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Gene News

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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 Submission of a paper or note will be taken to imply that it is unpublished and is not being considered for publication elsewhere.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 late 1963 include:

- F. A. SOLIMAN, H. NASR and K. ZAKI. Levels of thyroid and thyrotrophic hormones in the blood of Friesian cows at various reproductive stages.
- G. W. SALISBURY, C. N. GRAVES, N. R. NAKABAYASHI and R. G. CRAGLE. Observations on the aerobic metabolism of bull and goat epididymal spermatozoa.
- G. W. SALISBURY and C. N. GRAVES. Substrate-free epididymal-like mammalian spermatozoa.
- A. C. NEVO, S. R. CAPLAN and H. SCHINDLER. Duration of motility and glycolysis of fowl spermatozoa *in vitro*, under anaerobic conditions, constant pH and constant glucose concentration.
- P. L. G. DE SILVA. Evidence for absence of an effect of temperature shock on fertilizing ability of fowl spermatozoa.
- M. X. ZARROW, A. FAROOQ, V. H. DENENBERG, P. B. SAWIN and S. ROSS. Maternal behaviour in the rabbit: endocrine control of maternal nest building.
- ANNE McLAREN and A. K. TARKOWSKI. Implantation of mouse eggs in the peritoneal cavity.
- J. S. PERRY and I. W. ROWLANDS. Hypophysectomy of the immature guinea-pig and the ovarian response to gonadotrophin.
- C. A. FINN, S. M. FITCH and R. D. HARKNESS. The collagen content of barren and previously pregnant uterine horns in old mice.
- R. YANAGIMACHI and M. C. CHANG. Sperm ascent through the oviduct of the hamster and rabbit in relation to the time of ovulation.
- E. W. HAHN and R. L. HAYS. Modification of the secondary sex ratio in the albino rat by progestin and oestrogen therapy.
- J. I. RAESIDE. Urinary oestrogen excretion in the pig at oestrus and during the oestrous cycle.
- J. I. RAESIDE. Urinary oestrogen excretion in the pig during pregnancy and parturition.
- I. C. A. MARTIN. The revival of bull spermatozoa after deep-freezing to -79°C following equilibration in diluents of various tonicities.
- I. C. A. MARTIN. Effects of lecithin, egg-yolk, fructose and period of storage at 5°C on bull spermatozoa deep-frozen to -79°C .

Editorial correspondence should be sent to Dr C. R. Austin, Physiological Laboratory, Downing Street, Cambridge, England, and business correspondence to the publishers.

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JOURNALS COVERED

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.

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Recent review articles include "Fertilisation in Farm Animals" by J. L. Hancock; "Puberty in Farm Animals" by D. M. Joubert; and "Body Growth and Fleece Development in the New Zealand Romney N-Type Sheep," by F. Cockrem.

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A Journal of Genetics and general biology in which are collected together papers concerning original researches carried out at the "Spallanzani Institute" of Zoology, University of Pavia, and at the Appenninic Center, a biological station on Mount Terminillo (Rieti) organized for international cooperation in geneticological research and in the applications of genetics to agriculture.
Vol. 1 ('50), Vol. 2 ('51), Vol. 3 ('53), Vol. 4 ('55), Vol. 5 ('57), Vol. 6 ('58-'59), Vol. 7, 8, 9 ('61)
Vol. 10 ('62), Vol. 11, 12, 13 (in press).

Vol. 8 and Vol. 9: PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM OF
EXPERIMENTAL BIOLOGY IN MEMORY OF SPALLANZANI.

Symposia on Generation of microorganism 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. L. it. 6.500 or \$10.5 single part

Vol. 10, 11, 12: PROCEEDINGS OF THE IV CONGRESS UIEIS (UNION
INTERNATIONAL ETUDE INSECT SOCIAUX), Pavia, 1961.

Vol. 10: Symp. 1°: Endocrinology Lüscher, Schweiger-Karlson, Bernardini Mosconi, Lukoschus, Schmidt, Jucci).

Symp. 2°: Cast differentiation (Gösswald, Brian, Pain, Simpson).

Symp. 4°: Gregarism and subsociality (Joly, Carlisle, Ellis, Raabe, Atwood, Hamard, Biliotti, Boistel, Manunta, Rabaglio, Bernardini Mosconi. L. it. 6.500 or \$10.5

Vol. 11: Sect. 4°: Applications (Bonaventura, Schmidt, Schultze-Dewitz, Sampiao, Giordani-Soika, Gay, Pavan, Muller, Sy, Grimalsky, Gallo, Rudnev, Becker, Ruf).

Sect. 1°: Termites (Richard, Snyder, Noirot, Lüscher, Harris, Krishna, Russo, Kalshoven, Baccetti, Howse, Wilkinson, Ernst, Hocking, Becker, Kushwaha, Springhetti). In press

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).

Symp. 3°: Symbiosis (Grassé, Buchner, Koch, Fava, Laudani, Jucci). In press

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Managing Editor: Prof. C. Jucci, Centro di Genetica del C.N.R., P. Botta, Pavia (Italy).

GENETICA AGRARIA

A Journal of "Genetics applied to Agriculture" edited by "Centro di Genetica del Consiglio Nazionale delle Ricerche" and "Società Italiana di Genetica Agraria", (SIGA) Pavia, Italy.

The Journal is issued four times a year. Price per volume of about 400 pages: from Vol. IX° L. 5000 or \$8.5; from Vol. XV° L. 6500 or \$10.5.

Besides other original papers, Proceedings of the annual Symposia of the SIGA are published:

Vol. XIII°, 1960: n. 1-2: pp. 221, Figg. 7, Tab. 47+2 Col. Proceedings VI° Meeting SIGA in Forlì, '59. Reports (in English) of Favret, Julén, Gélín, Heaslot, Jolly, and (in Italian) of Jucci, Esposito Avanzi, Scarascia, Wittmer, Marchesi, Meletti Manunta, Fava, Rognoni; n. 3-4: Reports (in English) of Datta, Wood; and (in Italian) of Buiatti Bernardini, Bettini Bianchi etc.

Vol. XIV°, 1961: n. 1-2-3-4 "Proceedings VII° Meeting of the SIGA in Padova" on "Genetics and Agriculture: in silkworms culture, in agricultural entomology and in plant breeding" (reports (in English) of McKelvie, Wood, Spurway, Hogen, Heach; (in French) of Genevois, Pocheon; (in Italian) of Lombardi, Bianchi, Manunta, Milani, Masera, Rognoni, Colombo, Giorgi, Battaglia).

Vol. XV°, 1961: n. 1-2: Proceedings II° National Meeting on "durum wheat", Foggia (June 1960). Reports of Carrante, Jucci, Visco, Conti, Dionigi, Maliani, Candura, Casali, Agnesi, Kokolios (Greece), Bonaspetti (Brazil); n. 3-4: Proceedings of the VIII° Meeting of the SIGA in Bergamo on: "Breeding for quality in cultivated plants and methods for it." Reports (in English) of Banga, Wood; (in German) of Schwanitz, Hackbarth; and in Italian of Fenaroli Bianchi, Meletti, Piccarolo, Manunta, Rognoni, Dionigi, Panella, Uncini.

Vol. XVI°, 1962: n. 1-2-3-4. Idem

Vol. XVII°, 1962: n. 1-2-3-4: "Proceedings of the FAO Meeting on Plant exploration and introduction", Rome 1961 (reports in English, French and Spanish).

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