were spotted 8 cm from the end of the paper which was immediately transferred to a sealed cabinet containing dishes of each of the mobile and stationary phases. The paper was developed without equilibration in a descending direction for 18–24 h using the *n*-butyl ether layer as the developing solvent. It was then dried at 105° for 5 min and sprayed with a 0.1 % solution of bromocresol green in 0.05 % aqueous sodium bicarbonate which produced yellow spots on a blue background.

TABLE I

R_F VALUES OF DIBASIC ACIDS

Acid	R_F *value*
Adipic	0.10
Pimelic	0.14
Suberic	0.17
Azelaic	0.23
Sebacic	0.33
1,9-Nonamethylene-dicarboxylic	0.39
1,10-Decamethylene-dicarboxylic	0.52

The monobasic acids move close to the solvent front well ahead of any of the dibasic acids. The R_F values at 20° of the dibasic acids are shown in Table I.

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BOOK REVIEWS

Phenolics in Plants in Health and Disease, par J. B. PRIDHAM, Éditeur, Pergamon Press, London, 1960, 140 pages, prix 42 s.

Ce livre contient des rapports présentés à un Symposium tenu à l'Université de Bristol en avril 1959. Il est divisé en quatre parties; la première, d'ordre général, contient les articles suivants:

The distribution of phenolic compounds in apple and pear trees (A. H. WILLIAMS)
The formation and possible function of phenolic glycosides (J. B. PRIDHAM)
The mobilization of betanin in beetroot (S. P. SPRAGG)
Germination inhibitors in plant material (C. F. VAN SUMERE)
The inhibitory substances contained in sugar beet glomerules (J. DE ROUBAIX ET O. LAZAR).

La seconde partie contient trois articles (de T. SWAIN; F. A. ISHERWOOD; et G. BULOCH) sur les rapports entre leuco-anthocyanines et lignine et sur la formation de lignine.

La troisième partie contient cinq articles (de D. WOODCOCK; A. E. FLOOD ET D. S. KIRKHAM; A. C. HULME ET K. L. EDNEY; R. J. W. BYRDE, A. H. FIELDING ET A. H. WILLIAMS; et C. H. CADMAN) concernant les rapports entre substances phénoliques et résistance à l'infection chez les plantes.

La quatrième partie contient trois articles (de J. B. HARBORNE; R. C. PECKET; et W. J. FEENSTRA), sur des aspects génétiques de la formation de substances phénoliques.

Plusieurs de ces articles contiennent des données sur des méthodes chromatographiques utilisées pour la séparation des substances phénoliques.

Ce livre est très bien présenté, illustré de nombreuses photographies et sera étudié avec profit par tous ceux qui s'intéressent à la biochimie des substances phénoliques des végétaux.

E. LEDERER (Paris)

Protides of the Biological Fluids, Proceedings of the Seventh Colloquium, Bruges, 1959. Edited by H. PEETERS, published by Elsevier Publ. Co., Amsterdam, 1960, x + 420 pages, price 76 s.

Sint Jans Hospital in Bruges, which is very well known to art enthousiasts because of its collection of paintings by HANS MEMLINK, has in recent years become equally well known among clinical chemists on account of the annual international colloquia on protides (*i.e.* proteins, peptides and amino acids) of the biological fluids, that are organized there.

The previous two volumes of these Proceedings have already been reviewed by MARINI-BETTÒLO in this Journal, Vol. 3 (1959) pp. 98 and 203. In the present volume, 20 papers appear in the form of summaries onlys, as they have already been published in *Clin. Chim. Acta* or elsewhere. The rest of the volume contains 66 original papers, an introductory review on antibody synthesis by SCHULTZE, and an account of a round table conference under the chairmanship of PEETERS, which deals briefly with a variety of subjects. There were two sections specifically devoted to electro-