

# THE BRITISH JOURNAL OF NUTRITION

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Papers should be accompanied by a signed statement to the effect that the author accepts the conditions laid down in Directions to Contributors. Special attention is directed to the sections below concerning the preparation of the typescript, and care in this matter will hasten publication.

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Contributors who reside outside Great Britain are requested to nominate somebody in Great Britain who is willing to correct the proofs of their papers. Papers from such contributors should be accompanied by a statement of the number of reprints required.

Authors' names should be given without titles or degrees. Female authors are requested to give one Christian name in full to avoid confusion. The name and address of the laboratory where the work was performed should be given. Any necessary descriptive material regarding the author, e.g. Beit Memorial Fellow, should appear in brackets after the author's name, or at the end of the paper, and not in the form of a footnote.

Typescripts should carry an indication of the name and address of the person to whom the proof of the paper is to be sent, and should give also a shortened version of the paper's title, not exceeding forty-five letters and spaces in length, suitable for a running title in the published pages of the work.

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typescript before this is sent to the Editors will shorten the time required for publication. The need for undue amounts of editorial revision caused by badly prepared typescript will lead to delay in publication for which the Editors cannot accept responsibility. Papers on specialized aspects of the subject should be presented in such a way as to make them intelligible, without undue difficulty, to the ordinary reader of the *Journal*. In any case sufficient information should be made available to permit repetition of the published work by any competent reader of the *Journal*.

Papers intended for publication should be in double-spaced typing on one side of sheets of uniform size with adequate margins. Top copies only should be submitted, packed flat. The paper should be written in the English language, the spelling being that of the *Oxford English Dictionary*, and should, in general, be divided into the following parts: (a) Introductory paragraph, containing the reasons for publication of the work; (b) Experimental methods adopted: with chemical papers the experimental part will normally appear towards the end, but with other types of publication Methods should appear after Introduction; (c) Results: these should be given as concisely as possible, with the help of figures or tables; (d) Discussion: it is desirable that the presentation of the results and the discussion of their significance should be considered separately; (e) Summary: this should be a brief narrative (not more than 5% of the length of the paper) in the past tense of what was done and of results and conclusions; the paragraphs of the summary should be numbered; (f) References: these should be given in the text thus: Barnett & Robinson (1942), (Culbertson & Thomas, 1933); where a paper to be cited has more than two authors, the names of all the authors should be given when reference is first made, e.g. (Osborne, Mendel & Ferry, 1919); subsequent citations should appear thus: (Osborne *et al.* 1919). Where more than one paper by the same authors has appeared in one year the reference should be given as follows: Osborne & Mendel (1914a); Osborne & Mendel (1914b); or Osborne & Mendel (1914a, b); (Osborne & Mendel, 1914a, 1916; Barnett & Robinson, 1942).

[p.t.o.]

**References.** At the end of the paper references should be given in alphabetical order according to the name of the first author of the publication quoted, and should include the authors' initials; the title of the paper should not be included. Titles of journals should be abbreviated in accordance with the system used in the *World List of Scientific Periodicals* (1934; 2nd ed. Oxford University Press). Examples of such abbreviations will be found in the current numbers of the *British Journal of Nutrition* and a useful list has recently been published in the *Journal of Physiology* (1945, 104, 232). References to books and monographs should include the town of publication and the name of the publisher, as well as the date of publication and the number of the edition to which reference is made. Thus: Barnett, J. W. & Robinson, F. A. (1942). *Biochem. J.* 36, 364.

Culbertson, C. C. & Thomas, B. H. (1934). *Rep. Ia agric. Exp. Sta.* 1933-4, p. 51.

Doisy, E. A., Somogyi, M. & Shaffer, P. A. (1923). *J. biol. Chem.* 55, xxxi.

Fairley, N. H. (1938). *Nature, Lond.*, 142, 1156.

Hennessy, D. J. (1941). *Industr. Engng Chem.* (Anal. ed.), 13, 216.

King, H. (1941). *J. chem. Soc.* p. 338.

Osborne, T. B. & Mendel, L. B. (1914a). *J. biol. Chem.* 17, 325.

Osborne, T. B. & Mendel, L. B. (1914b). *J. biol. Chem.* 18, 1.

Osborne, T. B. & Mendel, L. B. (1916). *Biochem. J.* 10, 534.

Osborne, T. B., Mendel, L. B. & Ferry, E. L. (1919). *J. biol. Chem.* 37, 233.

Starling, E. H. (1915). *Principles of Human Physiology*, 2nd ed. London: Churchill.

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The methods of analysis followed should be indicated, but statistical details, such as an analysis of variance tables, need not be given unless they are relevant to the discussion. A statement that the difference between the mean values of two groups of data is statistically significant should be accompanied by an indication of the level of significance attained.

**Illustrations.** Illustrations, which should be approximately twice the size of the finished block, should each be on a separate sheet, packed flat and bearing the author's name. Diagrams should be in Indian ink and should be drawn on plain white paper, Bristol board, or faintly blue-lined paper. Curves based on experimental data should carry clear indications of the experimentally determined points. Letters, numbers, etc., should be written lightly in pencil. On the back of each figure should be written the author's name and the title of the paper. Legends and captions should be typed separately from the illustrations, each on a separate sheet, and numbered correspondingly with the relevant illustration. Figures should be comprehensible without reference to the text. In the case of photographs glossy prints are required; clips should not be used and care should be taken to avoid heavy pressure when writing on the backs.

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**Chemical Formulae.** These should be written as far as possible on a single horizontal line. With inorganic substances, formulae may be used, particularly in the experimental portion, at the discretion of the editors. With salts it must be stated whether or not the anhydrous material is used, e.g. anhydrous  $\text{CuSO}_4$ , or which of the different crystalline forms is indicated, e.g.  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ ,  $\text{CuSO}_4 \cdot \text{H}_2\text{O}$ .

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**Symbols and Abbreviations.** Authors should refer to current numbers of the *British Journal of Nutrition* for information in this connexion. The chemical nomenclature adopted is that followed by the Chemical Society (see *J. chem. Soc.* 1936, p. 1087). For the nomenclature of amino-acids *Brit. J. Nutrit.* 1947, 1, 109, should be consulted; an explanatory comment on the rules has been published in *J. biol. Chem.* 1947, 169, 237. With a few exceptions the symbols and abbreviations are those adopted by a committee of the Chemical, Faraday and Physical Societies in 1937 (see *J. chem. Soc.* 1944, p. 717). Spectrophotometric terms and symbols are those proposed by the Society of Public Analysts and other Analytical Chemists (see *The Analyst*, 1943, 67, 184). For mathematical notation and numerals the rules laid down in *Proc. roy. Soc. A*, 1909, 82, 14, should be followed. The attention of authors is particularly drawn to the following symbols: m = (milli) =  $10^{-3}$  and  $\mu$  = (micro) =  $10^{-6}$ . Note also that ml. (millilitres) should be employed instead of c.c., and  $\mu\text{g}$ . (micrograms) instead of  $\gamma$ .

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