

The deferent duct was very sinuous and full of spermatozoa stored in a seminal vesicle and expelled during copulation into a proctodaeal gutter which channeled them towards the helicoidal groove of the penis.

3. The penis is composed of an internal erect tube on which another external devagination tube is fixed.

---

## II. — Genetics and behaviour

### **STABILIZING SELECTION AND GENETIC HOMEOSTASIS IN *COTURNIX COTURNIX JAPONICA***

G. LUCOTTE

*Service Caille du Groupe des Laboratoires du C. N. R. S.,  
91190 Gif sur Yvette*

---

The relationship between egg weight and hatchability was established in several Japanese Quail populations. Maximum hatchability above the mean of egg weight arrays, and remained at this level in spite of egg weight variations. Inbreeding caused decreasing hatchability of extreme egg weight classes.

---

### **FIVE YEARS OF STUDY ON THE REPRODUCTION OF GEESE ACCORDING TO VARIOUS FACTORS OF REARING**

G. J. E. MONACHON et D. ROUSSELOT PAILLEY

*Station Expérimentale de l'Oie, I. N. R. A.,  
Artiguères-Benquet,  
B. P. 68, 40002 Mont de Marsan*

---

### **AMBIANT HEATING AND ITS SUBSEQUENT EFFECTS ON THE VIABILITY OF BROILERS REARED IN CAGES**

L. CONAN

*Station expérimentale d'Aviculture du Magneraud, I. N. R. A.,  
17700 Surgères*

---

From January 1971 to December 1972, we studied 8 flocks of broilers caged from the age of one day and till 50 days. Different strains were used. The cages were located in a windowless house where the main purpose was to compare the different strains of broilers. Filtered air and positive