILE

0.21 KILOMETRE = 1 CENTIMETRE

Edinburgh 1906



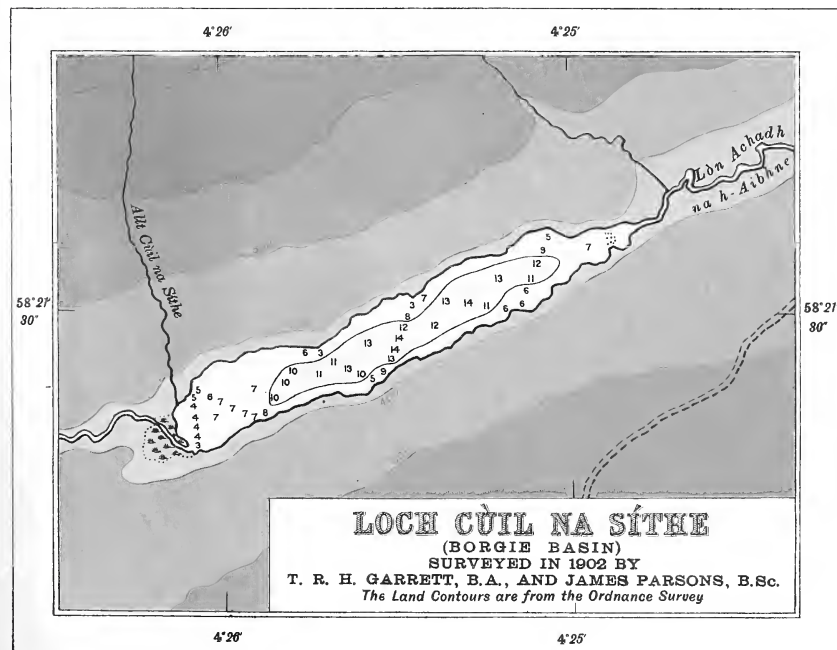
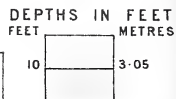
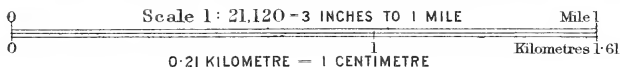
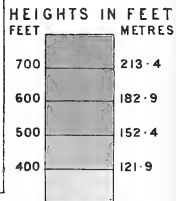
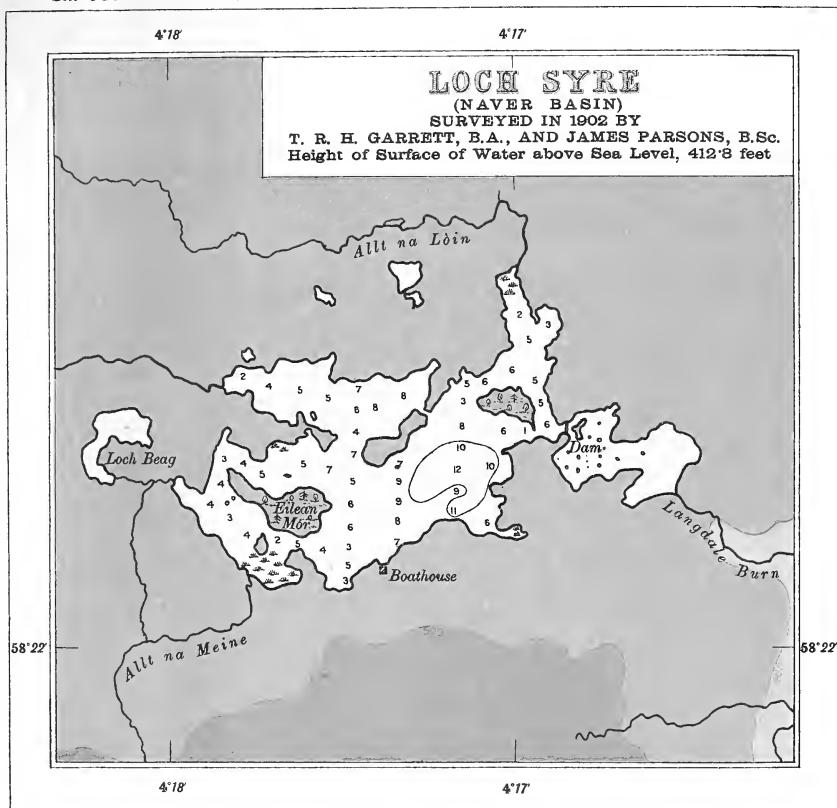
NOTE TO SECTIONS
Scale of Length 3 inches = 1 Mile same as on Map.
The Black Part is the section on the same scale. The Blue Colour shows the section with Depths exaggerated 5 times.

E LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.





THE GEOGRAPHICAL JOURNAL 1906

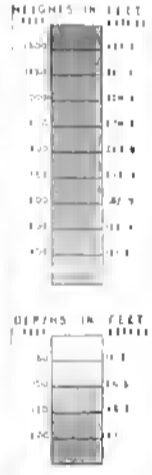
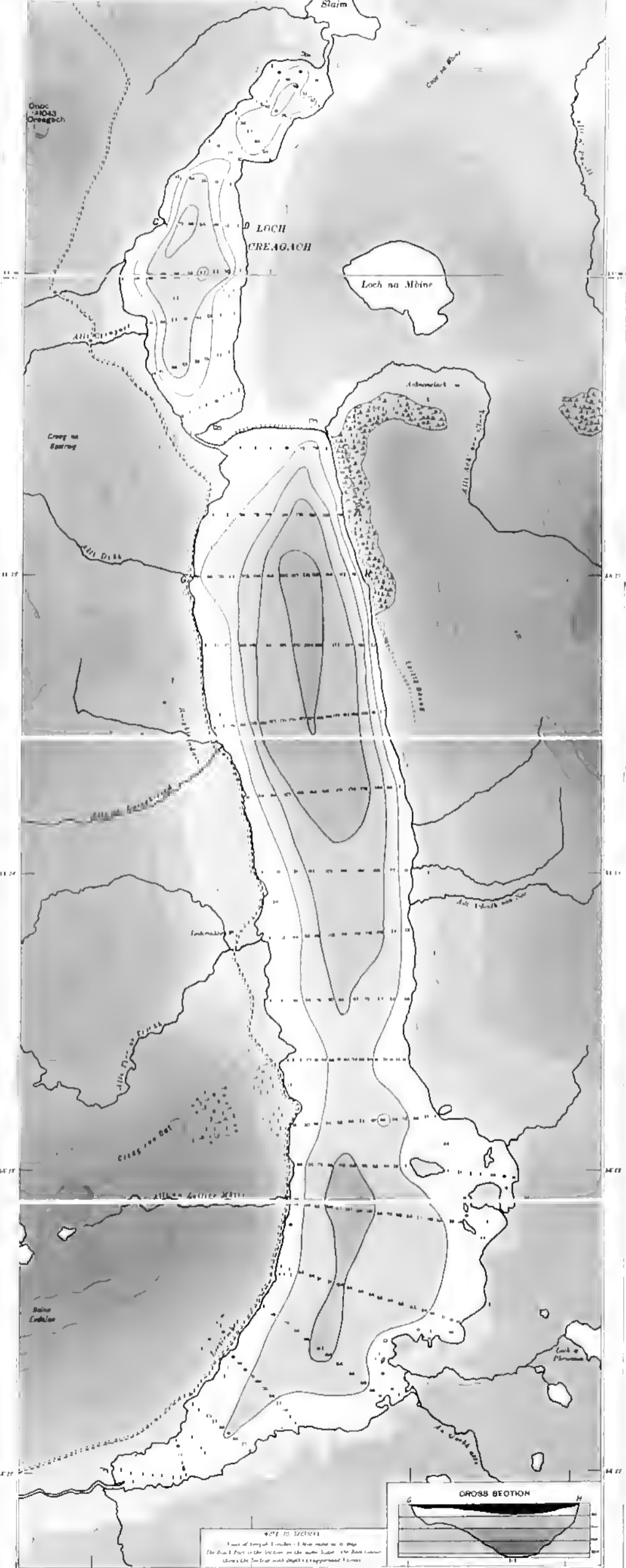
PLATE V

bad

LOCHS LADGHAL AND CREAGACH

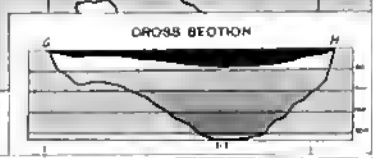
BOGGIE BABIN
 HYDROGRAPHER IN CHIEF BY
 SIR JOHN MURRAY, JAMES FARQUHARSON, D.D.,
 T. H. D. UNWIN, H.A., AND JAMES MURRAY
 (Height of Surface of Water above Sea Level, 5000 Feet)
 Scale 1 : 112,500 (1875) 1 : 56,250 (1881)

0 20 40 METERS — 0 10 20 FATHOMS
 The Level Datum are from the Ordnance Survey



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH

LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



NOTE TO SECTION
 Lines of equal level are 10 feet apart in the map.
 The first part of the section on the same scale as the map shows the form of the basin and depth is approximately 10 feet.



PLATE

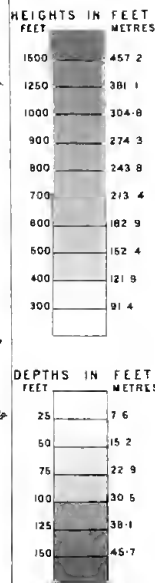
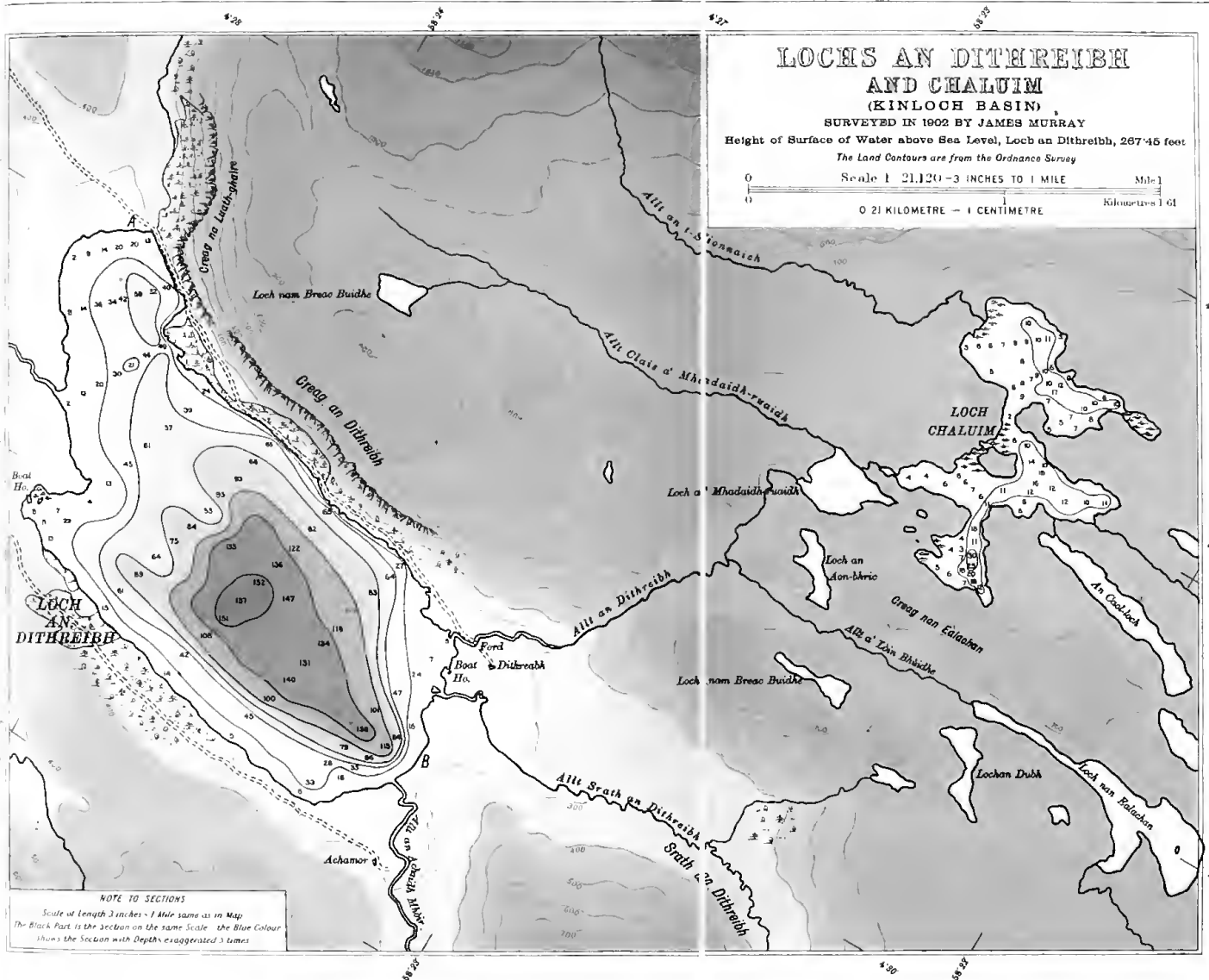
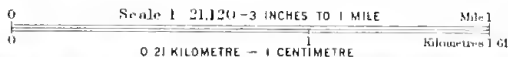


The Edinburgh

PLATE 17

LOCHS AN DITHREIBH
AND CHALUIM
(KINLOCH BASIN)

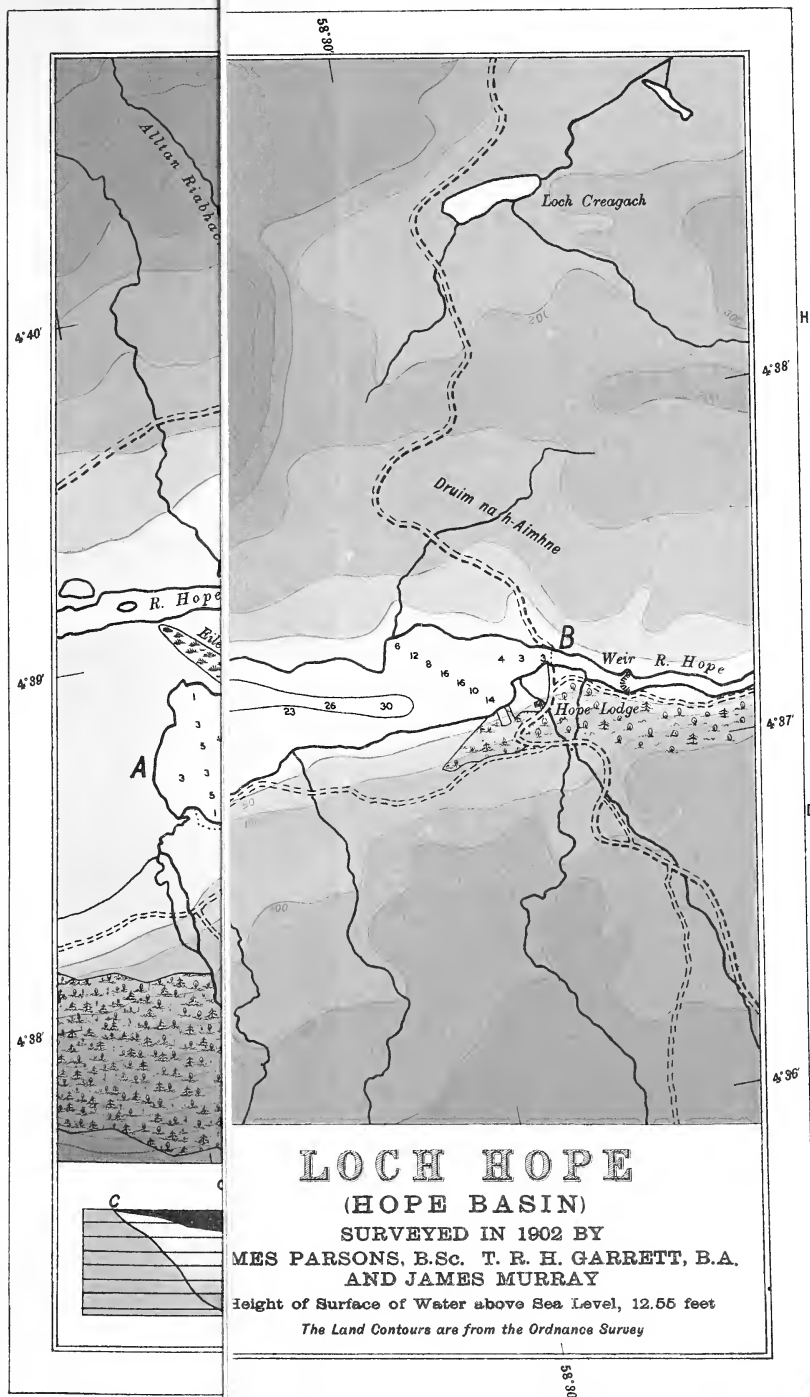
SURVEYED IN 1902 BY JAMES MURRAY
Height of Surface of Water above Sea Level, Loch an Dithreabh, 267.45 feet
The Land Contours are from the Ordnance Survey



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH







HEIGHTS IN FEET

FEET	METRES
1000	304.8
900	274.3
800	243.8
700	213.4
600	182.9
500	152.4
400	121.9
300	91.4
200	61
100	30.5
50	15.2

DEPTHS IN FEET

FEET	METRES
25	7.6
50	15.2
75	22.9
100	30.5
125	38.1
150	45.7
175	53.4

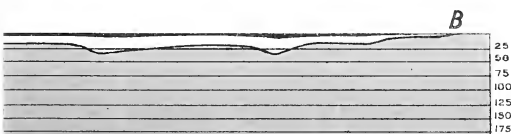
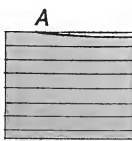
LOCH HOPE

(HOPE BASIN)

SURVEYED IN 1902 BY
 MES PARSONS, B.Sc. T. R. H. GARRETT, B.A.
 AND JAMES MURRAY

Height of Surface of Water above Sea Level, 12.55 feet

The Land Contours are from the Ordnance Survey

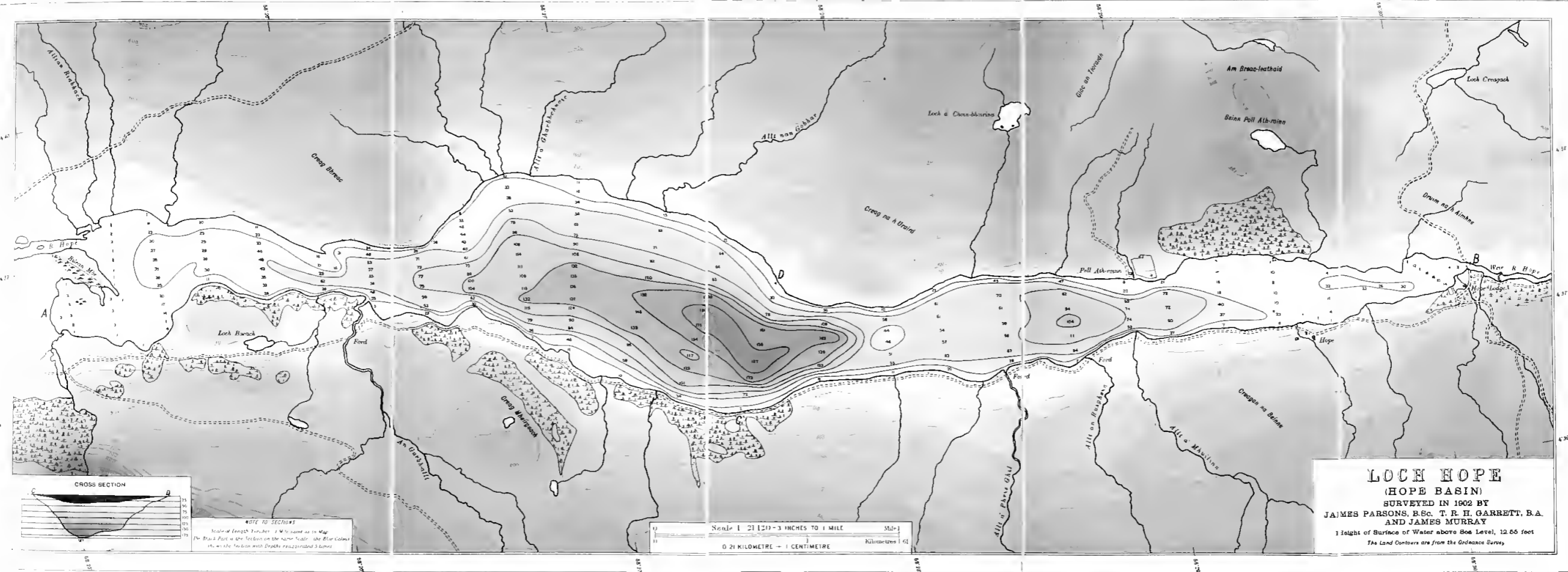


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

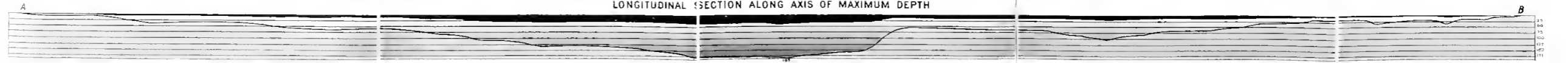
UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

THE GEOGRAPHICAL JOURNAL 1906

PLATE LVII



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



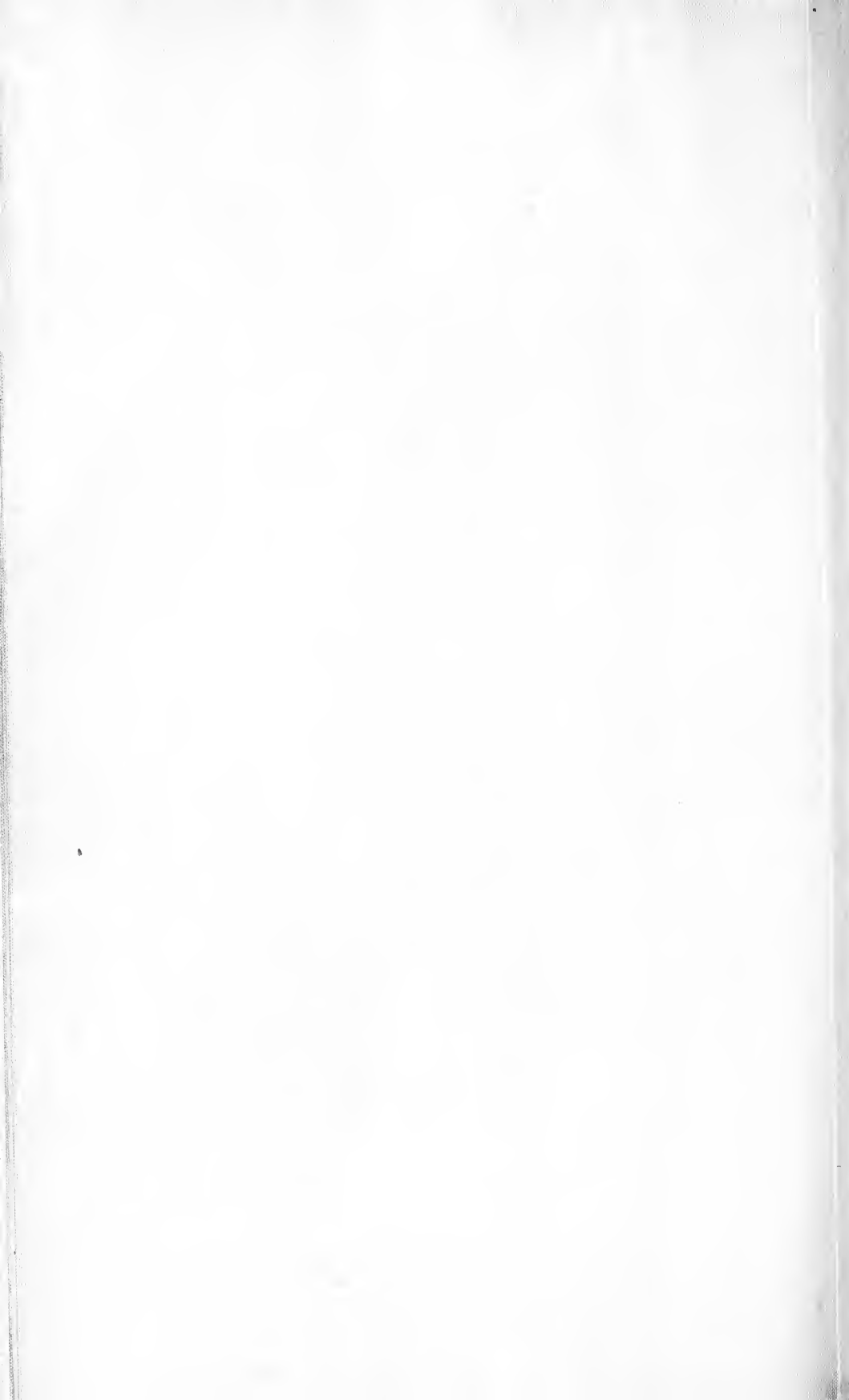
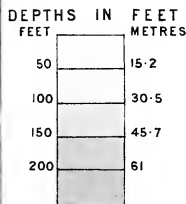
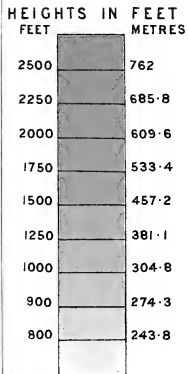
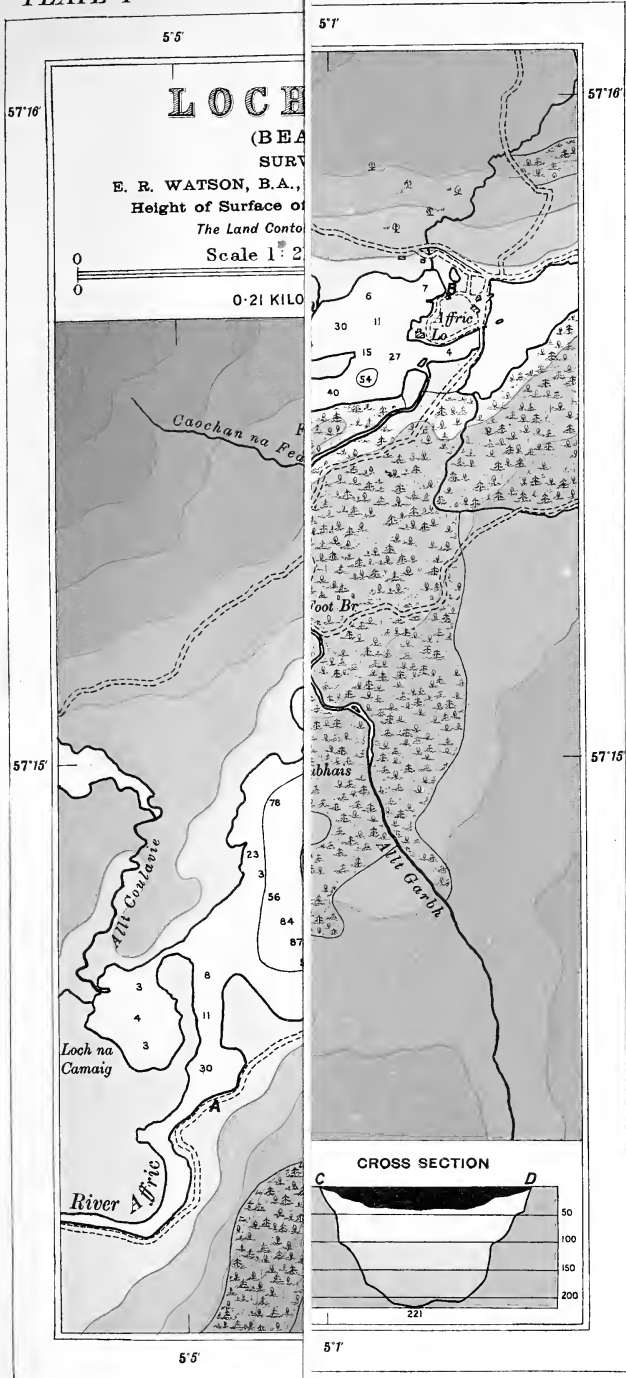
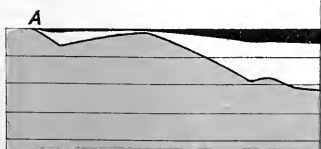
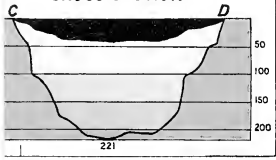
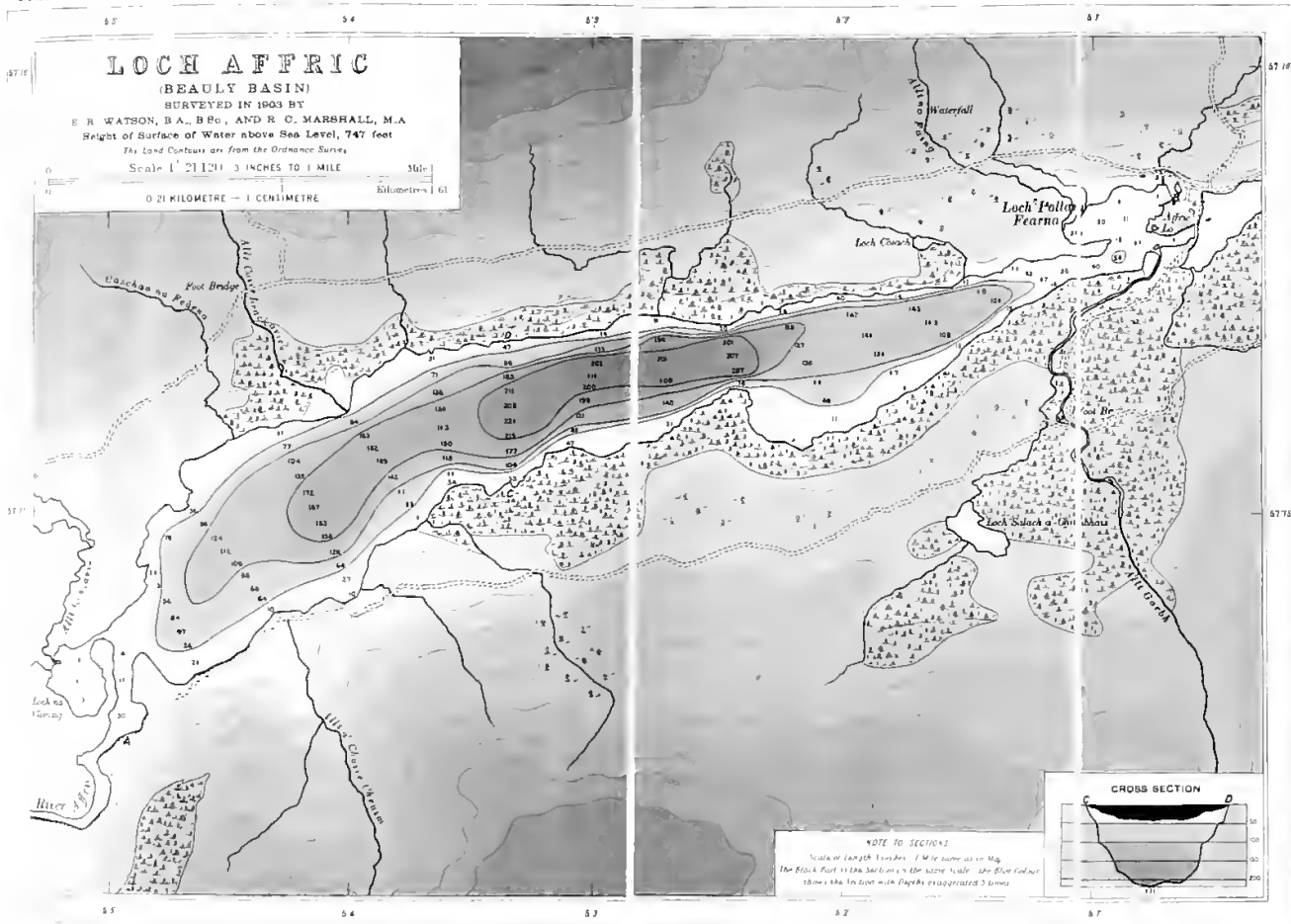


PLATE I



CROSS SECTION





LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH

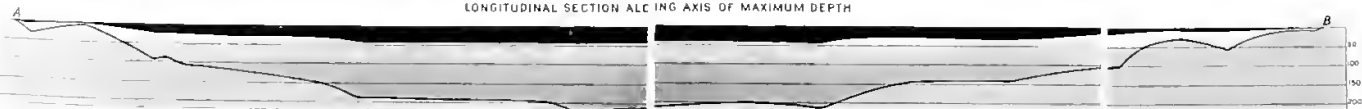
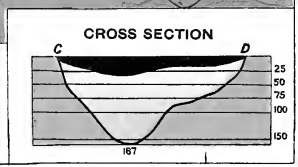
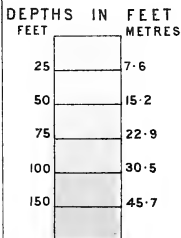
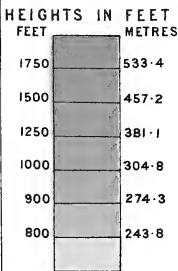
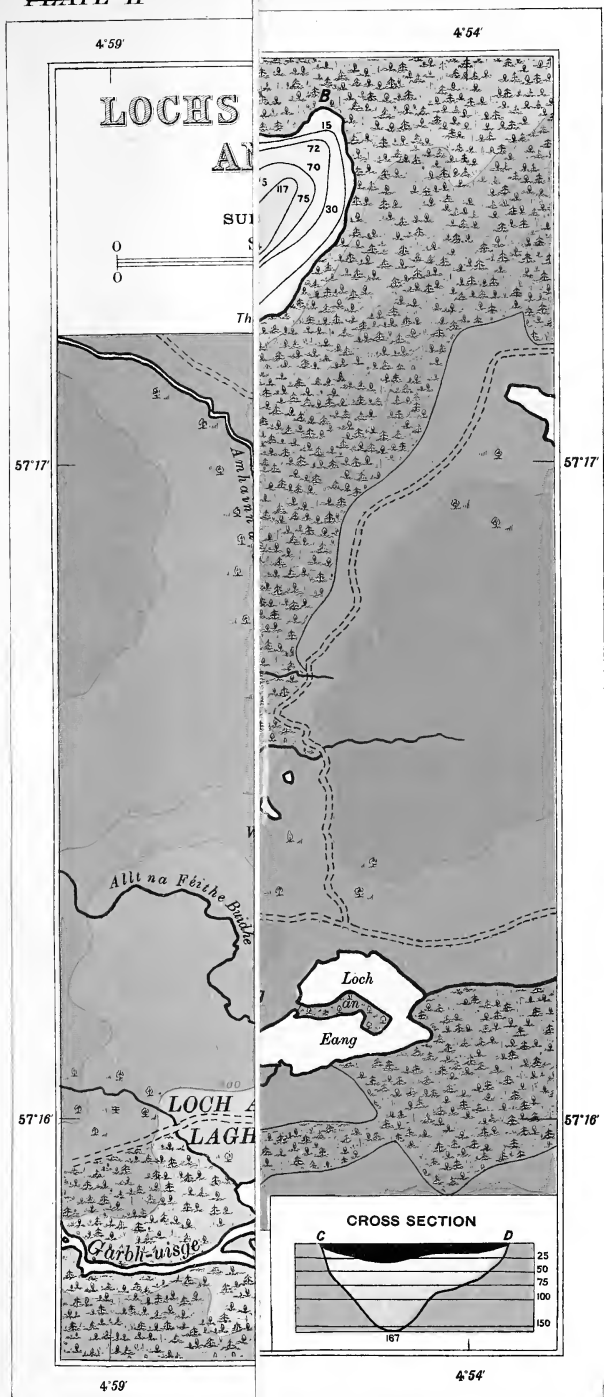


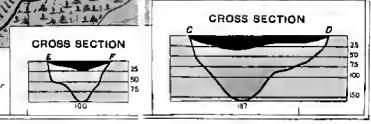
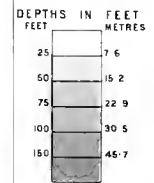
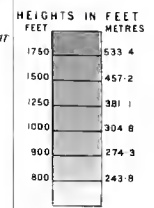
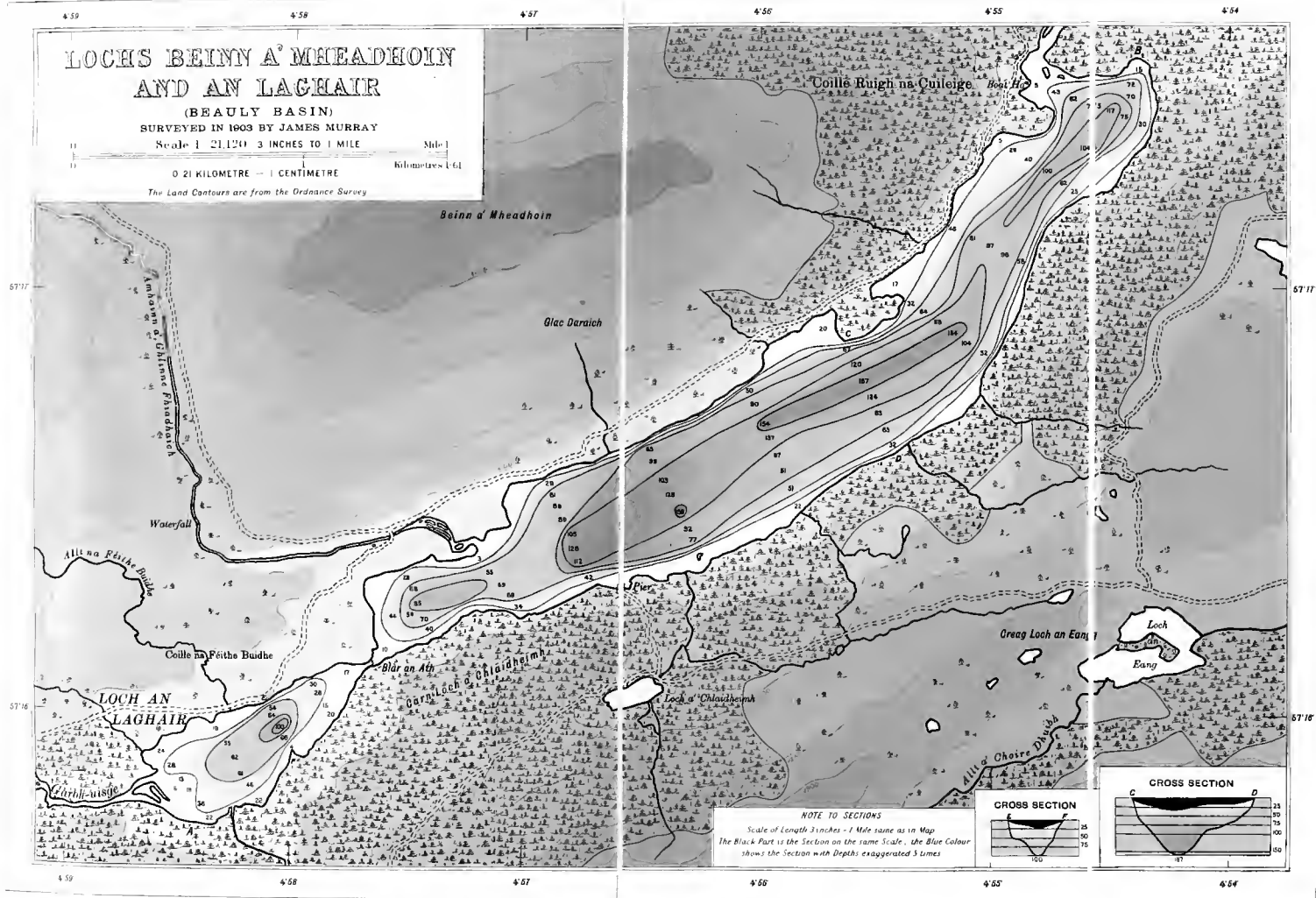


PLATE II



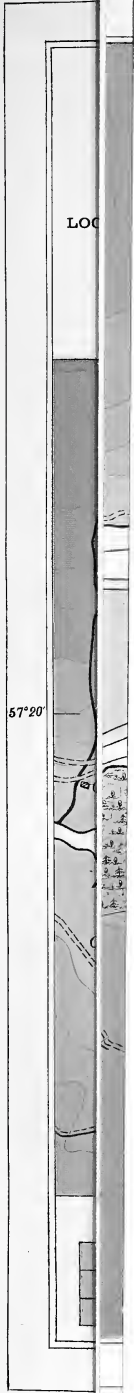
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND
UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE II



V.

PLATE RE



LOC

57°20'

M.

BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE III

LOCHS MULLARDOCH AND SEALBHAG (BEAULY BASIN)

(BEAULY BASIN)

SURVEYED IN 1903

LOCH MULLARDOCH BY R O MARSHALL, M.A., AND JAMES MURRAY

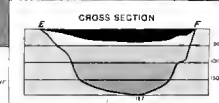
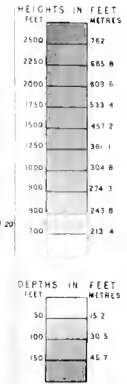
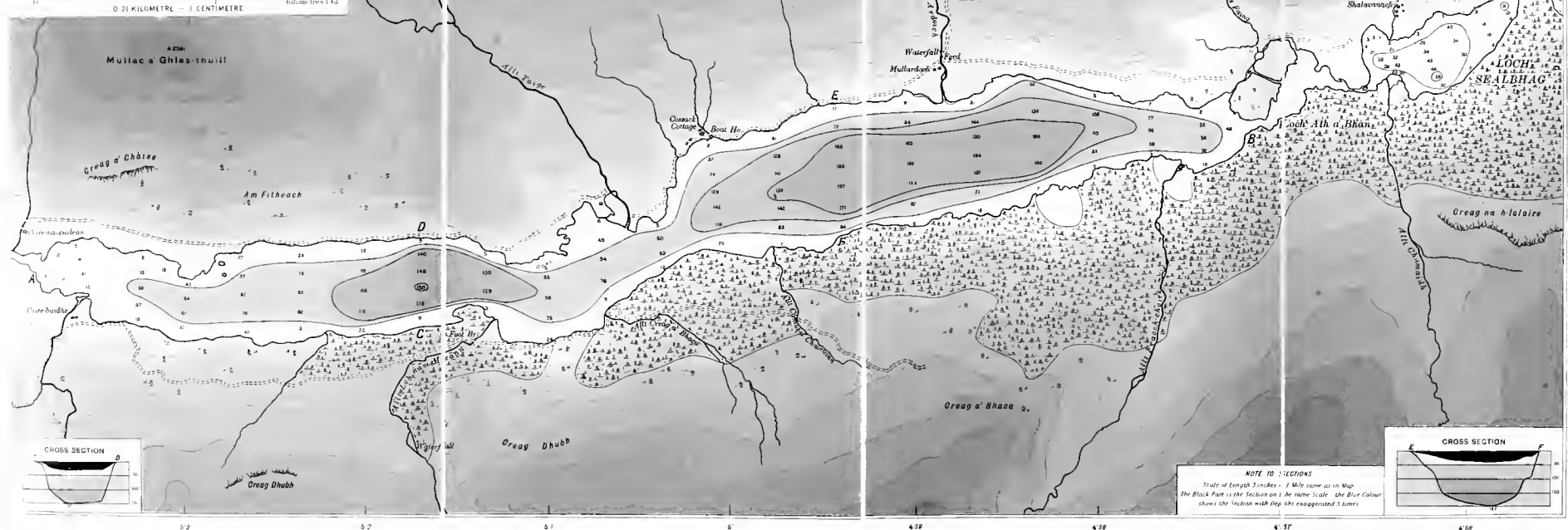
LOCH SEALBHAG BY R O MARSHALL, M.A.

The Land Contours are from the Ordnance Survey

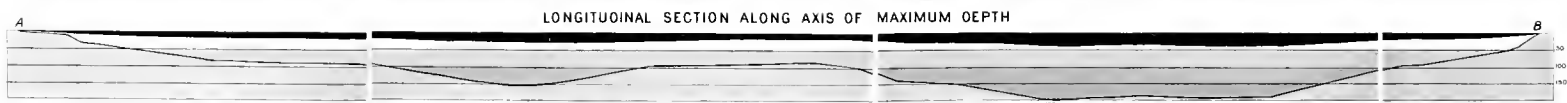
Scale 1:21,120 3 INCHES TO 1 MILE

Vertical

0.21 KILOMETRE = 1 CENTIMETRE

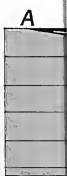


NOTE TO SECTIONS
Scale of Length 3 inches = 1 Mile same as on Map
The Black Part is the Section on 1 the same Scale the Blue Colour shows the Section with the exaggerated 3 Lines



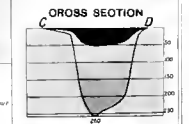
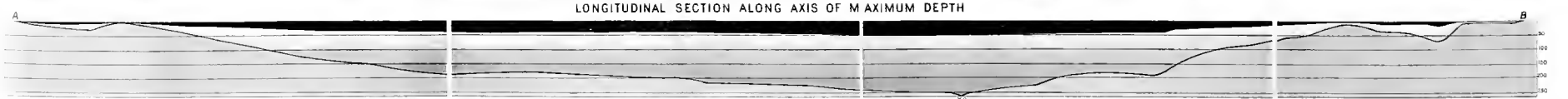
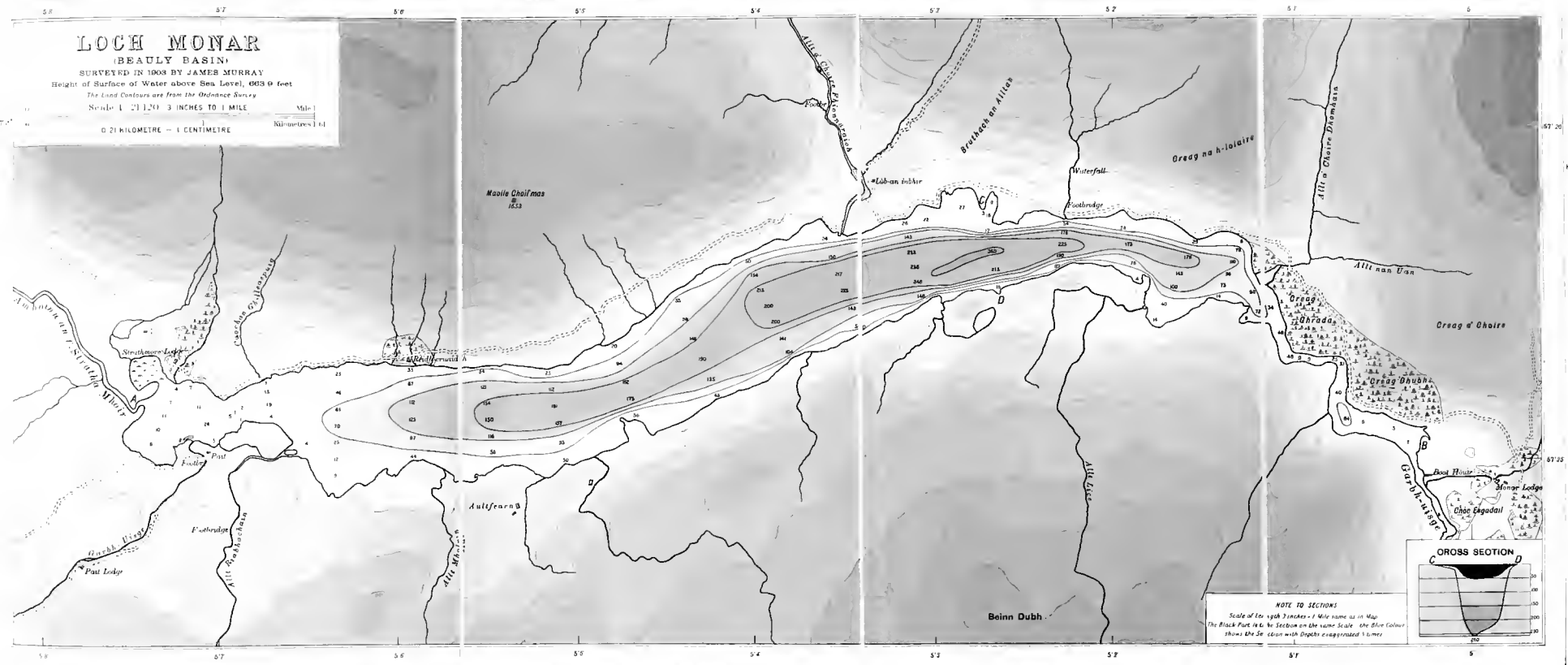


~~PLATE V~~



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

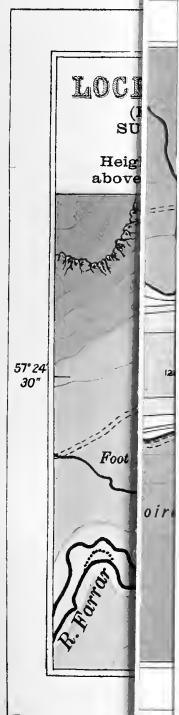
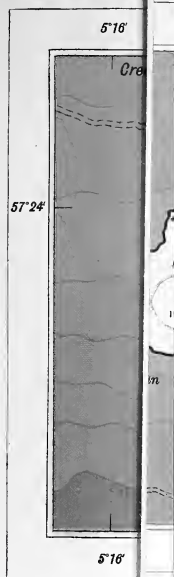
UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



NOTE TO SECTIONS
Scale of the graph 3 inches = 1 Mile same as in Map
The Black Part in the Section on the same scale. See Blue Colour
Sheet for the colour with depth corresponding to same



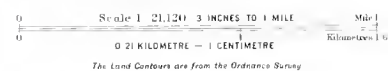
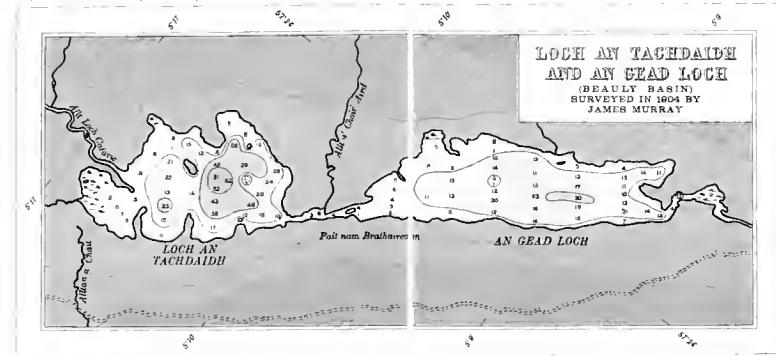
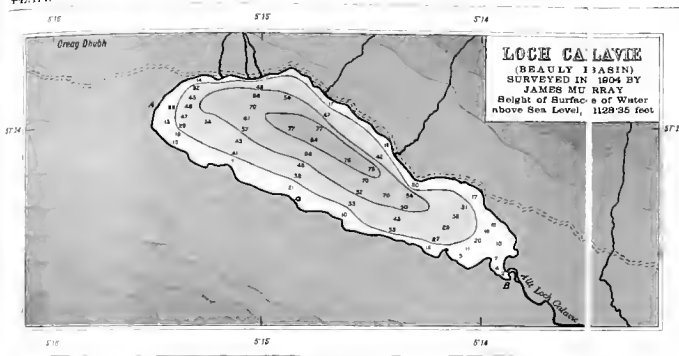
PLATE V



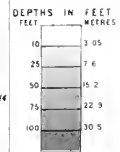
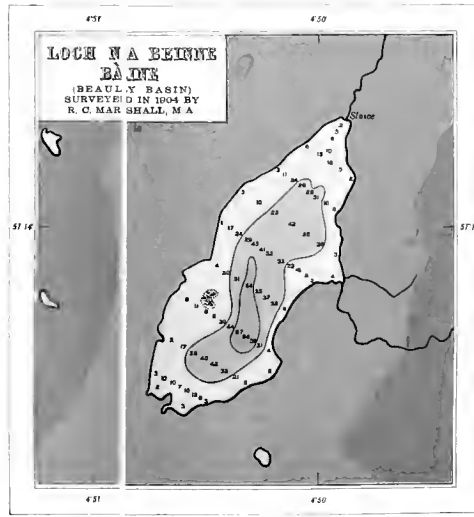
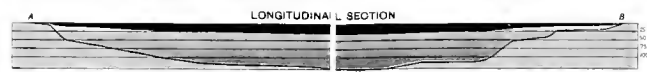
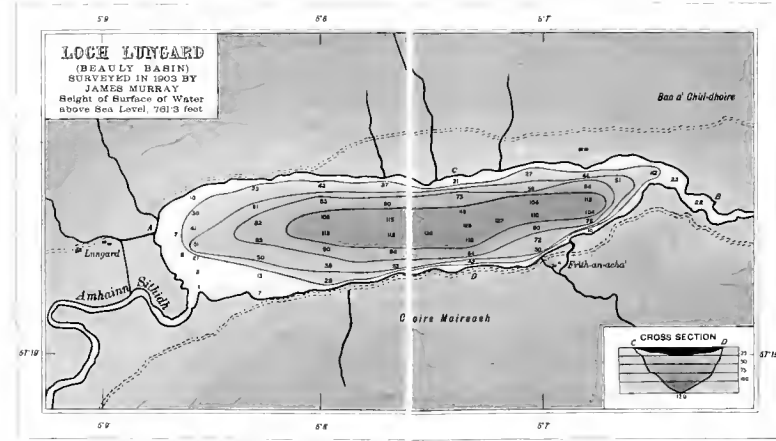
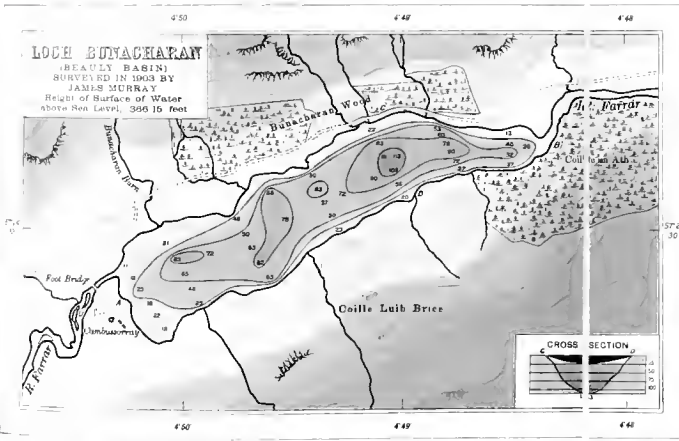
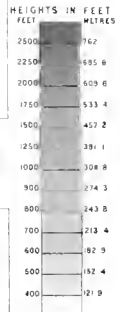
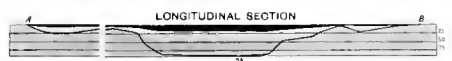
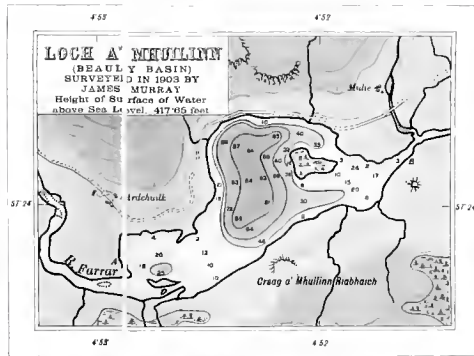
BATHY METRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



NOTE TO SECTIONS
Scale of length 3 inches = 1 mile same as on Map.
The Black Part of the Section on the same scale, the Blue Colour shows the Section with Depth exaggerated 3 times.



PLATE

LOCH LOCHY

(LOCHY BASIN)

SURVEYED IN 1903 BY

R. JOHN MURRAY, DR T. N. JOHNSTON,
B. YOUNG, B.Sc., R. C. MARSHALL, M.A.,
AND E. M. WEDDERBURN, M.A.

Height of Surface of Water above Sea Level, 94.24 feet

The Land Contours are from the Ordnance Survey

Scale 1: 21,120 3 INCHES TO 1 MILE

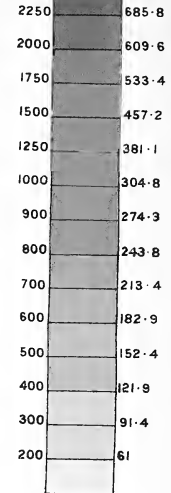
Mile

0.21 KILOMETRE — 1 CENTIMETRE

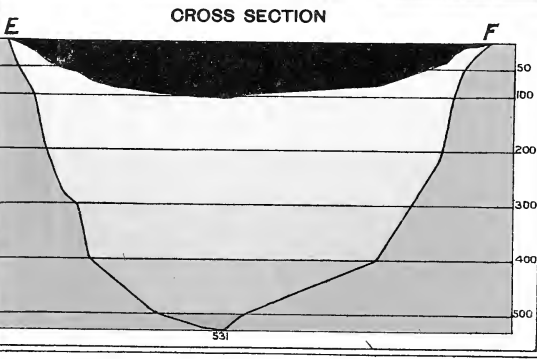
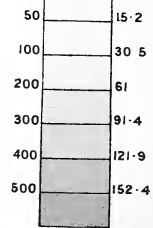
Kilometres 1:61



HEIGHTS IN FEET
FEET METRES

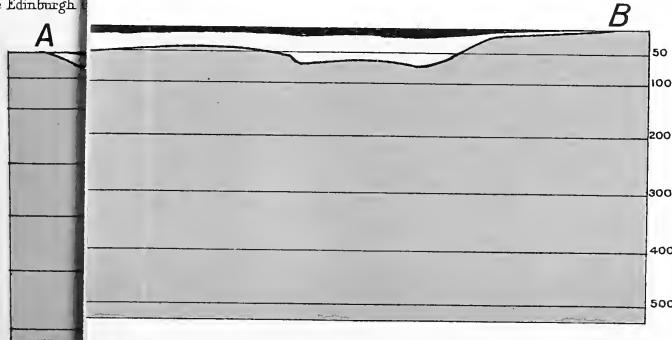


DEPTHS IN FEET
FEET METRES



J. G. Bartholomew.

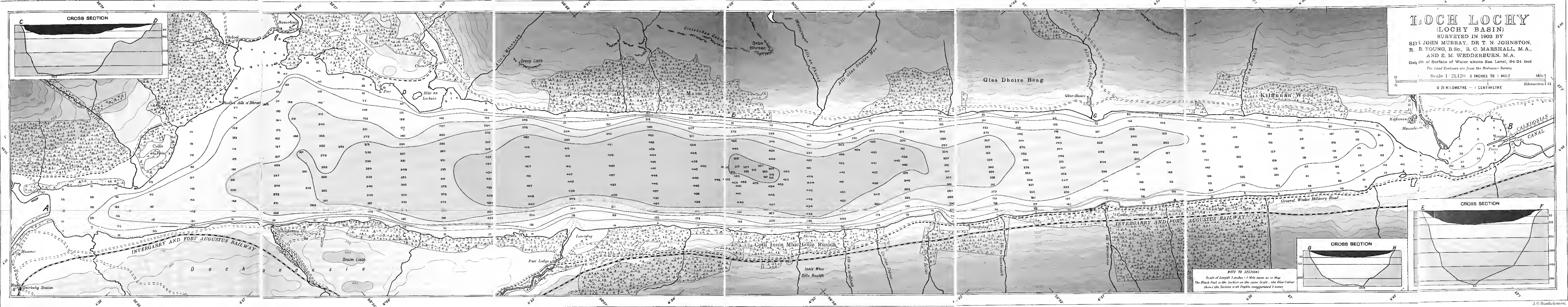
The Edinburgh



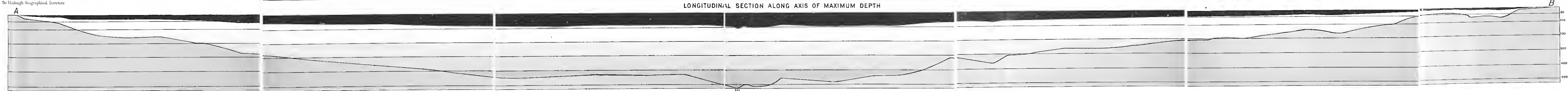
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE I

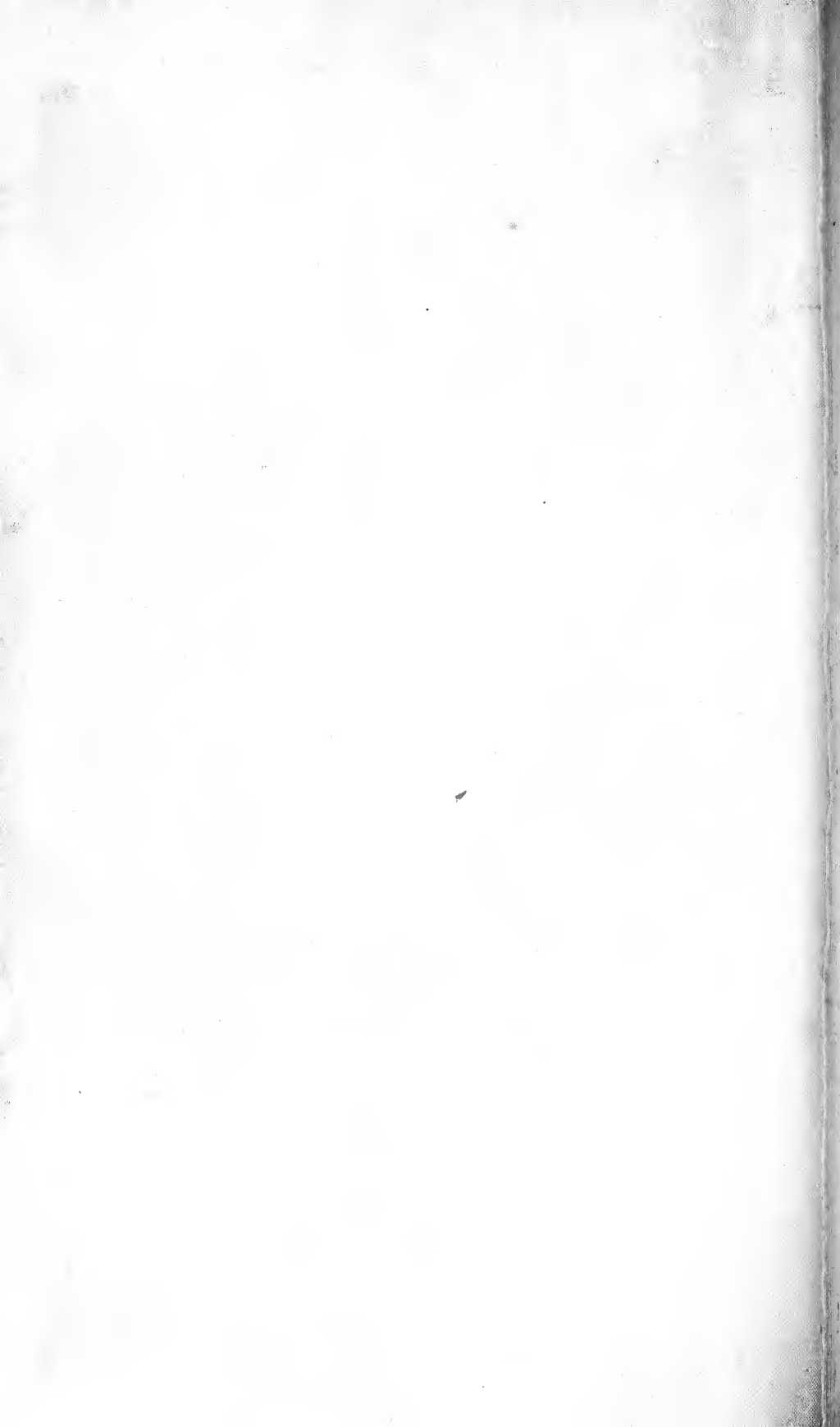


LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



The Edinburgh Geographical Institute

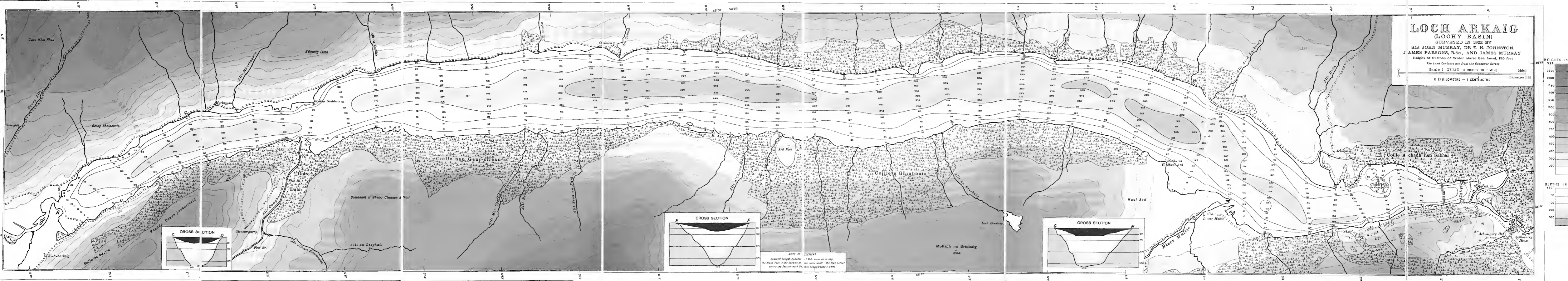
J. G. Burdett



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE II



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH

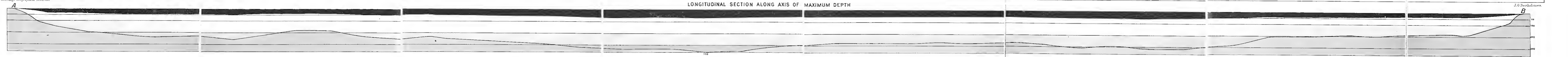
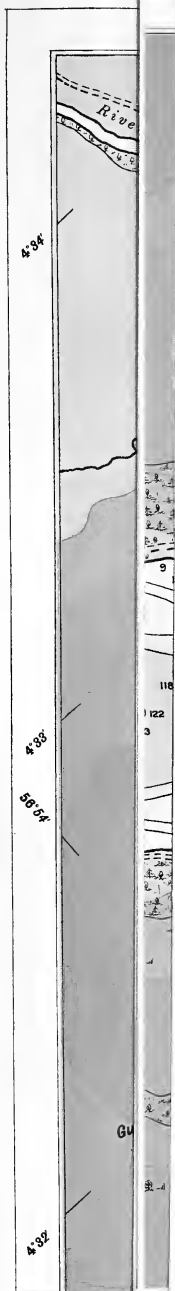




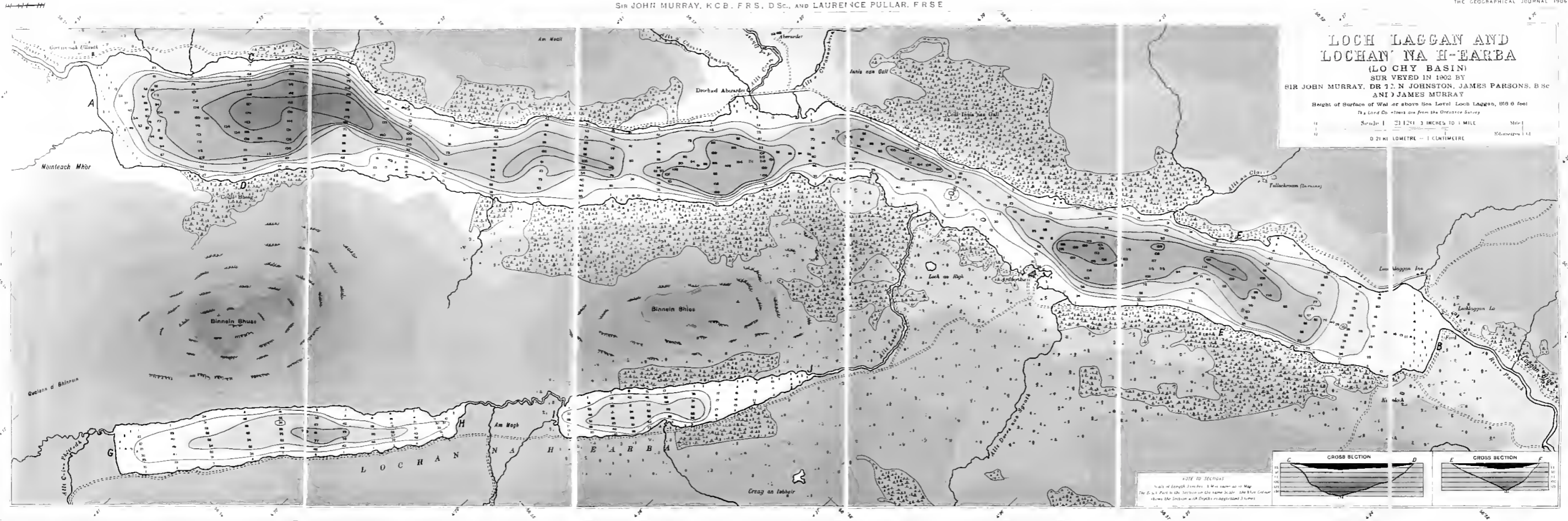
PLATE I



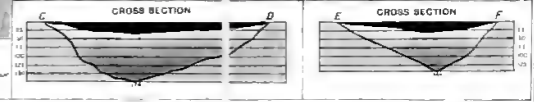
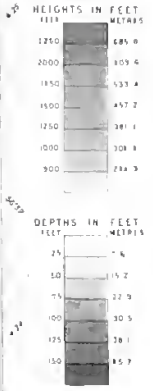
BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

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THE GEOGRAPHICAL JOURNAL 1905



**LOCH LAGGAN AND
LOCHAN NA H-EARBA**
(LOCHY BASIN)
SURVEYED IN 1902 BY
SIR JOHN MURRAY, DR J. N. JOHNSTON, JAMES PARSONS, B.Sc.
AND JAMES MURRAY
Height of Surface of Water above Sea Level, Loch Laggan, 616.0 feet
To Lord Co. Notes are from the Ordnance Survey
Scale 1:25,000
0.25 KILOMETRE — 1 CENTIMETRE



NOTE TO SECTION
Scale of depth 1:50,000. 1 Metre shown on Map
The 1:50,000 Scale in the Section on the same scale. The Blue Colour
shows the Section with Depth in exaggerated 3 times.

LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH

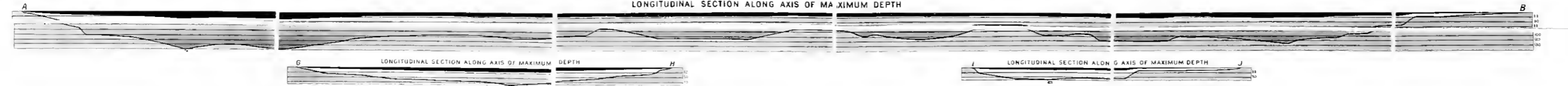
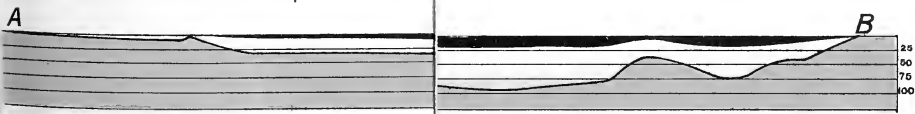
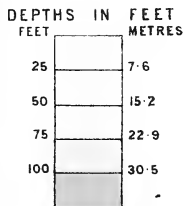
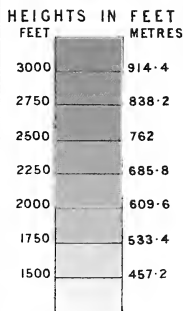
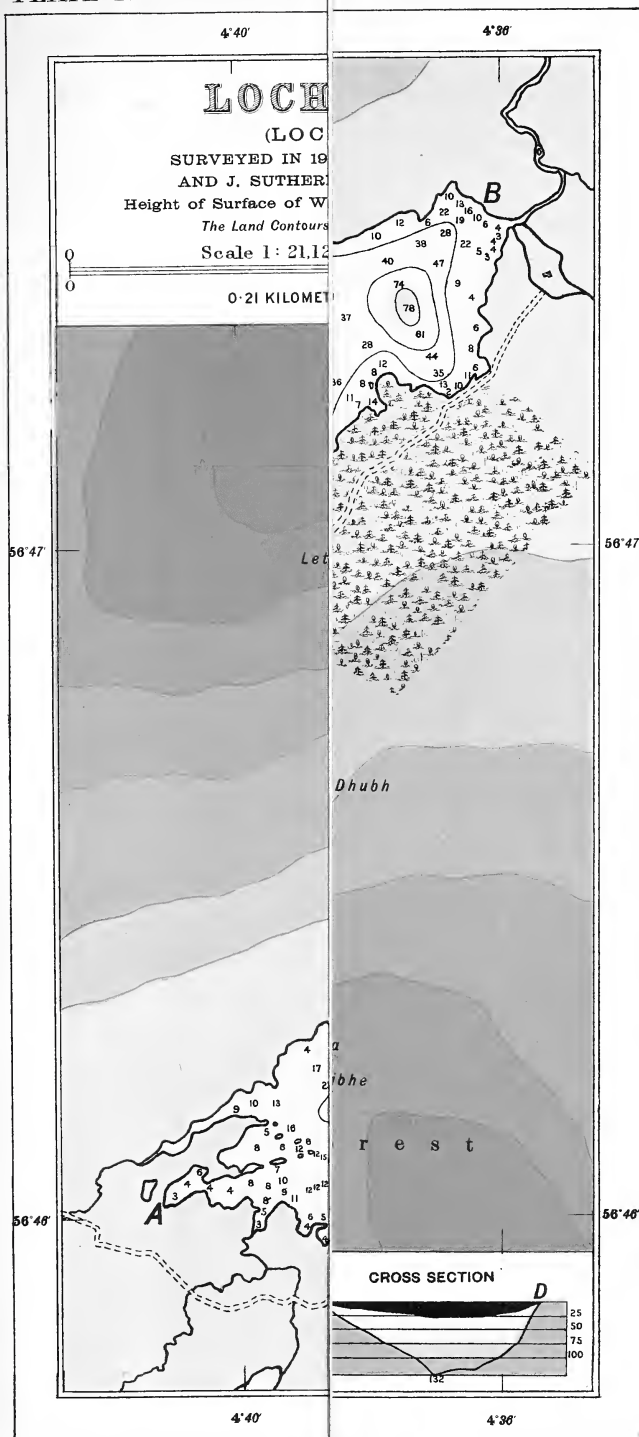


PLATE IV

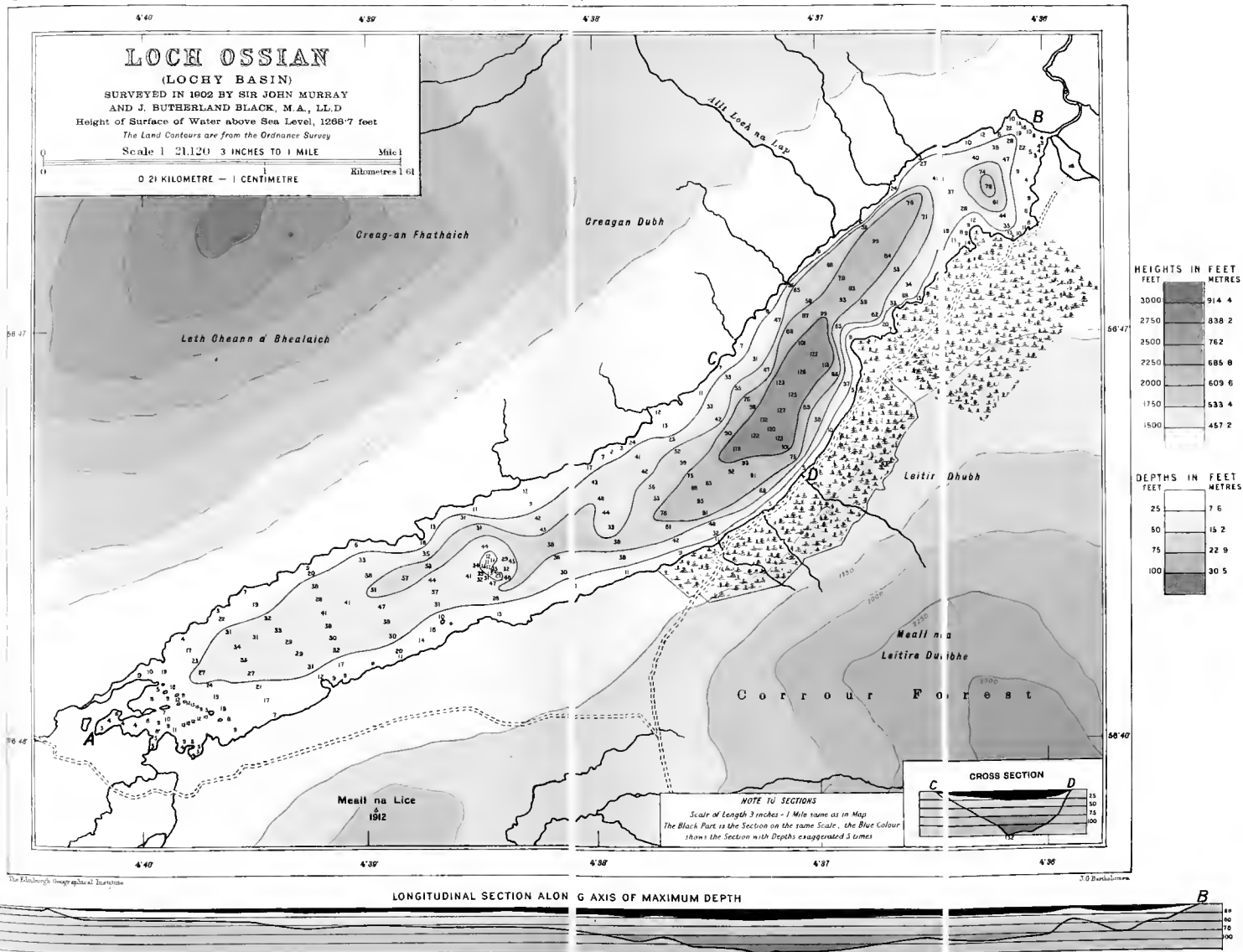


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

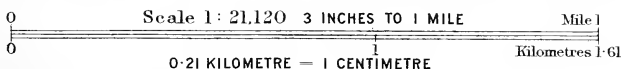
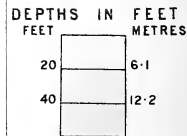
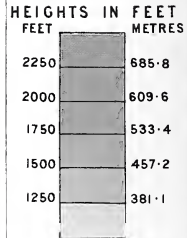
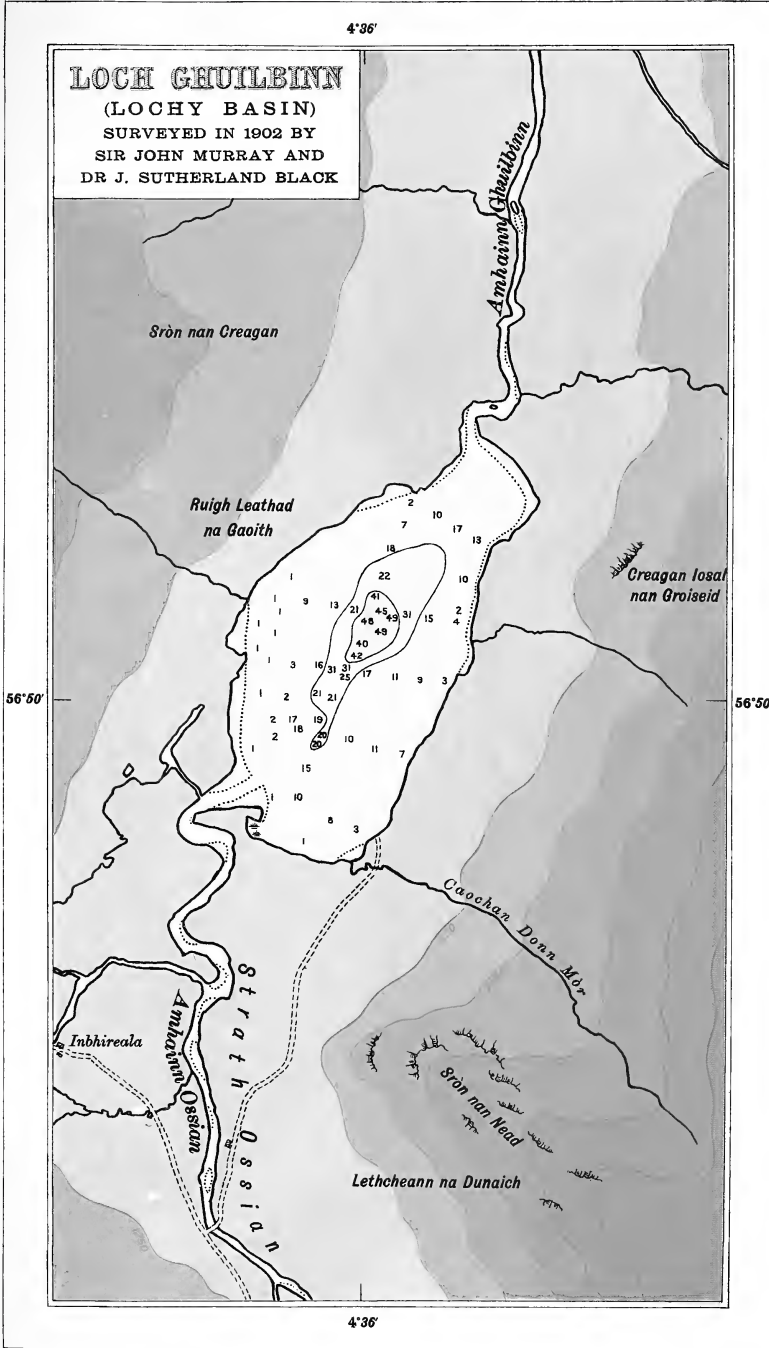
SIR JOHN MURRAY, K.C.B., F.R.S. D.S.C., AND LAURENCE PULLAR, F.R.S.E.

PLATE IV

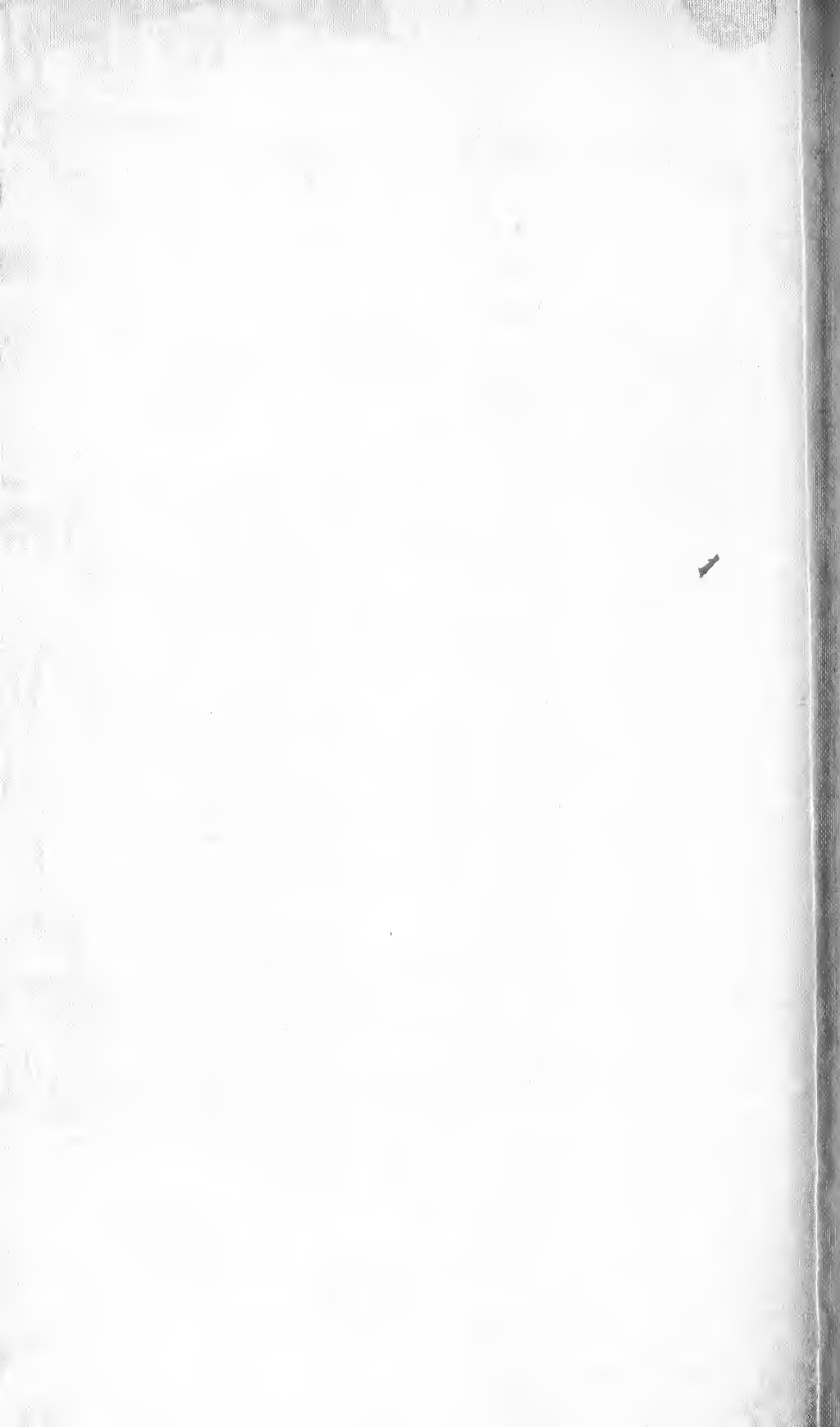




BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND
UNDER THE DIRECTION OF
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The Land Contours are from the Ordnance Survey



P

4'46"

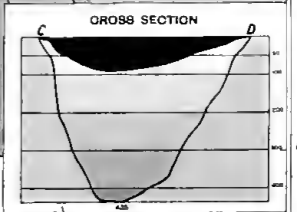
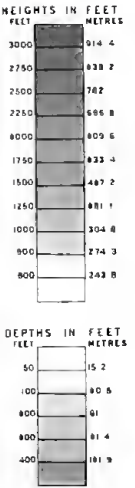
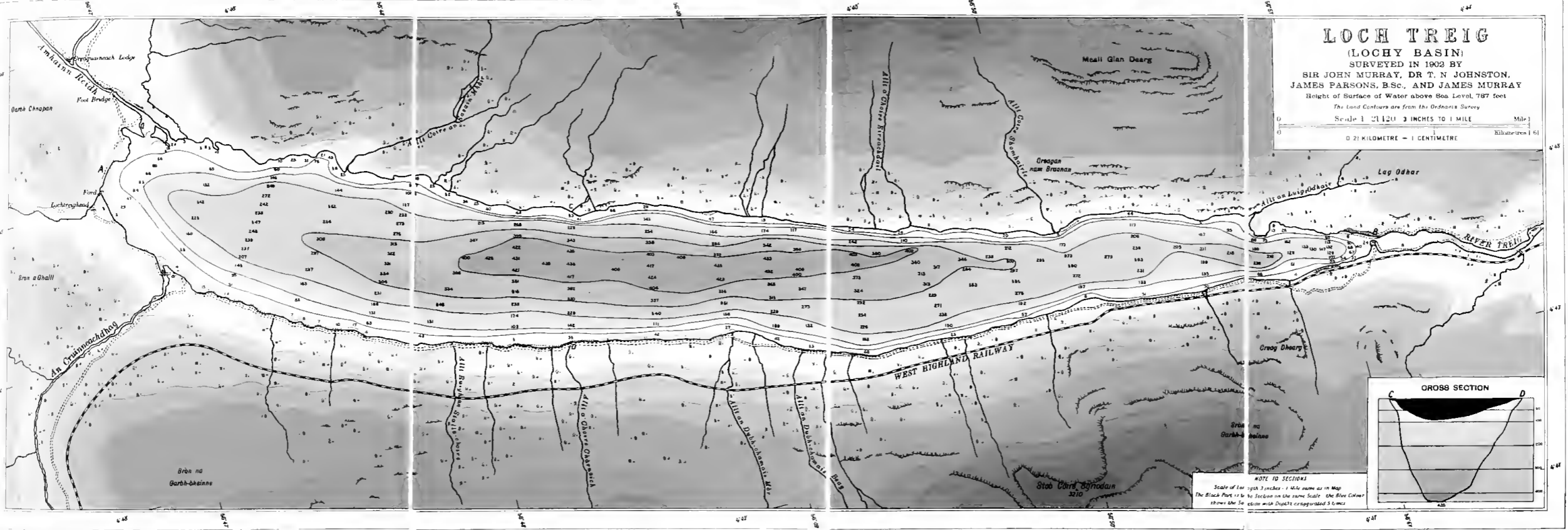
4'48"

4'44"

The

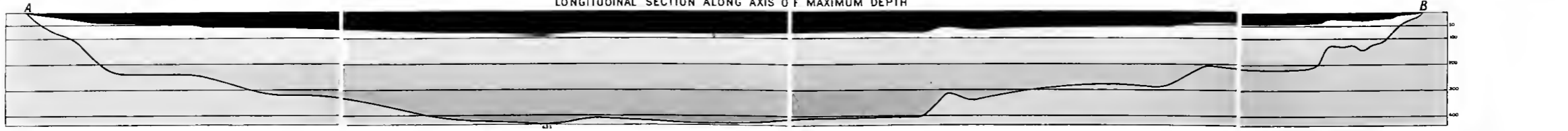
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LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



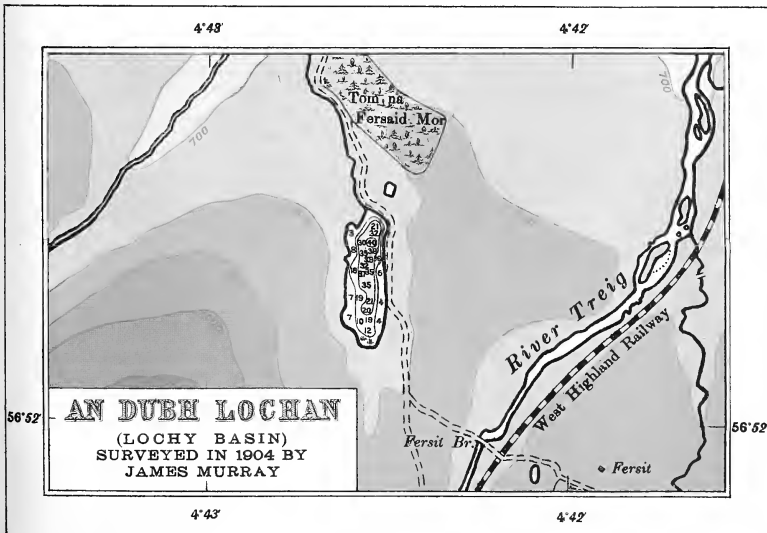
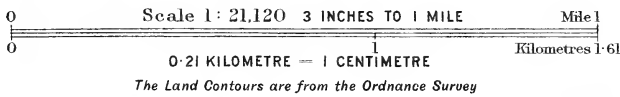
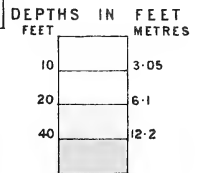
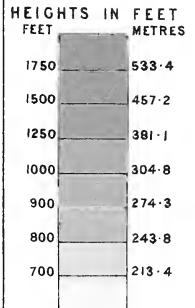
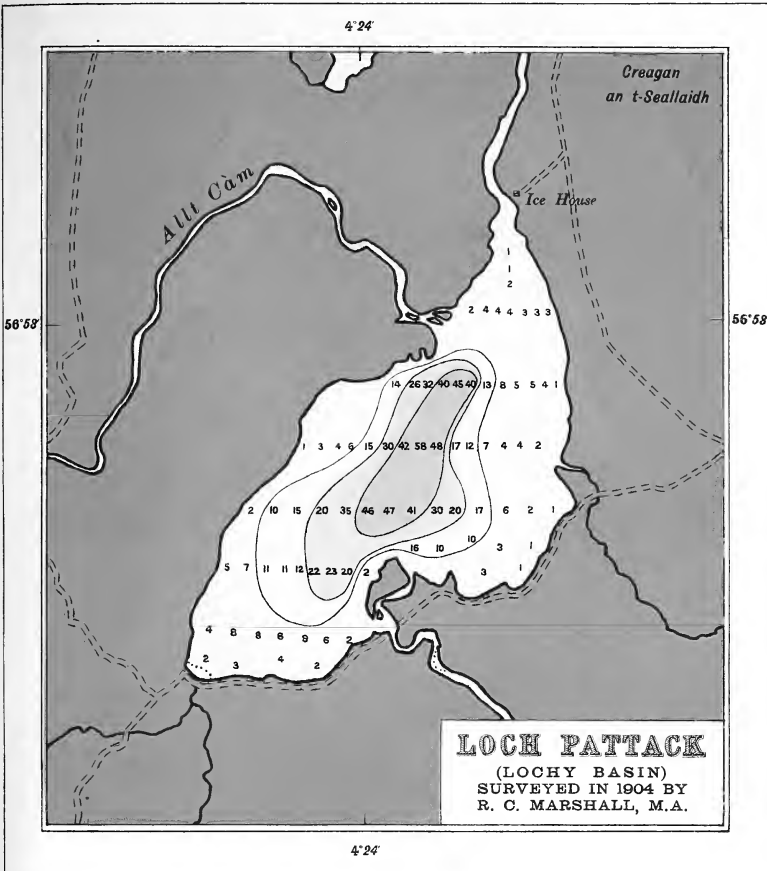
J. G. Bartholomew



BATHYMETRICAL SURVEY OF THE LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

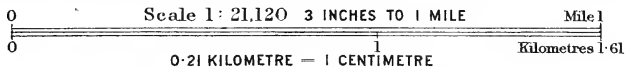
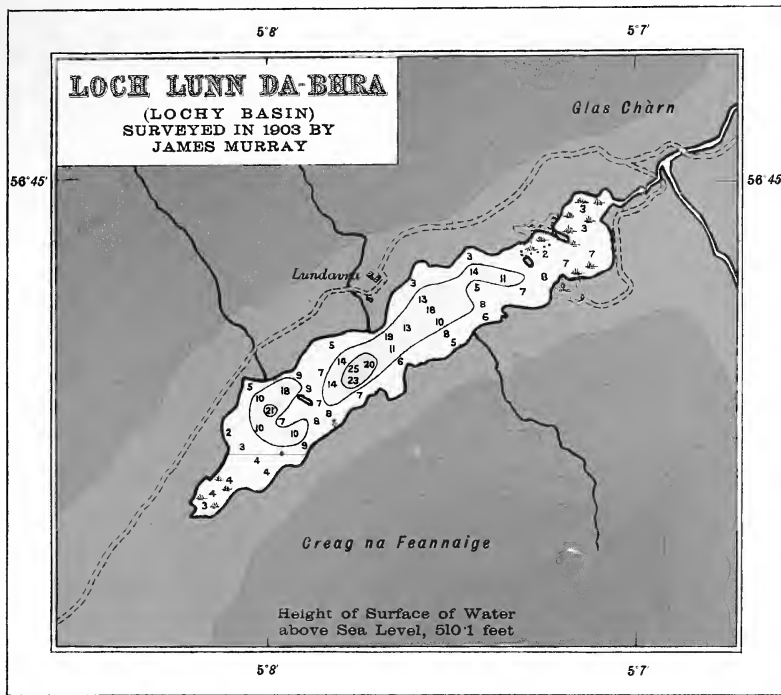




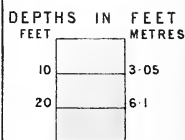
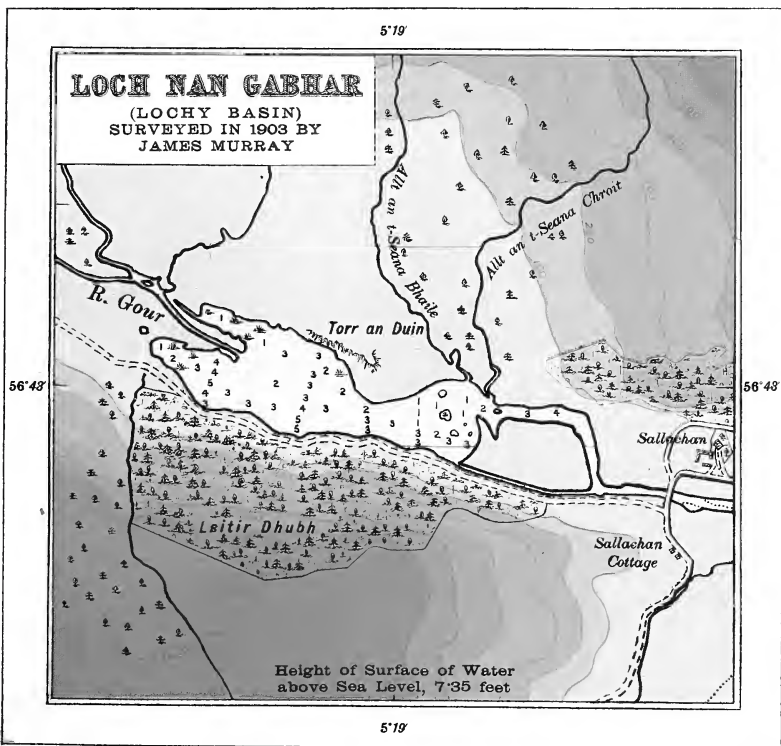
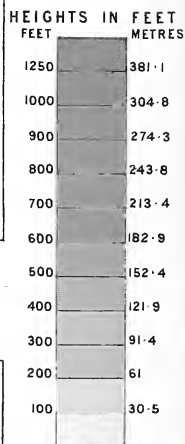
BATHYMETRICAL SURVEY OF THE LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

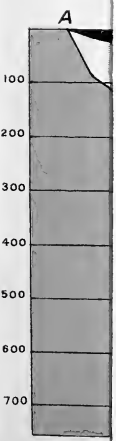
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



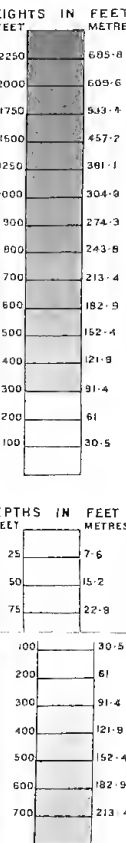
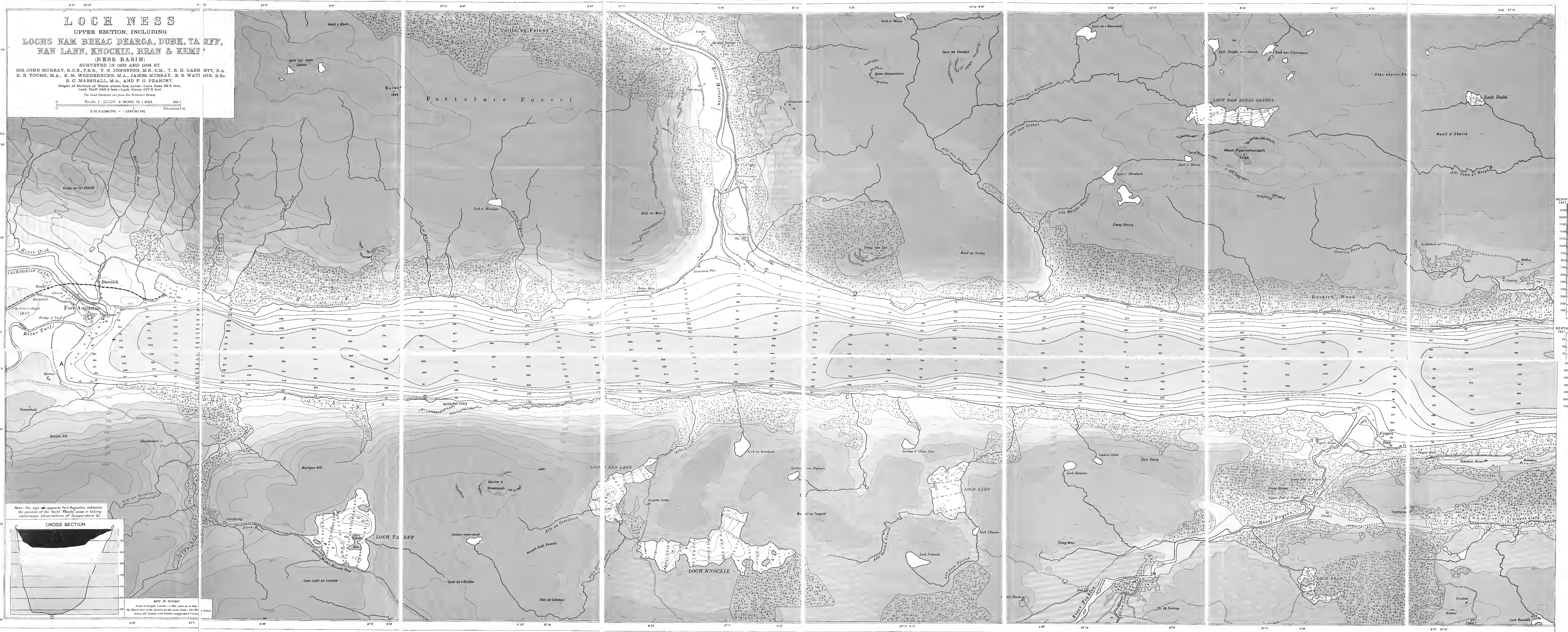
The Land Contours are from the Ordnance Survey

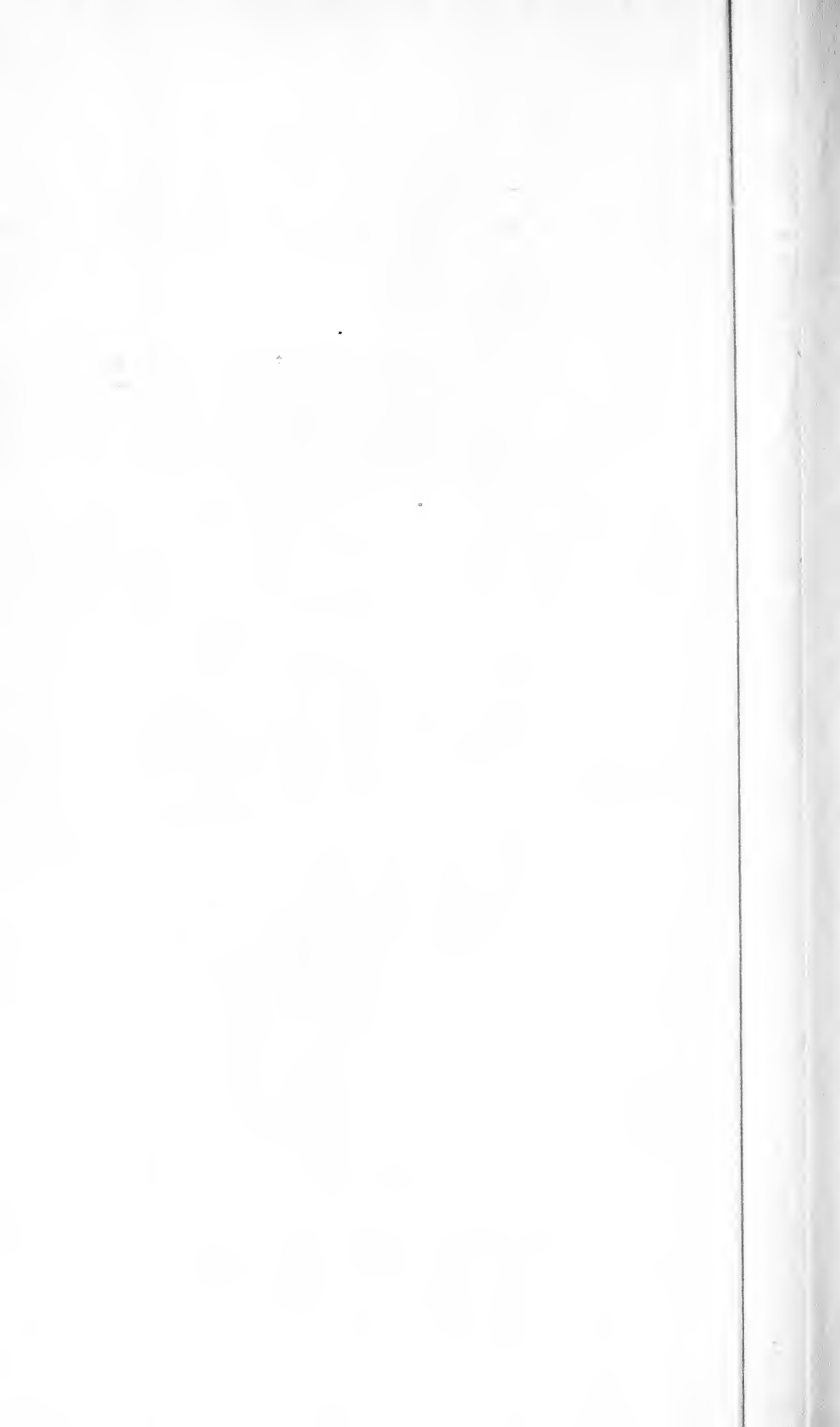




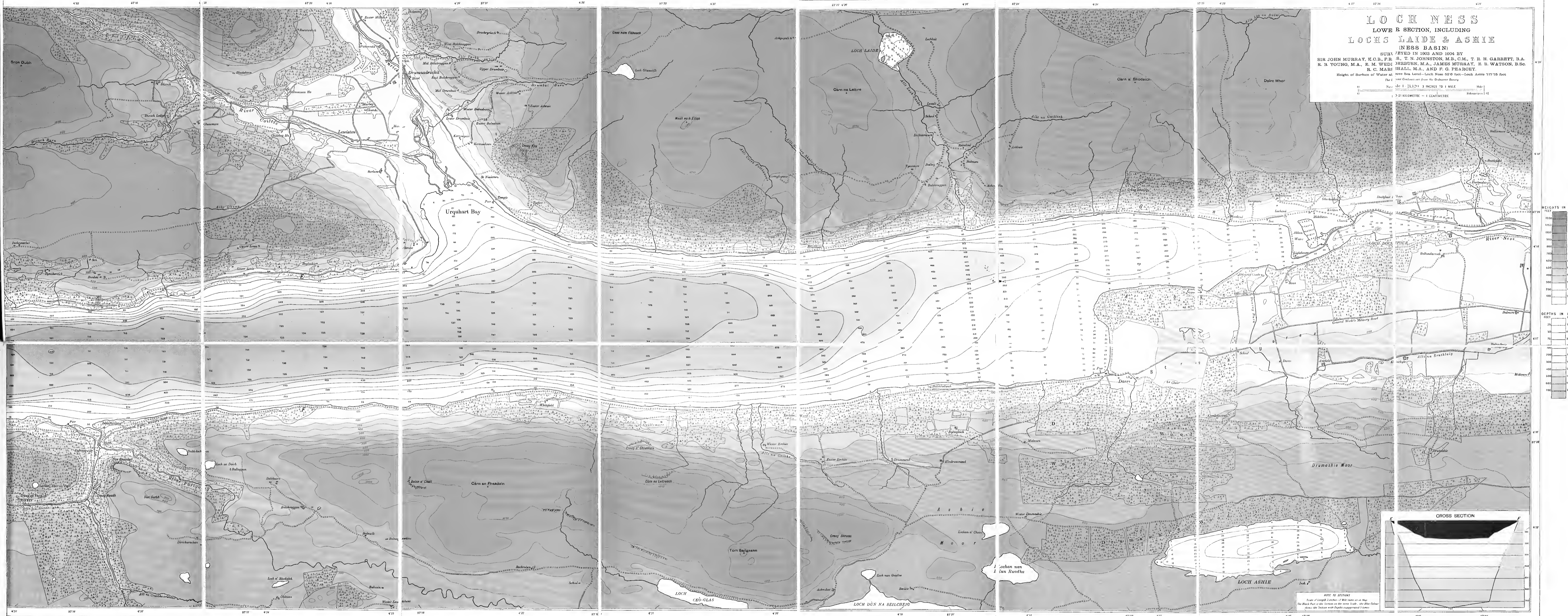


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND
 UNDER THE DIRECTION OF
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LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH

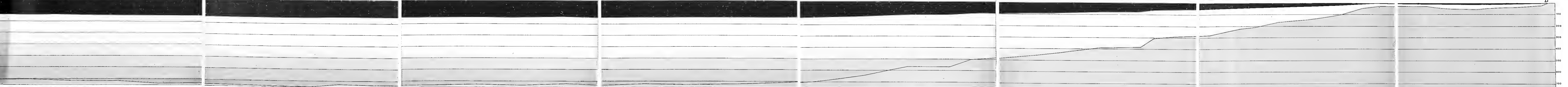


PLATE III

5°12'

T. N.
R. B.
He

0
0

57°4'

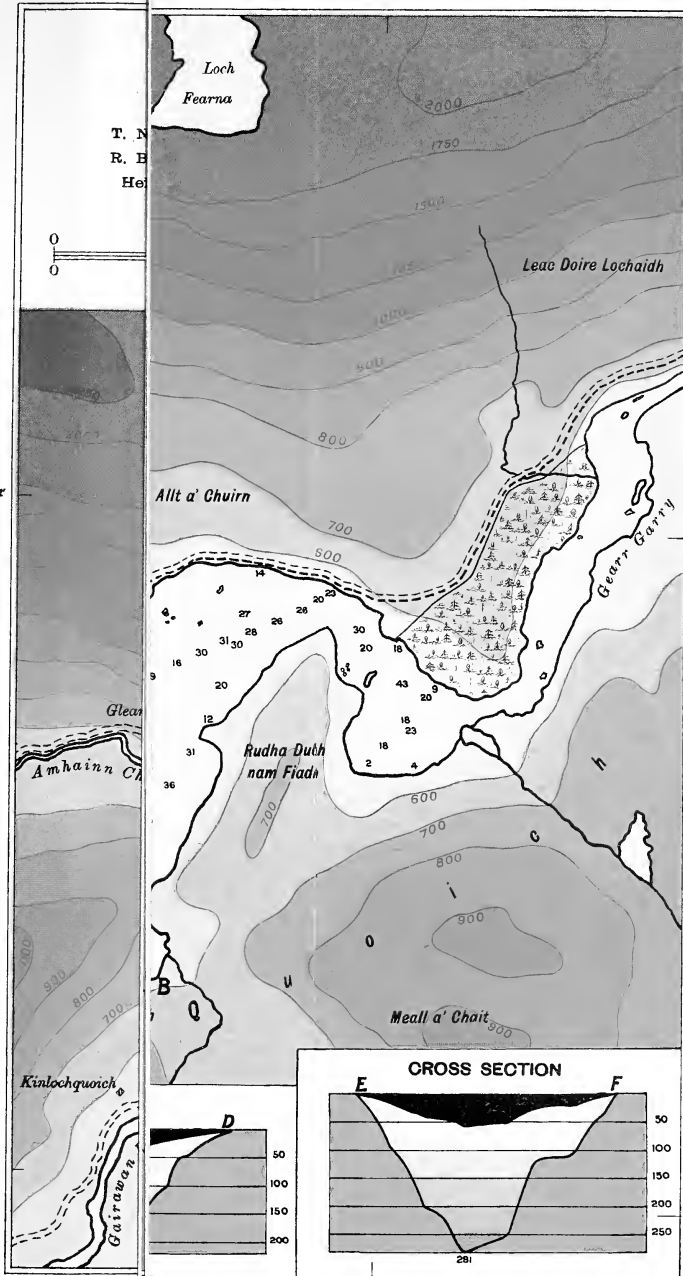
57°4'

HEIGHTS IN FEET
METRES

2250	685.8
2000	609.6
1750	533.4
1500	457.2
1250	381.1
1000	304.8
900	274.3
800	243.8
700	213.4
600	182.9

DEPTHS IN FEET
METRES

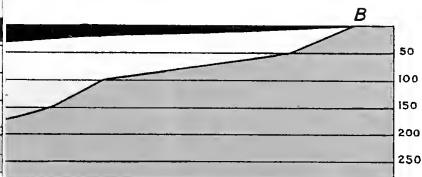
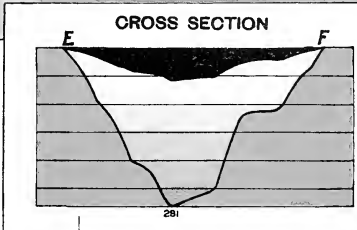
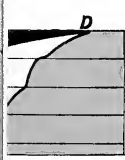
50	15.2
100	30.5
150	45.7
200	61
250	76.2



57°3'

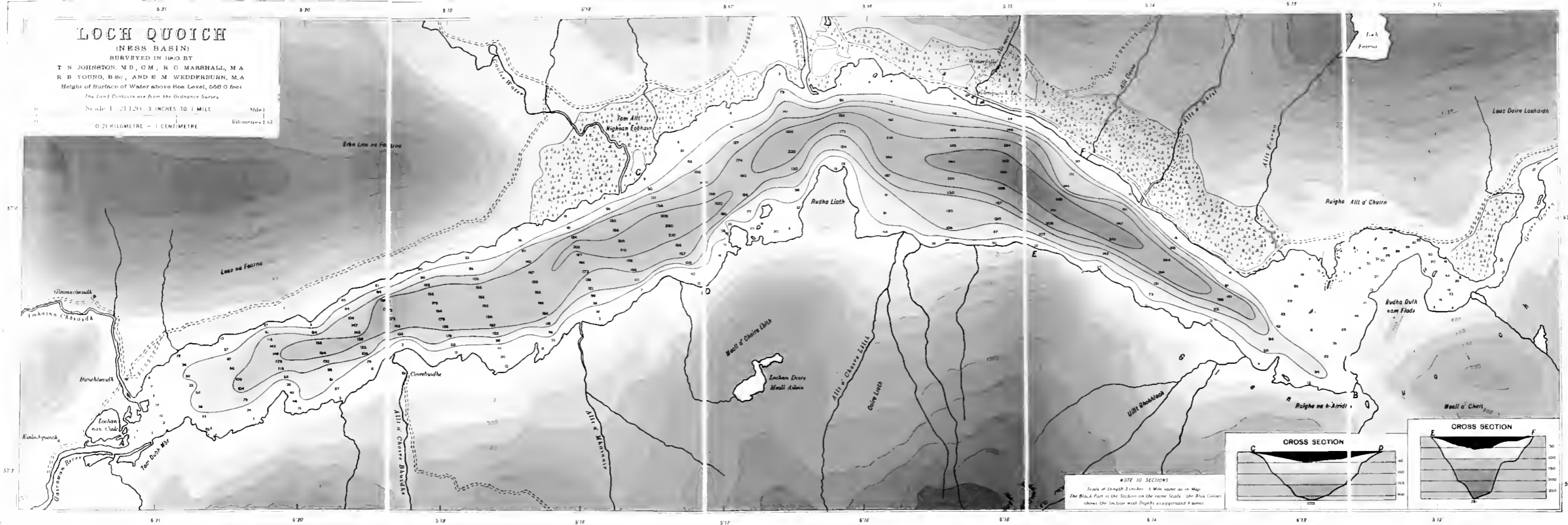
57°3'

5°12'

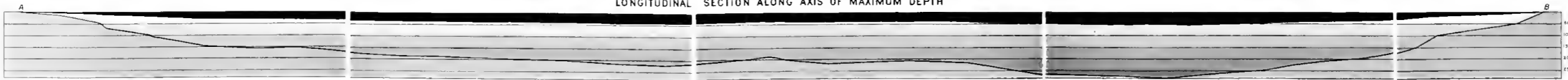


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B. F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH





~~PLATE IV~~

LOC

SURVEYED IN
The Land Com

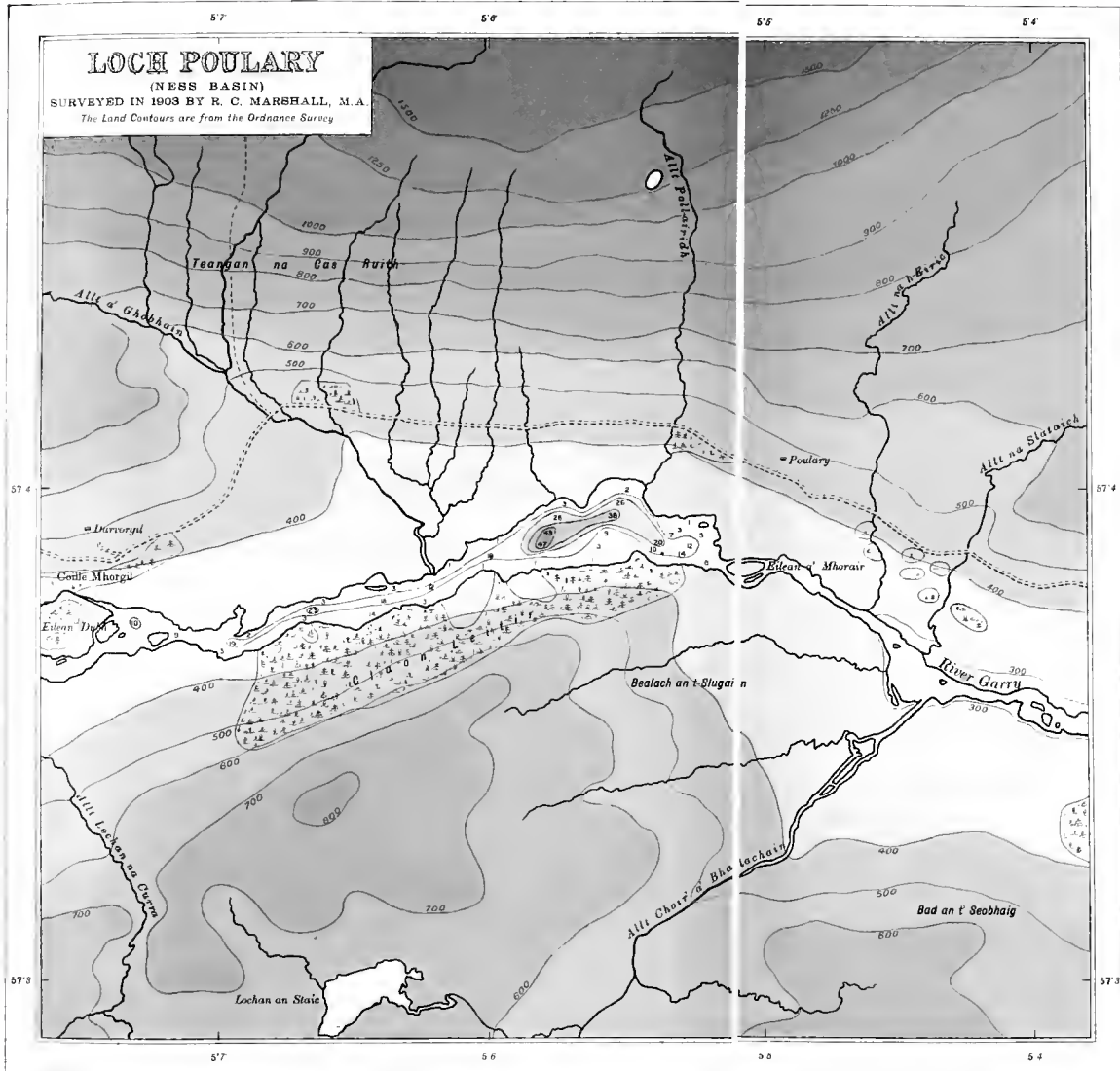


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

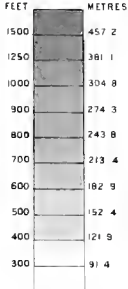
UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PUL LAR, F.R.S.E.

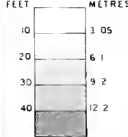
~~PLATE IV~~



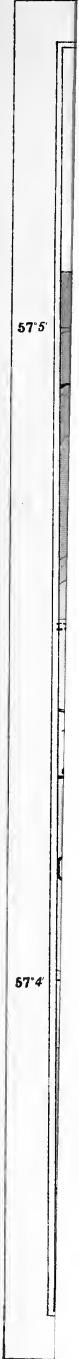
HEIGHTS IN FEET



DEPTHS IN FEET



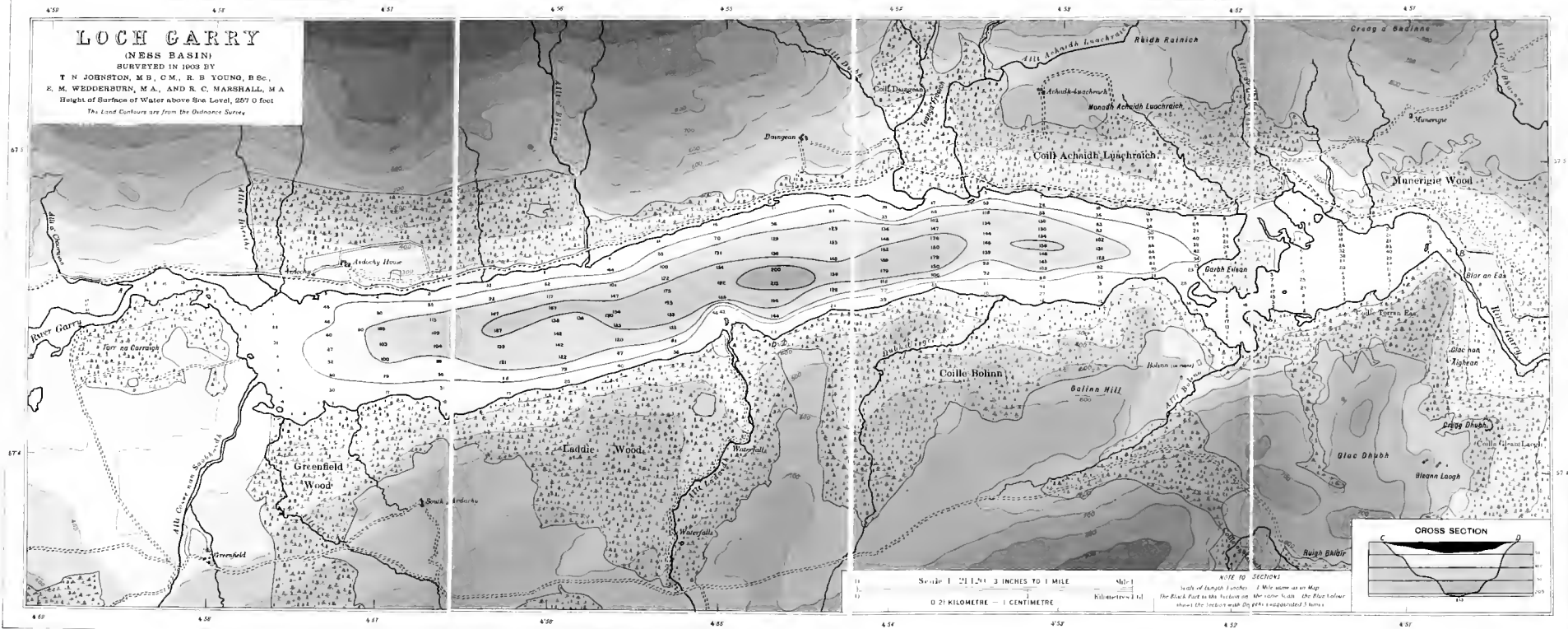
PL.



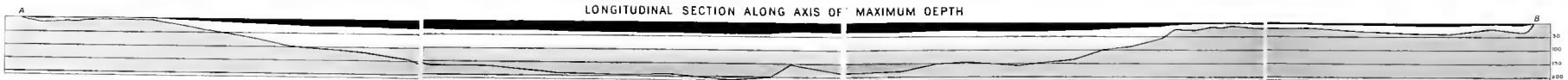
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UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



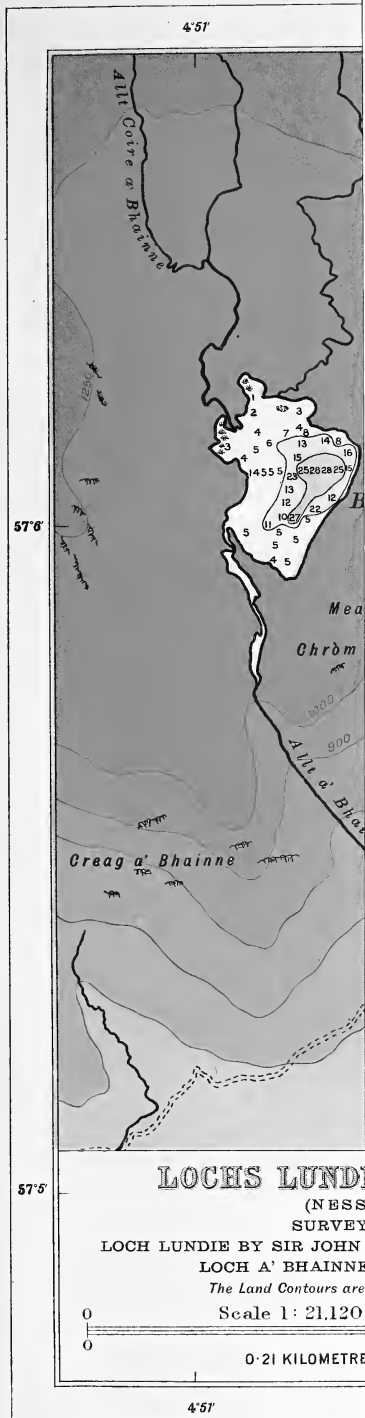
LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



BATHYMETRIC

PLATE VI

SIR JO

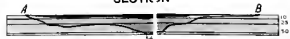
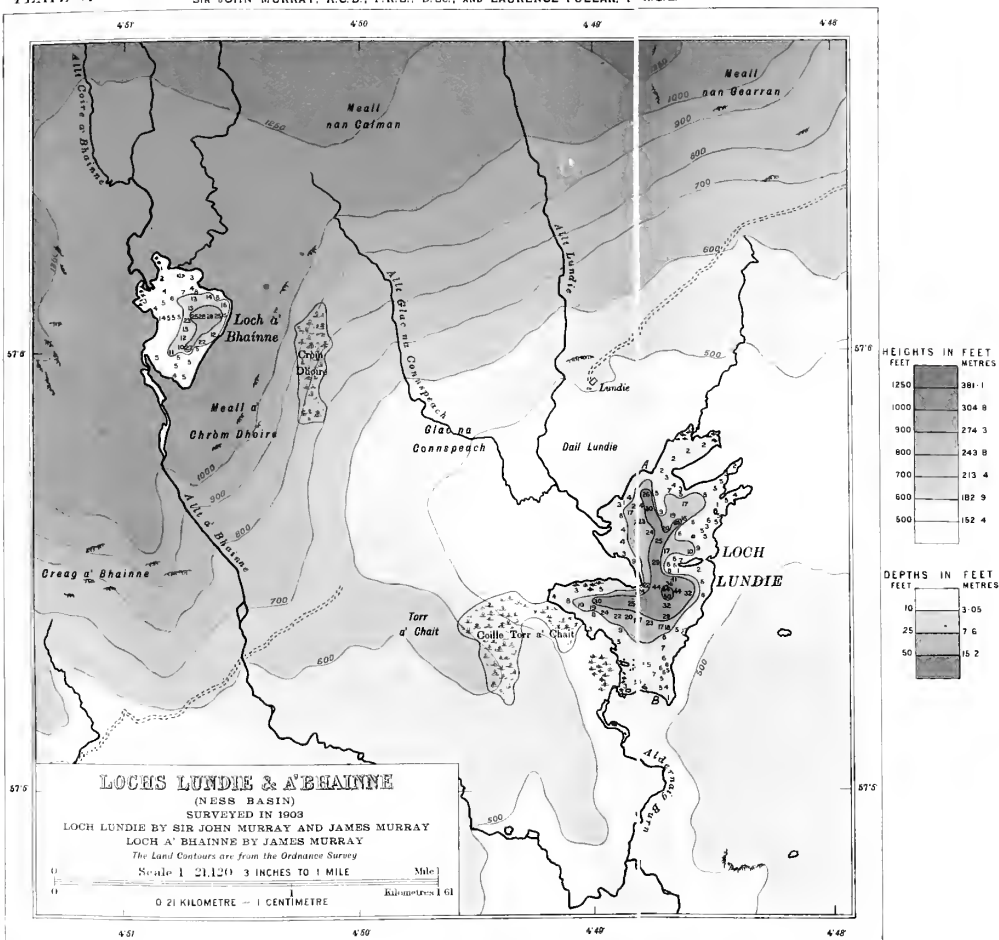


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

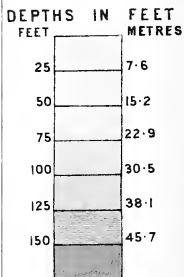
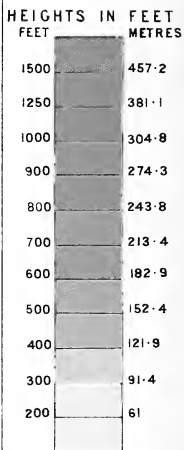
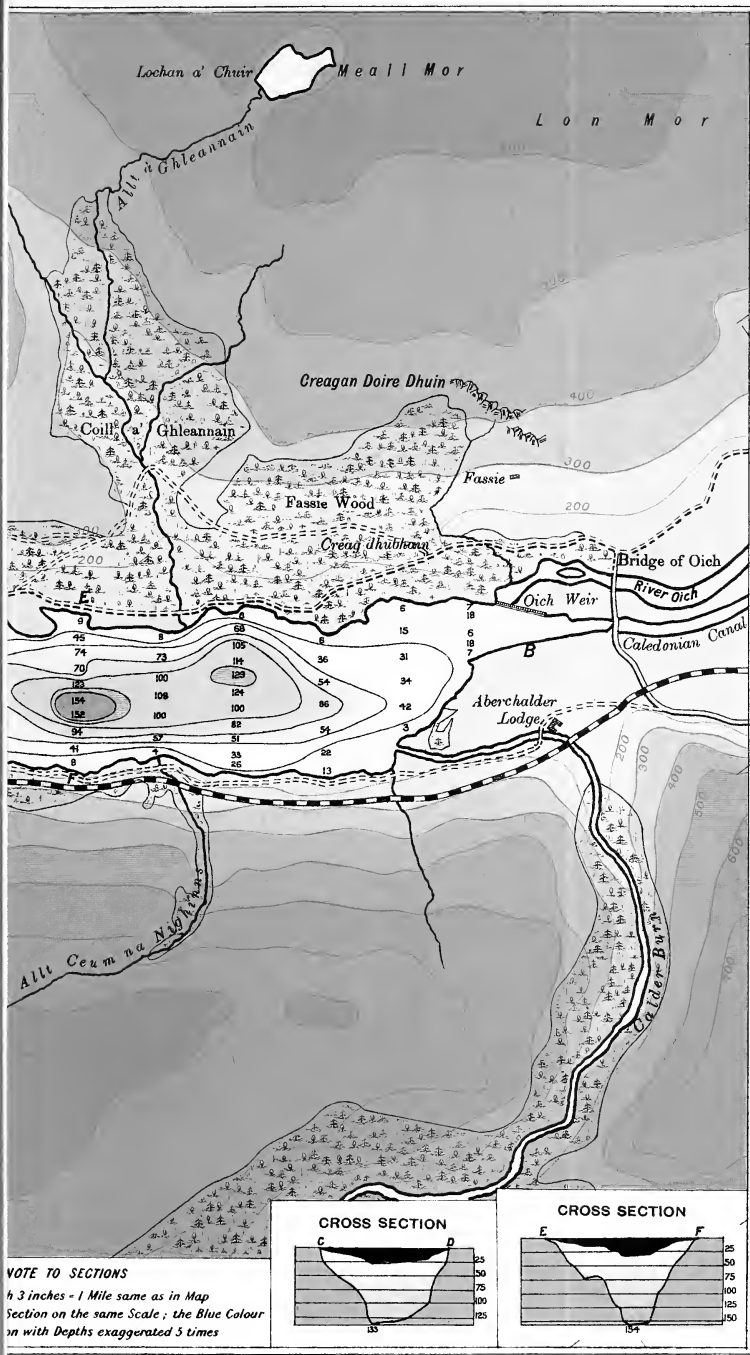
SIR JOHN MURRAY, K.C.B., F.R.S., D.S.C., AND LAURENCE PULLAR, F.R.S.E.

~~111111~~

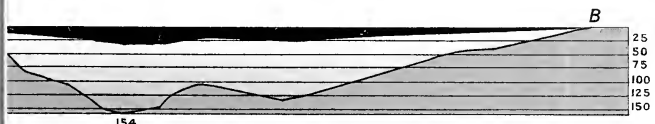
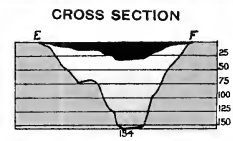
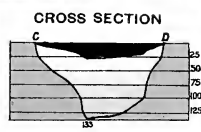




57°6' 44"

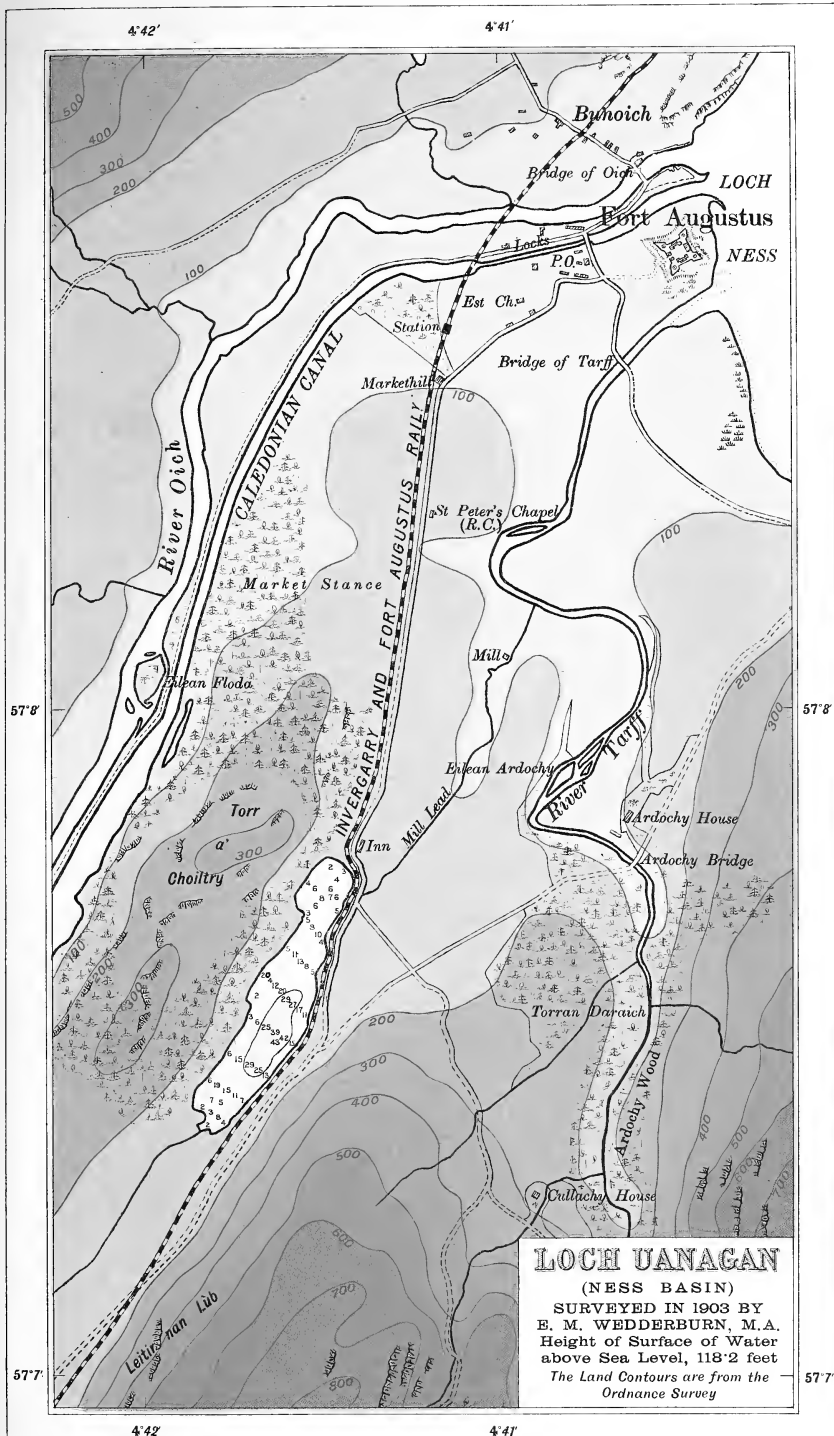


NOTE TO SECTIONS
 h 3 inches - 1 Mile same as in Map
 Section on the same Scale; the Blue Colour
 on with Depths exaggerated 5 times

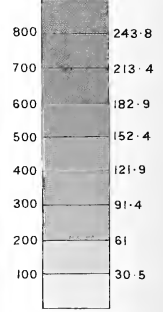


ALTIMETRIC SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.



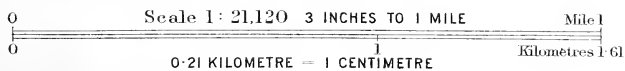
HEIGHTS IN FEET



DEPTHS IN FEET

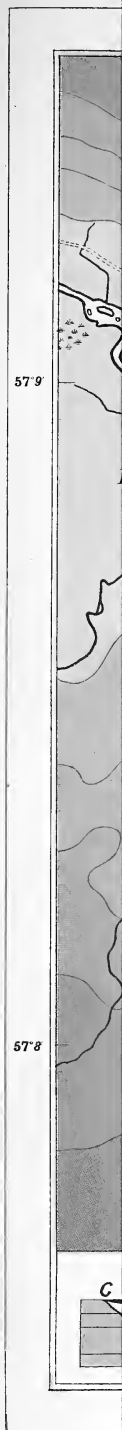


LOCH UANAGAN
 (NESS BASIN)
 SURVEYED IN 1903 BY
 E. M. WEDDERBURN, M.A.
 Height of Surface of Water
 above Sea Level, 118.2 feet
 The Land Contours are from the
 Ordnance Survey



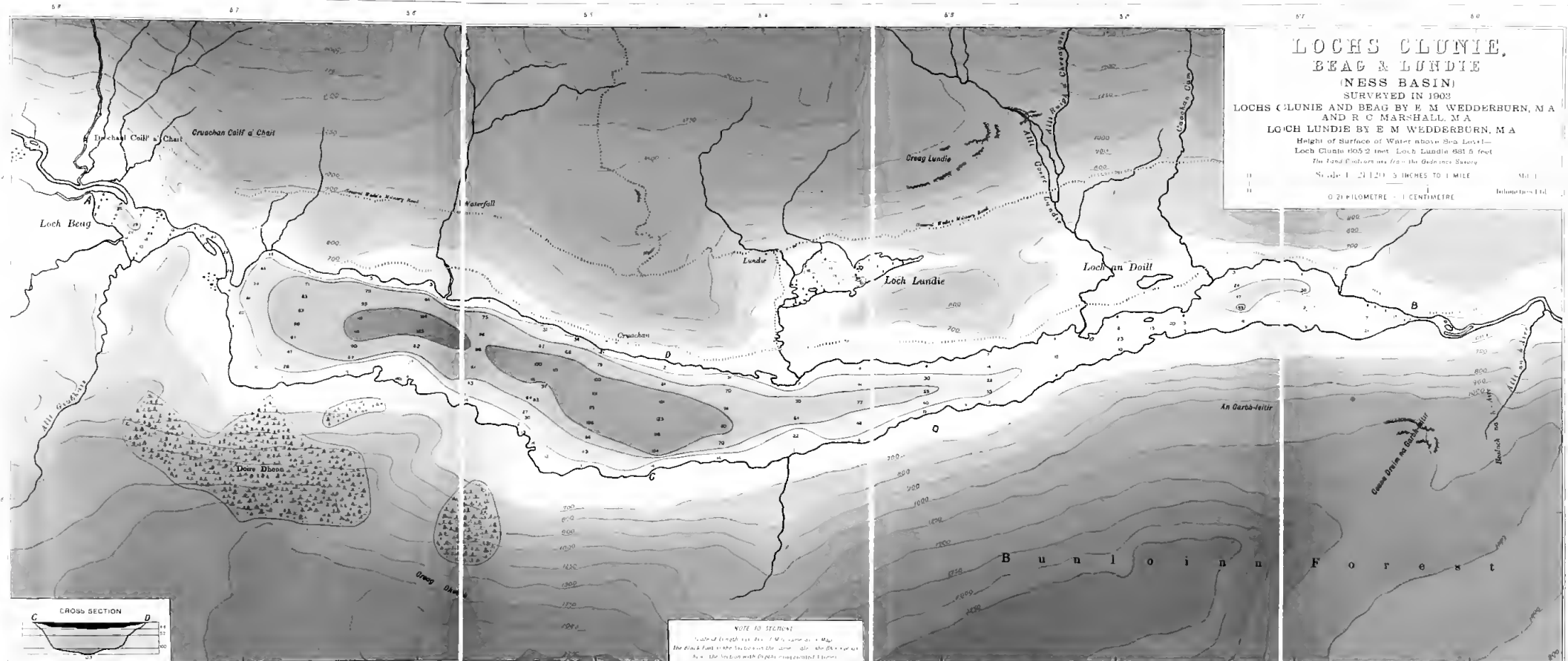


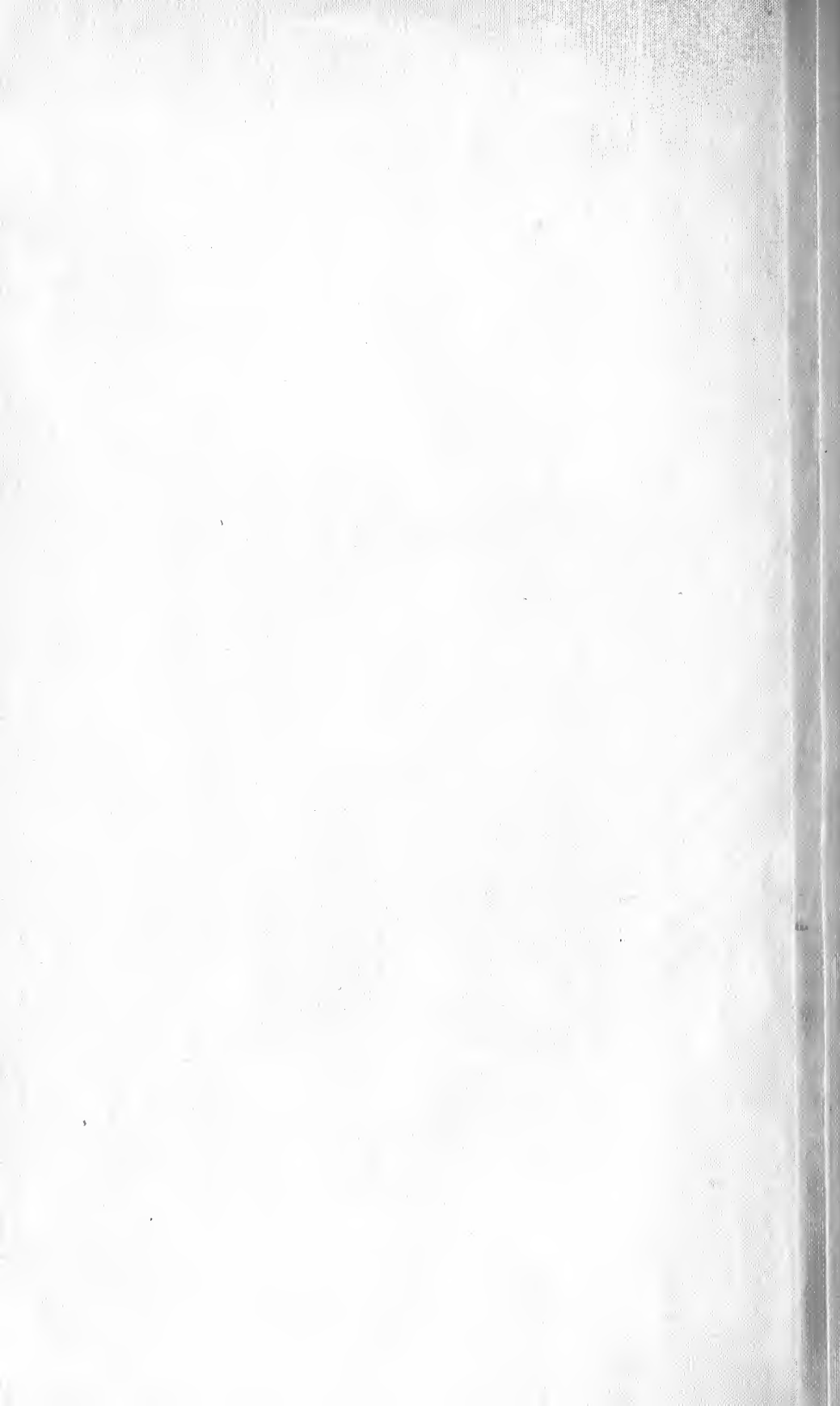
~~PLATE~~

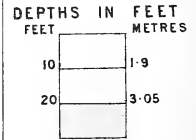
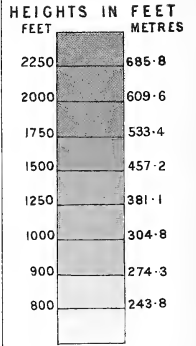
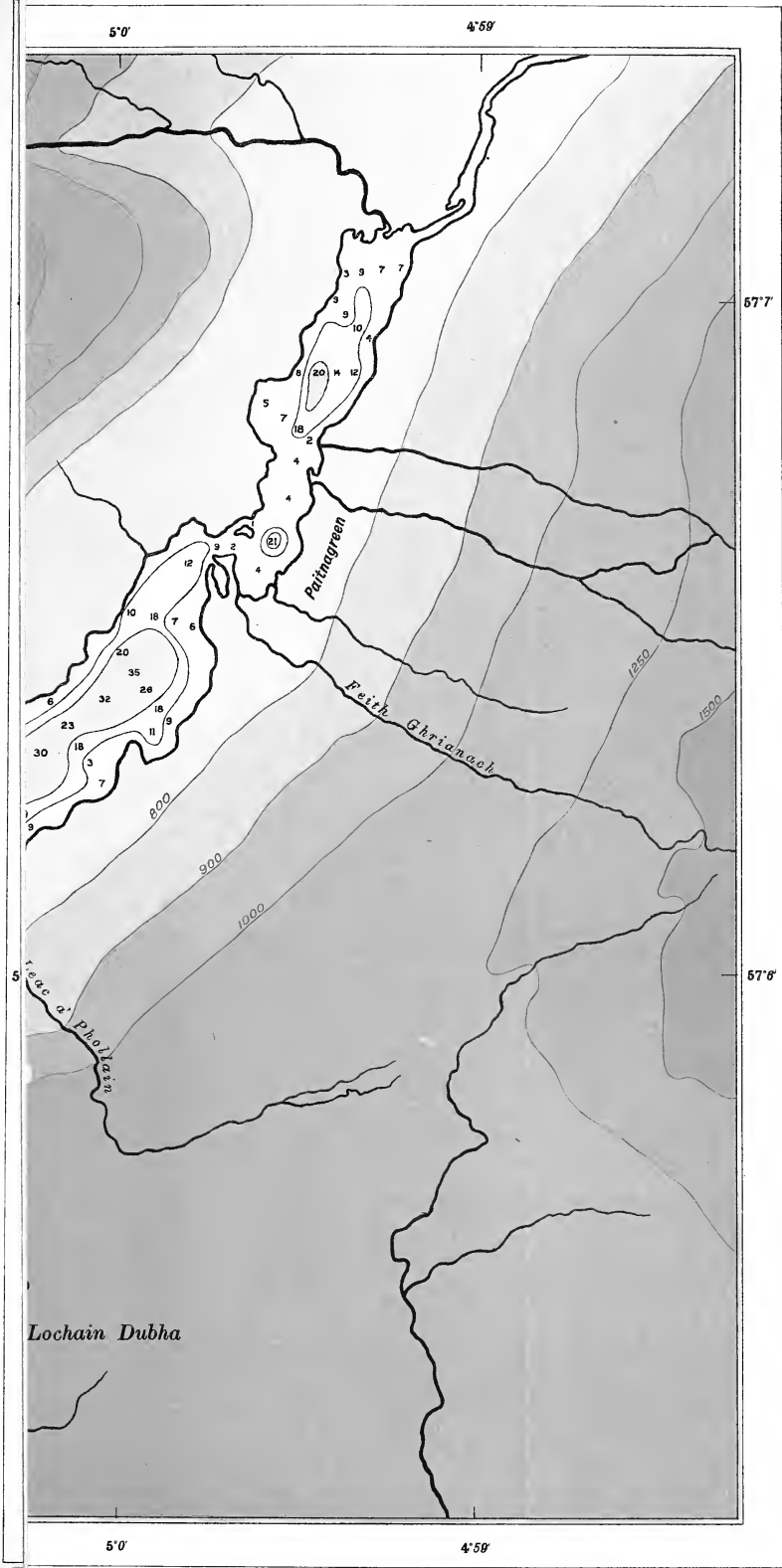


BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURANCE PULLAR, F.R.S.E.







PLATE

4°39'

HS AN STACA, A'VULLAN, LIATH & ASLAICH

(NESS BASIN)

SURVEYED IN 1904

HS AN STACA, A'VULLAN & ASLAICH BY

E. M. WEDDERBURN, M.A.

LOCH LIATH BY R. C. MARSHALL, M.A.

Height of Surface of Water above Sea Level, 1494.1 feet

The Land Contours are from the Ordnance Survey

Scale 1: 21,120 3 INCHES TO 1 MILE Mile 1

0.21 KILOMETRE — 1 CENTIMETRE

Kilometres 1.61

4°38'

HEIGHTS IN FEET		METRES	
FEET			METRES
2000		609.6	
1750		533.4	
1500		457.2	
1250		381.1	

DEPTHS IN FEET		METRES	
FEET			METRES
10		3.05	
20		6.1	
50		15.2	

4°48'
57°15'

57°14'

4°47'

57°17'

4°38'

57°16'



4°38'

4°37'

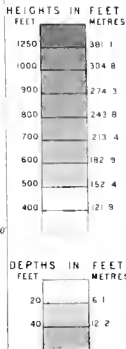
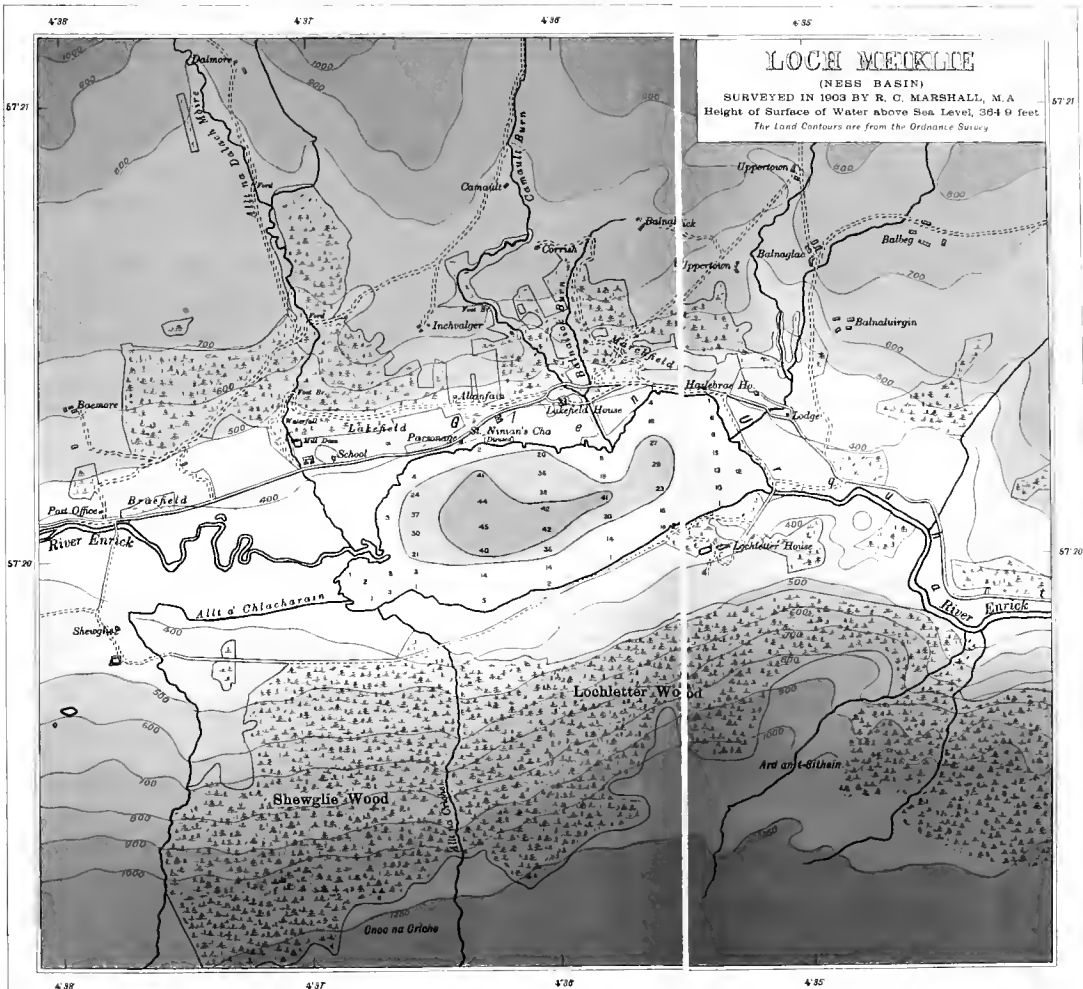
PLATE X



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

PLATE XX

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc. AND LAURENCE PULLAR, F.R.S.E.



P

57'12"

57'8"

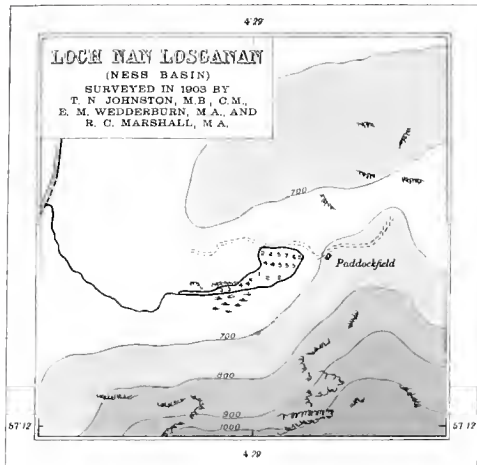
The Edge

BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

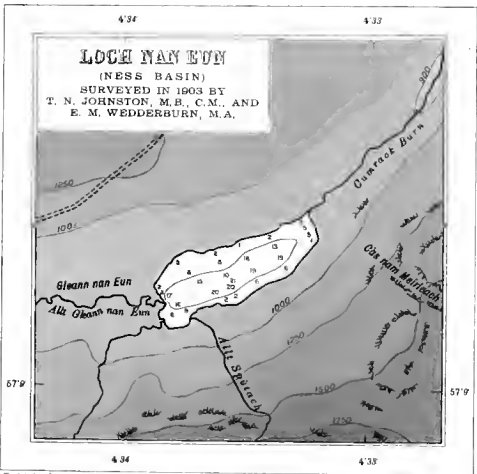
UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURÉNCE PULLAR, F.R.S.E.

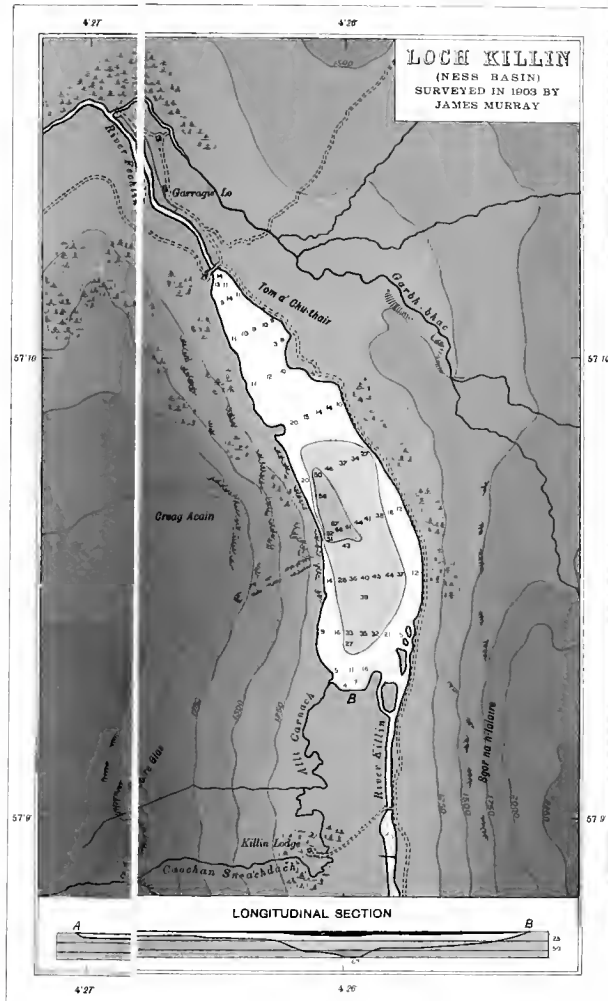
PLATE VIII



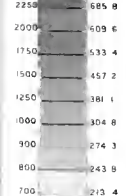
The Land Contours are from the Ordnance Survey



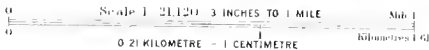
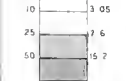
The Ordnance Survey Geographical Institute



HEIGHTS IN FEET
METRES



DEPTHS IN FEET
METRES



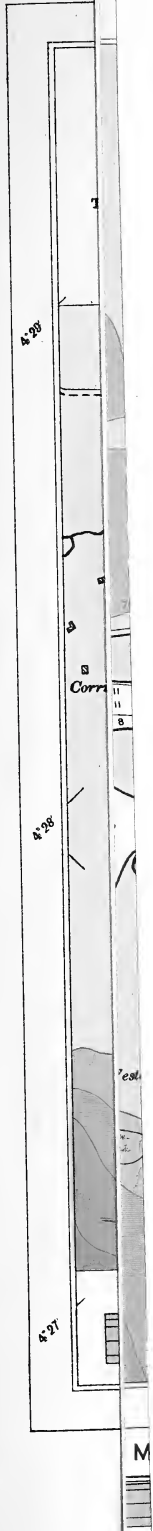
NOTE TO SECTION

Scale of Length 3 inches = 1 Mile same as in Map
The Black Part is the Section on the same Scale the Blue colour shows the Section with Depths exaggerated 3 times

J. B. Macdonald



PLATE



BATHYMETRICAL SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF
SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

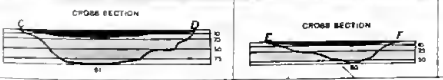
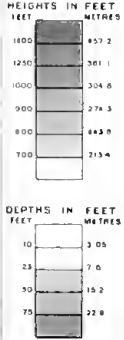
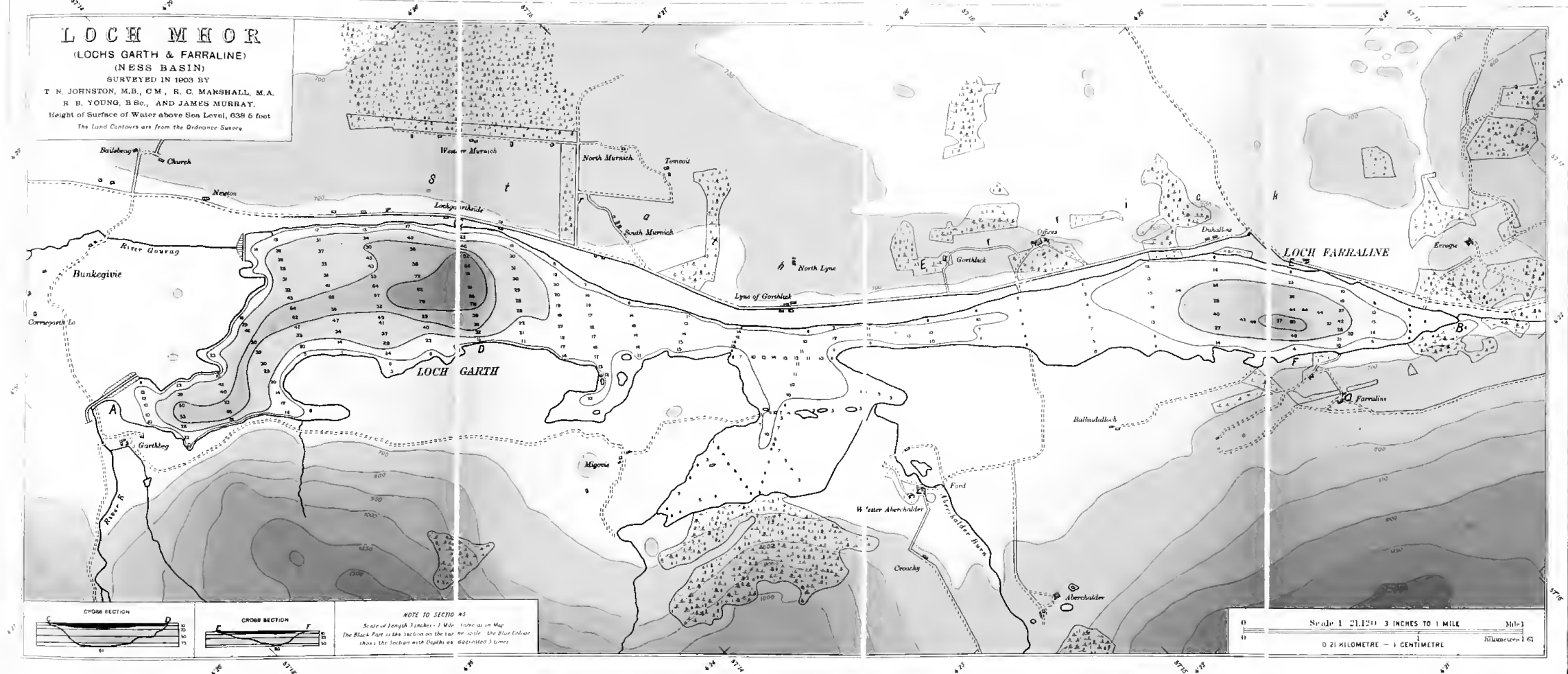
LOCH MOR

(LOCHS GARTH & FARRALINE)
(NESS BASIN)

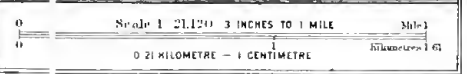
SURVEYED IN 1903 BY

T. N. JOHNSTON, M.B., O.M., R. C. MARSHALL, M.A.
R. B. YOUNG, B.Sc., AND JAMES MURRAY.

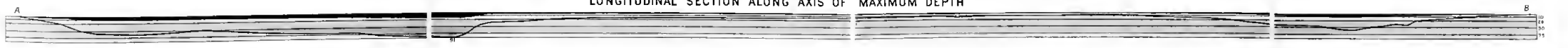
Height of Surface of Water above Sea Level, 638.6 feet
The Land Contours are from the Ordnance Survey



NOTE TO SECTION WS
Scale of length 1 inch = 1 Mile
The Black Part is the section on the far side. The Blue Colour shows the section with depths as indicated 3 Lines



LONGITUDINAL SECTION ALONG AXIS OF MAXIMUM DEPTH



F

5724

5719

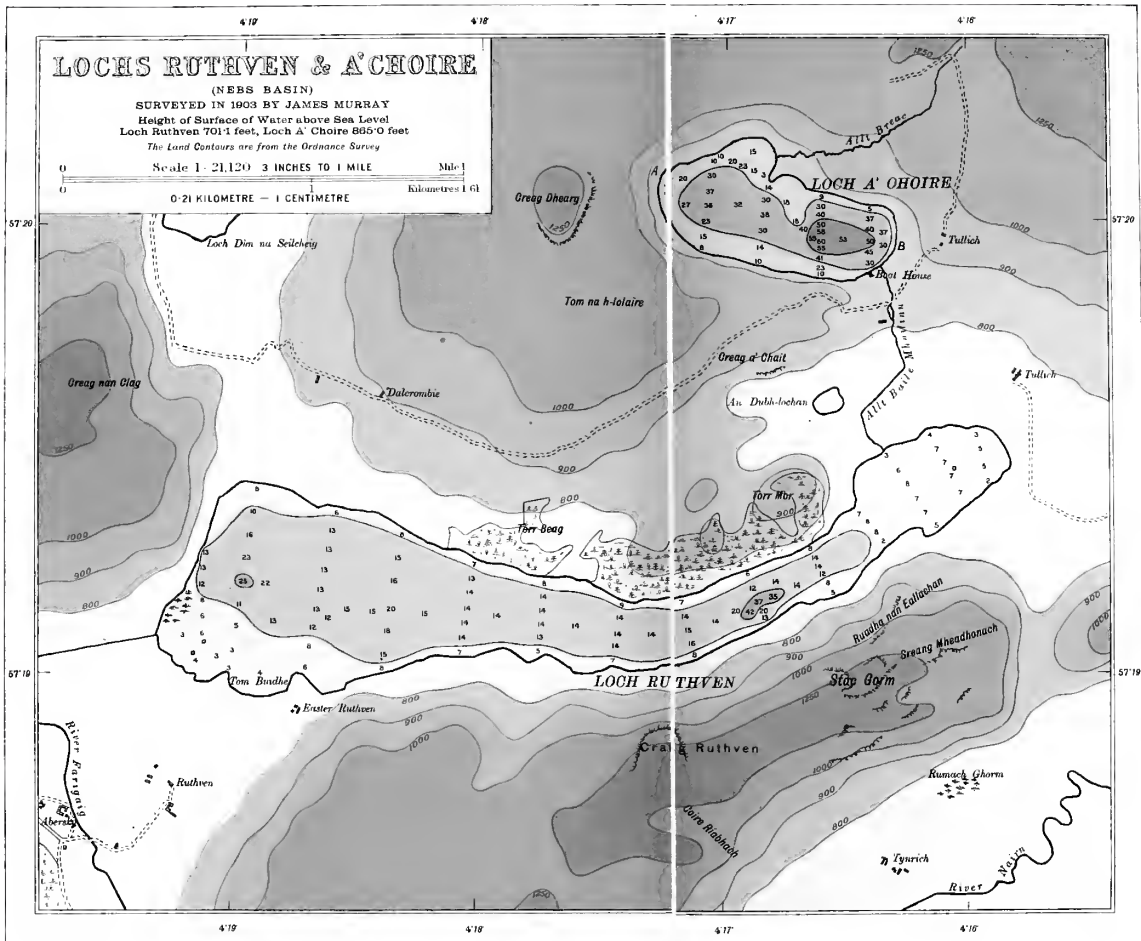
The Edi

BATHYMETRIC SURVEY OF THE FRESH-WATER LOCHS OF SCOTLAND

UNDER THE DIRECTION OF

SIR JOHN MURRAY, K.C.B., F.R.S., D.Sc., AND LAURENCE PULLAR, F.R.S.E.

PLATE XV



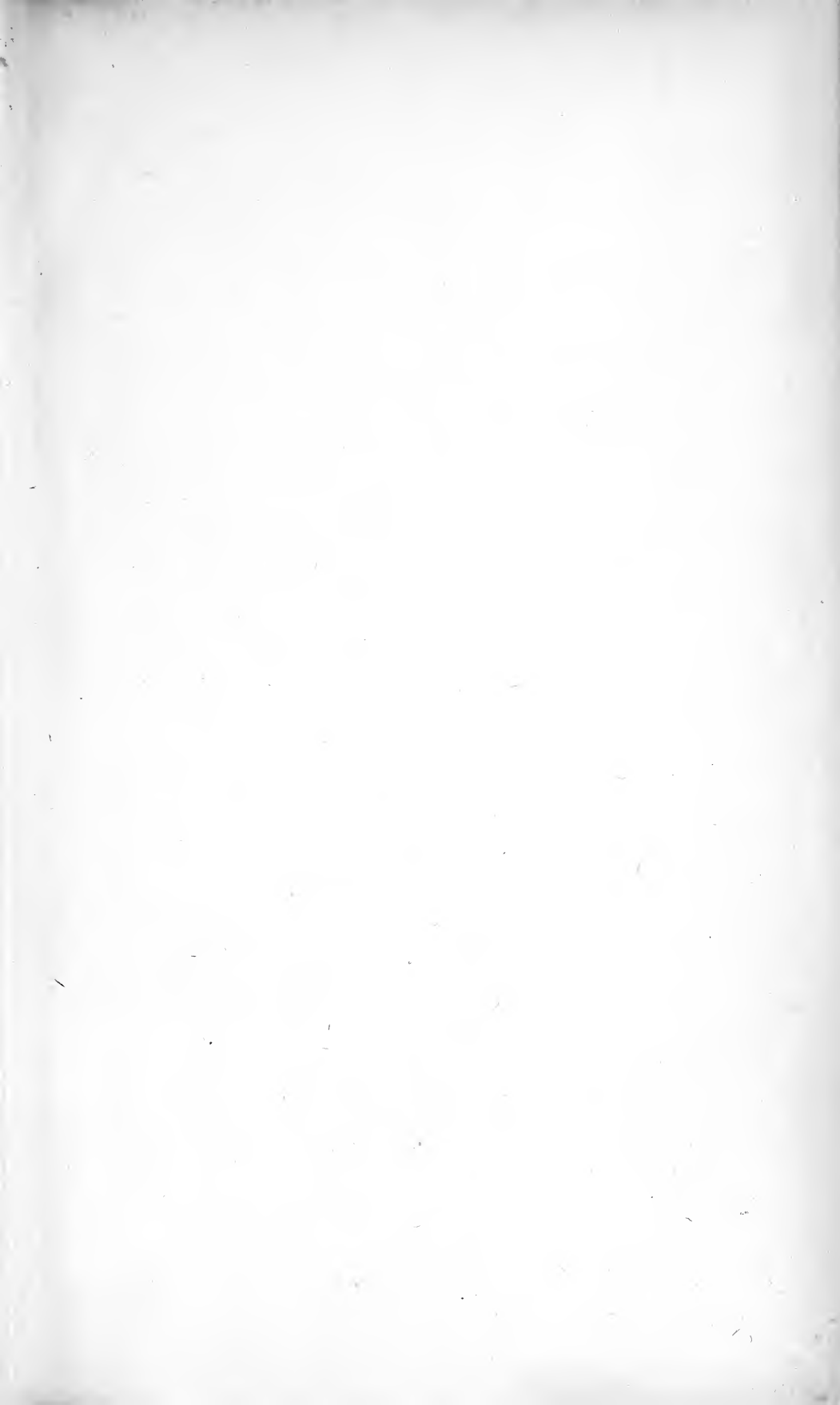
The Edinburgh Geographical Institute

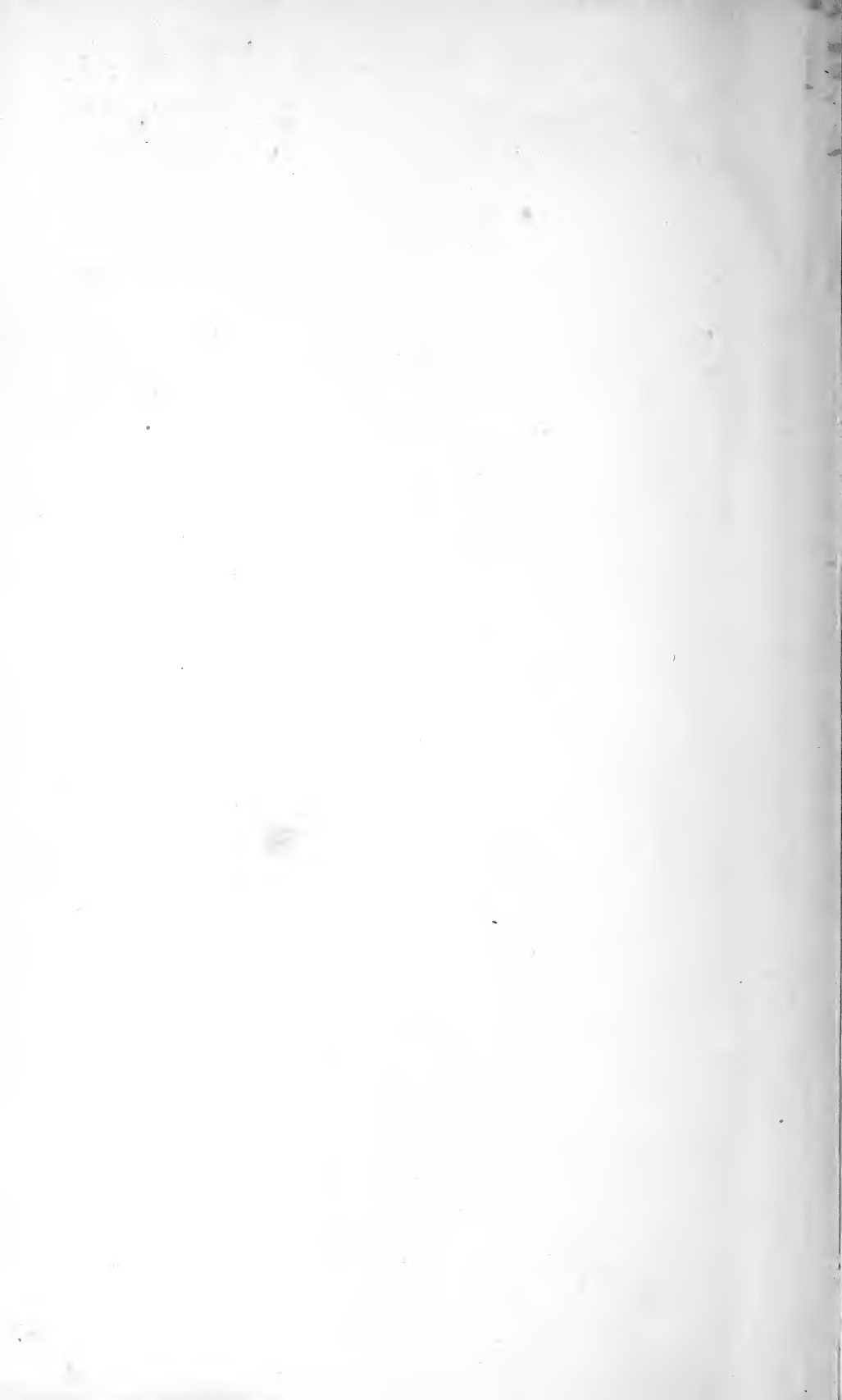
J. D. Bartholomew

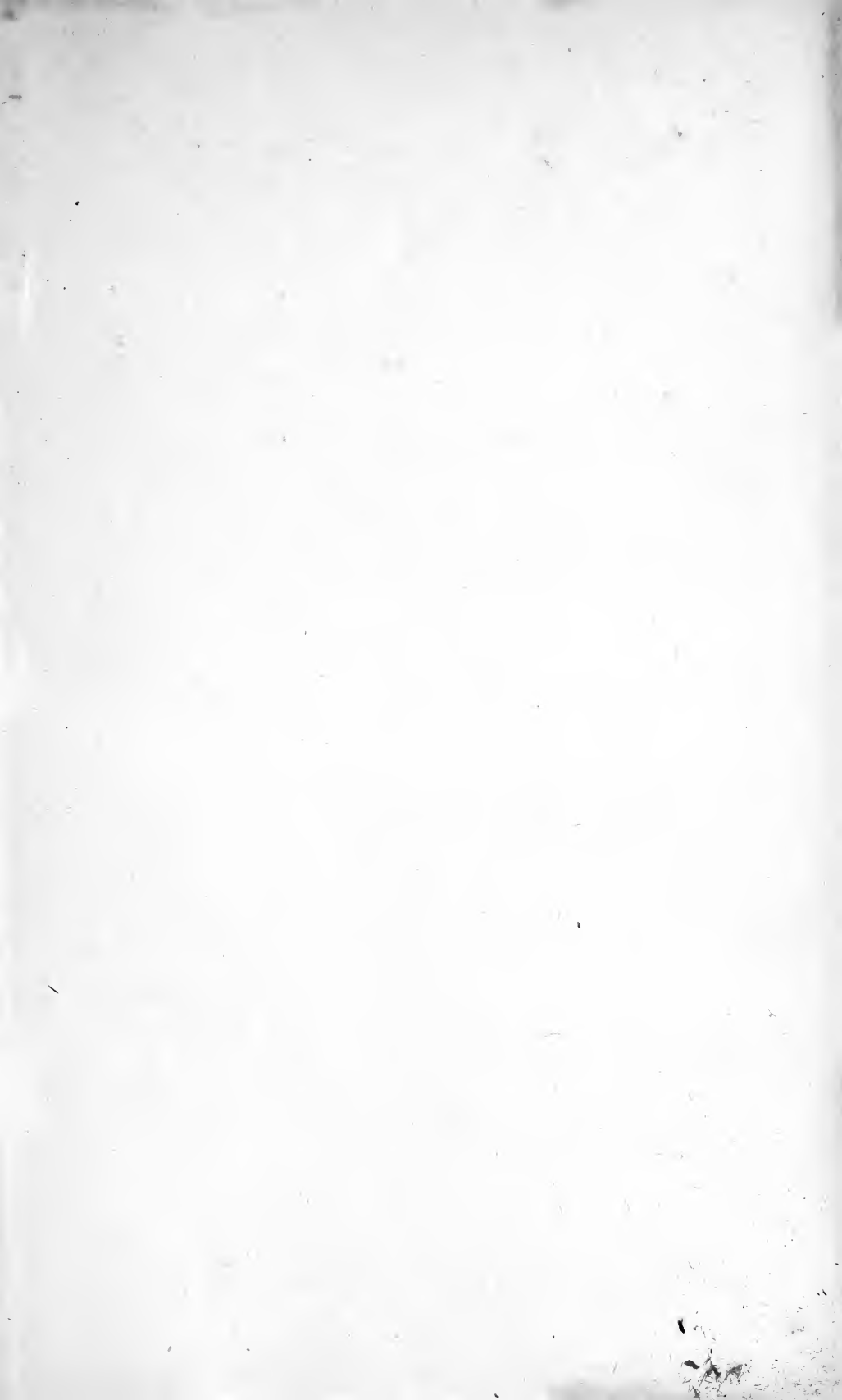
NOTE TO SECTION

Scale of Length 3 inches = 1 Mile same as on Map
The Black Part is the Section on the same Scale, the Blue Colour shows the Section with Depths exaggerated 5 times









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