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M. B. ELLIOTT, M.B.E.



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PREFACE

The object aimed at in the compilation of the Decennial Index of THE ANALYST, 1916-1925, has been to simplify the form of entries in such a way that quick reference may be facilitated. For this reason, some of the titles of papers have been slightly modified in the Subject Index ; hence, for the purposes of quotation, reference should be made to the Authors' Index, where the titles of papers and abstracts are given in their original form.

In order to make the keywords more prominent, and at the same time to save space, they have only been used at the beginning of each series of entries.

The titles of books reviewed have been included in the general Subject Index with the object of bringing together all the references on any particular subject, and are in each case followed by the word "Review" in parentheses.

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- ores; Determination of tin in high-grade —; and the use of lead as a reducing agent in Pearce's assay. A. R. Powell, **1918**, 421.
- Separation of tin and tungsten in stanniferous —. Travers, **1917**, 404.
- Wood**: apple —; Hemicellulose of. W. E. Tottingham, R. H. Roberts, and S. Lepkowsky, **1921**, 204.
- cellulose; Examination of —. F. Lenze, B. Pleus, and J. Müller, **1921**, 106.
- cellulose in —; Determination of. B. Johnsen and R. W. Hovey, **1918**, 297.
- cellulose in —; Modified method of determining. G. J. Ritter, **1925**, 87.
- Chemistry of —. I. Methods and results of analysis of some American species. A. W. Schorger, **1917**, 336. II. Discussion of methods and results. A. W. Schorger, **1917**, 338.
- Chemistry of —. Relation between methoxyl and lignin in —. G. J. Ritter, **1924**, 106.
- decay in —; Diagnosis of. E. E. Hubert, **1925**, 299.
- Destructive distillation of —. H. M. Bunbury, **1925**, 159.
- Determination of cellulose in — by the chlorination method. G. J. Ritter and L. C. Fleck, **1924**, 196.
- extract; Identification of — by means of cinchonine. L. De Hesselde, **1922**, 179.
- fibres in paper pulp; Quantitative determination of cotton, linen, and —. W. Dickson, **1925**, 317.
- fibres in paper pulp; Quantitative determination of hemp and —. W. Dickson, **1923**, 373.
- infection and decay of — and — pulp; Chemical changes involved during. M. W. Bray and J. A. Staidl, **1922**, 175.

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- microstructure of —; Effects of chemical reagents on. A. Abrams, **1921**, 468.
- of *Rhamnus Purshiana*; Cascara content of the bark and —. R. H. Clark and K. B. Gillie, **1924**, 441.
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- oil; Optical dispersion of Chinese — as an index of purity. E. E. Ware, **1916**, 176.
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- preservation; Standard specification for creosote for —; (British Engineering Standards Association). **1922**, 71.
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- Proximate analysis of —. H. W. Dore, **1919**, 299.
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- Wood's Light**: Application of — to the examination of olive oils and turpentine oil. Frehse, **1925**, 361.
- Woods**: American; Results of analysis of some —. G. R. Ritter and L. C. Fleck, **1923**, 39.
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- Conditions affecting the precise determination of — as sulphide. H. A. Fales and G. M. Ware, **1919**, 215.
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- Determination and separation of copper, —, cadmium, nickel, and cobalt. A. Carnot, **1918**, 232.
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- Zinc Chloride** as wood preservative. Report of Committee No. 4. Preservatives. **1922**, 315.
- Zinc Foil**: Determination of mercury by means of —. M. François, **1918**, 305.
- Zinc Mercury Thiocyanate**: Gravimetric and volumetric determination of zinc precipitated as —. G. S. Jamieson, **1918**, 338.
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- Zingerone**: Pungent principles of ginger. Part I. A new ketone, — (4-hydroxy 3-methoxyphenylethyl methyl ketone), occurring in ginger. H. Nomura, **1917**, 357. Part II. Synthetic preparations of —, methylzingerone and some related acids. A. Lapworth and F. H. Wykes, **1917**, 359.
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LIST OF ERRATA

Year.	Page.	Line.	Correction.
1916	100	20 from top.	For 367 read 364.
	166	Last.	For 2 per cent. read 0.2 per cent.
	252	21 from top.	For 47 read 469.
	296	4 " "	For $\frac{N}{2}$ read 2N.
	344	5 " bottom.	For 171 read 174.
	383	9 " top.	For 1916 read 1911.
1917	76	On graph.	For S.G. 0.09100 read S.G.0.910.
	197	3 from top.	For Co, 5.01 read Co, 5.61.
	200	14 " "	For Mitchell read Twitchell.
	202	1 of Table.	For Castor oil 10.4 to 0.7 read 0.4 to 0.7.
	243	10 from top.	For 1891 read 1892.
1918	20	8 " bottom.	For Fred read Tred.
	143	16 " top.	For 42 read 142.
	267	17 of table.	For 1.13 read 2.13.
	287	3 from bottom.	For chloride read chromate.
	376	2 " top.	For 50 $\frac{3}{4}$ read 50.3 $\frac{1}{4}$.
1919	128	16 " "	After weighed insert ignited and the weight of ash subtracted in order to obtain real starch.
	275	8 " "	For pentaminemanganous read pentamminemanganous.
	"	15 " "	For hexaminemanganous read hexamminemanganous.
	"	Last.	For pentaminemanganous read pentamminemanganous.
	276	8 from top.	Delete fail to.
	279	14 " bottom.	For hexamineferrous read hexammineferrous.
	318	10 " top.	For 1891, 16, 209, read 1898, 23, 169.
	"	18 " "	For 311 read 345.
	343	4 " "	For hot alcohol read hot water.
	"	6 " "	For 20 c.c. read 10 c.c.
416	21 " "	For G. Hughes read J. Hughes.	
1920	210	11 " "	For 2,549 read 2,849.
	218	Last.	For 69 read 169 in ANALYST reference.
	262	24 from top.	Delete with in with 10 per cent.
	284	First.	For saponifiable read unsaponifiable.
	339	4 from top.	For 1895, 19, 14, read 1894, 19, 141.
	450	9 " "	After V. Slyke and Baker insert ANALYST, 1920, 45, 139.
1921	22	8 " "	For Aluminium read Molybdenum.
	33	15 " "	For 11 read 9.
	110	Last.	For 1920 read 1921.
	111	10 from top.	For 1896 read 1895.
	131	21 " "	Delete 1909, 30.
	143	15 " "	For acid-soluble read acid-insoluble.
	144	28 " " et seq.	For Onoperdon read Onopordon.
	332	14 " bottom.	For ANALYST read "J. Inst. Br."
	344	19 " top.	For sulphite read sulphur trioxide.
	"	24 " "	For arsenious acid read arsenic.
	489	13 " bottom.	For digestion read dejection.
	502	18 " top.	For Dolt read Dott.

Year.	Page.	Line.	Correction.
1922	49	10 ,, bottom.	For 1882 read 1881.
	"	" " "	For 108 read 231.
	"	9 " "	For 1895 read 1894.
	"	7 " "	For 1884 read 1883.
	92	17 ,, top.	For 41 read 42.
	148	32 ,, "	For 0.5N potassium hydroxide solution read 0.5N hydroxylamine hydrochloride solution.
	214	2 ,, "	For 220 read 135.
	306	24 ,, "	For 262 read 292.
	484	3 ,, "	For 1921 read 1922.
	487	2 ,, bottom.	For Gallium read Galium.
	488	10 & 13 from top.	For Gallium read Galium.
	501	16 from top.	For Wyrney read Vyrnwy.
	502	3 ,, "	For Wyrney read Vyrnwy.
1923	60	4 ,, "	Delete do not.
	90	17 ,, "	After 675 add ANALYST, 1921, 46, 515.
	173	25 ,, "	For 122 read 120.
	252	8 ,, bottom.	For 1922, 47, 1922, read 1922, 47, 285.
	395	9 ,, "	For Bell's read Pelkan's.
	397	3 ,, top.	For $P_n=6.3$ read $P_n=8.3$.
	418	5 ,, bottom.	After 47 insert 3.
	433	13 ,, top.	For 231 read 239.
	457	6 ,, bottom.	For 22 read 92.
	534	8 ,, top.	For 42, 37 read 47, 27.
	542	5 ,, "	For 271 read 279.
	597	13 ,, bottom.	For total milk solids in the tin read total milk solids in one pint.
	xiii (Index)	Beginning of N.	Insert Nanji, D. R., and Shaw, W. S. A quantitative study of the limitations of the reaction between ammonia and sodium hypobromite, 473.
1924	6	8 & 9 from top.	Delete C after polarisation figures.
	7	29 from top.	Delete C after polarisation figures.
	12	24, 28, 31, 33 from top.	Delete C after polarisation figures.
	500	18 from top.	For Perfumes and Synthetics read Perfumes and Cosmetics.
	545	11 ,, bottom.	After adjusted so that insert not.
	558	8 ,, top.	For 571 read 473.
1925	7	7 ,, "	For 0.1485 read 0.1125.
	174	4 ,, bottom.	For 22 read 9
	317	1 of the paper.	For 1921 read 1923.
	323	18 from top.	For 73 read 373.
	404	13 ,, bottom.	For 500 read 351.
	425	Footnote.	For Some grms. sieved off read Some dead fine—chiefly graphite sieved off. (This footnote applies only to Carbon, total, and Carbon, graphitic.)
	428	5 & 6 from bottom of table.	For $Mg_2P_7O_7$ read $Mg_2P_2O_7$.
	436	4 from bottom.	For 1.45 read 1.35.
	525	25 ,, top.	For 0.9558 read 0.8558.
	541	12 ,, "	For potassium chloride and chlorate read potassium chloride and perchlorate.

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