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Reeve

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GENETICAL RESEARCH publishes original work on all aspects of genetics, or in any field of research which has an important bearing on genetics. Papers will be submitted to referees before acceptance. They will generally be printed in order of acceptance. In addition, short notes limited to 1500 words or the equivalent space including figures, etc., may be included if received 3 months before publication date.

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NOTES FOR CONTRIBUTORS

CONTRIBUTIONS will be welcomed from scientists of all nationalities, but must be written in English, with an English summary. An additional summary in French, German, Russian or Italian will be accepted. Papers should be sent to the Executive Editor, Dr. E. C. R. Reeve, Institute of Animal Genetics, West Mains Road, Edinburgh 9.

GENERAL. Submission of a paper or note will be taken to imply that it is unpublished and is not being considered for publication elsewhere. Papers published in *Genetical Research* may not be reprinted or published in translation without permission from the Editorial Board. Papers should be as concise as clarity permits, and illustrations kept as few as possible. Attention to the following instructions will assist rapid publication.

TYPESCRIPTS. A top copy and one carbon copy should be submitted. They should be typed with double-spacing, on one side of the paper, leaving margins of about 1½ inches at the left-hand side and head of each sheet. Quarto is preferred to foolscap paper. Heavily corrected typescripts may have to be returned to the author for retyping. Papers should state the name and address of the author (or his proxy) to whom proofs are to be sent. The address of the laboratory at which the work was carried out will be printed with the authors' names at the head of the paper, and changes of address and sources of financial support may be added in footnotes.

A short title should be supplied for running headlines; this must not exceed 50 characters, counting each letter and space as one character.

(continued inside back of cover)

JOURNAL OF REPRODUCTION AND FERTILITY

The Journal publishes original papers, abstracts of Proceedings, and occasionally reviews and bibliographies, dealing with the morphology, physiology, biochemistry and pathology of reproduction in man and animals, and with the biological, medical and veterinary problems of fertility and lactation. Numbers are issued bimonthly to give two volumes a year.

Papers to appear during 1965 include:

- D. L. BLACK and R. T. DUBY. Effect of oxytocin, epinephrine and atropine on the oestrous cycle of the cow.
G. S. GREENWALD. Interruption of pregnancy in the rat by a uterine suture.
S. L. OXENREIDER, R. C. MCCLURE and B. N. DAY. Arteries and veins of the internal genitalia of female swine.
J. C. MCCARTHY. Effects of concurrent lactation on litter size and pre-natal mortality in an inbred strain of mice.
D. R. LAMOND. Seasonal variation in the effect of progesterone on oestrous cycles in beef heifers.
E. F. HARTREE and P. N. SRIVASTAVA. Chemical composition of the acrosomes of ram spermatozoa.
R. V. SHORT and I. O. BUSS. Biochemical and histological observations on the corpora lutea of the African elephant, *Loxodonta africana*.
R. G. WALES and I. G. WHITE. Some observations on the chemistry of dog semen.
A. MCLAREN. Genetic and environmental effects of foetal and placental growth in mice.
L. MASTROIANNI, JR., and R. JONES. Oxygen tension within the rabbit fallopian tube.
A. C. NEVO. Dependence of sperm motility and respiration on oxygen concentration.

Brief Communications

- J. A. COPPOLA and J. W. PERRINE. Inhibition of gonadotrophin-induced ovulation by norethynodrel in immature rats.
J. PAŘÍZEK. The peculiar toxicity of cadmium during pregnancy—an experimental 'toxaemia of pregnancy' induced by cadmium salts.
D. R. LANG. Synchronization of the ovarian cycle of the ewe after surgical suppression of the corpus luteum.
A. B. KAR, V. P. KAMBOJ and A. GOSWAMI. Sterilization of male Rhesus monkeys by iron salts.

Editorial correspondence should be sent to the Executive Editor, Journal of Reproduction and Fertility, 8 Jesus Lane, Cambridge, England, and business correspondence to the publishers.

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A list of the journals (currently over 500) which are regularly scrutinized by the abstractors is given in the first number of each volume. In the majority of cases an indicative abstract of the paper is prepared, but in a few cases—for instance, if the paper is a preliminary communication or the subject matter is border-line—an expanded title only is given.

The total number of abstracts published in a year exceeds 26,400. Monthly issues contain over 2,200 abstracts each. Three issues and index of subjects and authors constitute a quarterly volume.

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JOURNAL OF GENETICS

Editor: S. D. Jayakar, M.Sc.

18/1 BARRACKPORE TRUNK ROAD,
P.O. BELGHORIA (West Bengal), INDIA.

The Journal of Genetics publishes researches in genetics, as Bateson used that word, i.e., to mean "Heredity and Variation" in his letter of 18/4/1905 to Adam Sedgwick, and "The special physiology of Descent" in "Darwin and Modern Science" in 1909. Primarily a record of Research in the Commonwealth, it includes some outside contributions.

It has been possible to reduce the price of Journal of Genetics to R⁸.55, £4 5s, or \$15 per volume.

Subscriptions are accepted as per volume. Volume 59 is the current volume.

*All communications should be sent to "THE JOURNAL OF GENETICS",
18/1 Barrackpore Trunk Road, P.O. Belghoria, West Bengal, India*

SYMPOSIA GENETICA et BIOLOGICA ITALICA

A Journal of genetics and general biology mainly devoted to the scientific contributions of the "Istituto di Zoologia Lazzaro Spallanzani" of the University of Pavia and of the "Centro Appenninico", a biological station on Mount Terminillo (Rieti).

Some volumes are devoted to the "Proceedings" of international meetings organized by the Istituto L. Spallanzani.

- Vol. 1 (1950), Vol. 2 (1951), Vol. 3 (1952), Vol. 4 (1956), Vol. 5, (1957), Vol. 6 (1958-59), Vol. 7 (1960-61), Vol. 8 (1961), Vol. 9 (1962), Vol. 10 (1963), Vols. 11, 12 (1963), Vol. 13 (1963). In press
- Vol. 8 and Vol. 9: PROCEEDINGS ON THE INTERNATIONAL SYMPOSIUM OF EXPERIMENTAL BIOLOGY IN MEMORY OF SPALLANZANI.
Symposia on generation of microorganisms and biochemical evolution—Respiration of tissues—Metabolism and reproduction—Artificial insemination and sexual biology—Digestion, nutrition, symbiosis—Orientation and nervous activities—Circulation—Regeneration, transplants, histocompatibility. single vol. L. it. 6500 or \$10.5
- Vols. 10, 11, 12: PROCEEDINGS OF THE IV CONGRESS UIEIS (UNION INTERNATIONALE ETUDE INSECTES SOCIAUX), Pavia, 1962-63.
- Vol. 10: Symp. 1°: Endocrinology (Lüscher, Schweigèr, Karlson, Bernardini-Mosconi, Lukoschus, Schmidt, Jucci).
Symp. 2°: Cast differentiation (Gösswald, Brian, Pain, Simpson).
Simps. 4°: Gregarism and subsociality (Joly, Carlisle, Ellis, Raabe, Atwood, Hamard, Biliotti, Boistel, Manunta, Rabaglio, Bernardini-Mosconi) L. it. 6500 or \$10.5
- Vol. 11: Sect. 4°: Applications (Bonaventura, Schmidt, Schultze-Dewitz, Sampaio, Giordani-Soika, Gay, Pavan, Muller, Sy, Grimalsky, Gallo, Rudnev, Becker, Ruj). Sect. 1°: Termites (Richard, Snyder, Noiro, Lüscher, Harris, Krishna, Russo, Kalsoven, Baccetti, Howse, Wilkinson, Ernst, Hocking, Becker, Kushwaha, Springhetti) L. it. 6500 or \$10.5
- Vol. 12: Sect. 2°: Ants (Gösswald, Kloft, Pavan, Kneitz, Cole, Wellenstein, Kannowski, Kusnezov, Poldi, Ronchetti, Halberstadt, Haldane, Mukerji). Sect. 3°: Bees and wasps (Chauvin, Morse, Michener, Strambi, Esch, Husing, Da Costa Cruz, Altmann, Gontarski Vinogradova, Spurway).
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GENETICA AGRARIA

A Journal of "Genetics applied to Agriculture" edited by the Istituto di Zoologia of the University of Pavia with the support of the Società Italiana di Genetica Agraria (SIGA).

The Journal is issued four times a year. Price per volume of about 400 pages: from Vol. IX°, Lit. 5,000 or \$8.5; from Vol. XV°, Lit. 6,500 or \$10.5.

Miscellaneous papers, proceedings of special meetings and the Proceedings of the Annual Meeting of the SIGA are published:

- Vol. XV°; 1961, n. 1-2: Proceedings II° National Meeting on:
"durum wheat", Foggia (June 1960).
1962, n. 3-4: Proceedings of the VIII° Meeting of the SIGA in Bergamoon:
"Breeding for quality in cultivated plants".
- Vol. XVI°; 1963, n. 1-4: Proceedings of the VIII° Meeting of the SIGA (continued) and miscellaneous contributions.
- Vol. XVII°; 1963, n. 1-4: Proceedings of the FAO Meeting on:
"Plant exploration and introduction", Rome 1961, edited by Julén.
- Vol. XVIII°; 1964, n. 1-2; 3: Proceedings of the IX° Meeting of the SIGA (Palermo 1963).
- Vol. XIX°; 1965: Proceedings of the X° Meeting of the SIGA (Rieti 1964) and miscellaneous papers (in press).

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