FORTHCOMING PAPERS

It is hoped to publish the following papers in the next issue of the *Biochemical Journal*:

Trypsin-catalysed transpeptidations. By S. G. Waley and J. Watson
Chymotrypsin-catalysed transpeptidations. By K. Blau and S. G. Waley
The absorption of methionine by the skin of the guinea pig. By L. J. Edwards
The effect of ammonia on the oxidation of glucose by *Zygorhynchus moelleri*. By V. Moses

Studies on yeast metabolism:
1. The intracellular level of pyruvate during yeast fermentation. By W. E. Trevelyan and J. S. Harrison
2. The effect of thiamine on yeast fermentation. By W. E. Trevelyan and J. S. Harrison

The estimation of purines in nucleic acids: a method applicable to materials with low concentration of nucleic acid. By I. W. McDonald

The oxidation of myoglobin to metmyoglobin by oxygen. 3. Kinetic studies in the presence of carbon monoxide, and at different hydrogen-ion concentrations with considerations regarding the stability of oxymyoglobin. By P. George and C. J. Stratmann

South African pilchard oil:
2. The fatty acid composition of South African pilchard oil. By M. H. Silk and H. H. Hahn
3. The isolation and structure of a hexadecatetraenoic acid from South African pilchard oil. By M. H. Silk and H. H. Hahn


The purification of alkaline phosphatases of animal tissues. By R. K. Morton

Copper complexes in grassland herbage. By C. F. Mills
The lipids of fish. 5. The lipids remaining in the flesh of the haddock after extraction by acetone and ethanol-ether. By June Olley and J. A. Lovern
The reaction of haemoglobin and some of its derivatives with p-iodophenylhydroxylamine and p-iodonitrosobenzene. By H. Jackson and R. Thompson
The interaction of dyes with proteins on paper with special reference to paper electrophoresis. By G. T. Franglen and N. H. Martin

Studies on the biosynthesis of riboflavin. Nitrogen metabolism and flavinogenesis in *Eremothecium ashbyii*. By T. W. Goodwin and S. Fendlington

On the significance of y-glutamyl transpeptidation in peptide biosynthesis. By R. W. Hendler and D. M. Greenberg

Techniques in tissue metabolism. 3. Study of tissue fragments with little or no added aqueous phase, and in oils. By R. Rodnight and H. McIlwain

*Appendix*—Manometric determination of the solubility of oxygen in liquid paraffin, olive oil and silicone fluids. By R. Rodnight

Electrical pulses and the metabolism of cell-free cerebral preparations. By A. Narayanawami and H. McIlwain
Applied electrical pulses and the ammonia and acetylcholine of isolated cerebral cortex slices. By E. V. Rowsell
Rapid changes in creatine phosphate level in cerebral cortex slices. By P. J. Heald
The action of some ergot derivatives, mescaline and dibenamine on the metabolism of separated mammalian cerebral tissues. By Joyce L. Lewis and H. McIlwain

The metabolism of short-chain fatty acids in the sheep. 3. Formic, n-valeric and some branched-chain acids. By E. F. Annison and R. J. Pennington

Some esterases of the rat. By W. N. Aldridge
A study of some simple peptide complexes with zinc and cadmium ions in aqueous solution. By D. J. Perkins