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THE  
PHYSIOLOGY OF REPRODUCTION  
IN THE COW

BY  
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## PREFACE

WHEN investigating problems in the relatively new subject of Agricultural Science one is often up against the fact that there are few textbooks giving in any detail an account of knowledge up to date, so that while writing an account of an investigation into the physiology of reproduction and the development of the udder in the cow it was determined to include references to recent literature on the subject. In this way it was hoped that the account would be of use in the future to those doing research on this subject and save them time in getting acquainted with the literature as well as forming a reference book for advanced students and practitioners in Agricultural and Veterinary Science.

Unfortunately there was some little delay in getting a work of this kind with many illustrations published and since the text was written in 1922 many papers have been seen which should have been referred to; as it was difficult to insert these in the text mention has been made of the more important ones in an Addendum.

My thanks are due to Dr F. H. A. Marshall, F.R.S., who has throughout the course of the investigation given me the benefit of his advice and wide experience.

I am also under obligation to the late Mr K. J. J. Mackenzie, Director of the University Farm, who put his records and many of his animals at my disposal.

My thanks are also due to Messrs Warrington and Sons for the use of their slaughterhouse at all hours of the day and night, and to Mr N. Langridge of the University Plant Breeding Farm, for assistance in the selection of suitable animals.

I am indebted also to the Royal Veterinary College for the use of their Library; to the willing help of my laboratory assistants—S. J. Tadman and J. Pike, on whom many of the arduous duties have fallen, and to Clement W. Williamson who has taken the photographs for me.

The experiments were conducted at the Field Laboratories, Milton Road, Cambridge.

The expenses of the investigation were largely defrayed by a grant from the Ministry of Agriculture and Fisheries who have also provided funds to assist in publication.

J. H.

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## CONTENTS

I. INTRODUCTION . . . . .	page 1
MATERIAL . . . . .	2
METHODS . . . . .	3
II. THE BREEDING SEASON . . . . .	5
AGE OF PUBERTY . . . . .	7
III. THE OESTROUS CYCLE . . . . .	9
1. PERIODICITY AND RHYTHM . . . . .	9
2. THE DURATION OF OESTRUS . . . . .	18
3. PSYCHOLOGICAL CHANGES—EXTERNAL SIGNS OF OESTRUS . . . . .	29
4. THE ANATOMICAL CHANGES . . . . .	32
Introduction . . . . .	32
(a) The Ovaries . . . . .	32
(b) The Uterus . . . . .	49
(c) The Cervix . . . . .	54
(d) The Vagina . . . . .	56
(e) The Mammary Glands . . . . .	59
5. THE HISTOLOGICAL CHANGES . . . . .	72
Introduction . . . . .	72
(a) The Ovaries . . . . .	76
(b) The Origin and Distribution of Mucin . . . . .	85
(c) The Uterus . . . . .	87
(d) The Cervix . . . . .	92
(e) The Vagina . . . . .	94
(f) The Vaginal Discharges . . . . .	99
(g) The Mammary Glands . . . . .	104
IV. PREGNANCY . . . . .	112
Introduction . . . . .	112
(a) The Ovaries . . . . .	121
(b) The Uterus and its Contents . . . . .	129
(1) Size and proportion of the parts . . . . .	130
(2) The Uterus . . . . .	138
(3) Foetal Tissues . . . . .	156
(c) The Cervix . . . . .	164
(d) The Vagina . . . . .	166
(e) The Mammary Glands . . . . .	168
V. STERILITY . . . . .	179
SUMMARY . . . . .	196
APPENDIX I. REPLIES OF HERDSMEN TO QUERIES . . . . .	199

viii	<i>Reproduction in Cattle</i>	
	APPENDIX II. EXTRACTS FROM LOGBOOK . . . . .	203
	BIBLIOGRAPHY . . . . .	205
	ADDENDUM . . . . .	215
	INDEX OF AUTHORS . . . . .	219
	INDEX OF SUBJECTS . . . . .	222



## LIST OF ILLUSTRATIONS

### PLATE I

Sections through the ovaries of heifers killed during different stages of the oestrous cycle. C 5, 3 days before heat; C 3, about 14 hours before; C 7, 6th hour of heat; C 1, 24 hours after beginning of heat; C 4, 48 hours after beginning of heat; C 6, 72 hours after beginning of heat; C 2, 8 days after beginning of heat. For detailed description see Table VII. Scale, natural size. The drawing was made after the material had been fixed and mounted so that the natural colours are not quite correctly represented . . . . . *facing page 32*

### PLATE II

Sections through the ovaries of cows obtained from slaughterhouses. Period of cycle estimated from comparison with series shown in Plate I. For period of cycle and description see Table XI. Scale,  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 40*

### PLATE III

1. Sections through the ovaries of calves before puberty. Approximate age: No. 2, 2 months; No. 8, 3-4 months; No. 24, 4-5 months; No. 12, 5 months; Nos. 11 and 25, 6 months. For description see Table VIII. Scale,  $\frac{1}{2}$ " marks at base of photo.  
 2. Sections through the ovaries of heifers obtained from slaughterhouses. Period of cycle estimated from comparison with series shown in Plate I. For period of cycle, age and description see Table X. Scale,  $\frac{1}{2}$ " marks at base of photo.  
 3. Sections through the ovaries of experimental cows. For description see Table XXXIII. Scale  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 42*

### PLATE IV

1. Section through udder of calf No. 11. Six months old. Stained with haematoxylin. Below vertical section through one quarter; nipple removed but cistern visible. Above, horizontal section through one side; fore-quarter smaller than hind-quarter. Scale,  $\frac{1}{2}$ " marks at base of photo.  
 2. Section through udder of cow No. 3. Almost dry. On left, horizontal section through one side; no distinct line of division between fore and hind-quarters seen. On right, vertical section through right and left hind-quarters; nipples removed but cisterns visible on extreme right. The elastic band dividing the two sides of the udder is well shown; below, an artery is shown and, above, a small lymphatic gland. Scale,  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 60*

### PLATE V

1. Section through the udder of a freemartin heifer No. 38. About 3 years old. Vertical section through one side. Mainly fat, only small amount of mammary tissue visible in hind-quarter. Scale,  $\frac{1}{2}$ " marks at base of photo.  
 2. Section through the udder of heifer killed during the oestrous cycle—3 days before heat. Vertical section through one side. Scale,  $\frac{1}{2}$ " marks at base of photo.  
 3. Section through the udder of heifer killed during the oestrous cycle—about 14 hours before heat . . . . . *facing page 64*

### PLATE VI

1. Udder of heifer during the oestrous cycle—6th hour of heat.  
 2. Udder of heifer during the oestrous cycle—24 hours after the beginning of heat.  
 3. Udder of heifer during the oestrous cycle—48 hours after the beginning of heat. Vertical sections through one side. Scale,  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 66*

*Reproduction in Cattle*

## PLATE VII

1. Udder of heifer during the oestrous cycle—72 hours after the beginning of heat.
2. Udder of heifer during the oestrous cycle—8 days after heat.
3. Udder of heifer—1 month pregnant.

Vertical sections through one side. Scale,  $\frac{1}{2}$ " marks at base of photo.

*facing page 68*

## PLATE VIII

1. Section through newly formed corpus luteum from ovary of heifer C 6; 72 hours after beginning of heat.
2. Section through fully formed corpus luteum from ovary of heifer C 2; 8 days after heat.
3. Section through degenerating corpus luteum from ovary of heifer C 7; at time of next heat period (21 days old).
4. Section through degenerating corpus luteum from ovary of heifer C 4; at 3 days after the next heat period (23 days old).
5. Section through old corpus luteum from ovary of heifer C 5; at 17 days after the next heat period (37 days old).
6. Section through the corpus luteum from ovary of a pregnant heifer (P 9) at the 8th month.

For descriptions see pp. 79 and 121. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece.

*facing page 78*

## PLATE IX

1. Section through wall of large Graafian follicle from ovary of heifer C 1 just before rupture. For description see p. 77. Compare with Plate XXI, 4.
2. Section through newly formed corpus luteum from ovary of heifer C 4; 48 hours after beginning of heat.
3. Section through newly formed corpus luteum from ovary of heifer C 6; 72 hours after beginning of heat.
4. Section through fully formed corpus luteum from ovary of heifer C 2; 8 days after heat.

For descriptions see p. 79. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece . . .

*facing page 80*

## PLATE X

1. Section through degenerating corpus luteum from ovary of heifer C 7; at time of next heat period (21 days old).
2. Section through degenerating corpus luteum from ovary of heifer C 4; at 3 days after next heat period (23 days old).
3. Section through old corpus luteum from ovary of heifer C 5; at 17 days after the next heat period (37 days old).
4. Section through the corpus luteum from ovary of a pregnant heifer (P 9) at the 8th month.

For descriptions see pp. 79 and 121. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece. *facing page 82*

## PLATE XI

1. Section through newly formed corpus luteum from ovary of heifer C 4; 48 hours after beginning of heat. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece.

Sections of epithelium of generative tract of heifer C 4 (48 hours after beginning of heat) to show the distribution of mucin. Stained with Fe haem. and mucicarmin:—

2. Uterus.

*List of Illustrations*

xi

3. Cervix.
  4. Vagina next os.
  5. Vagina above urethra.
  6. Vagina next vulva.
- Scale,  $\frac{1}{8}$ " and 1 ( $\times 5$ ) eye-piece . . . . . *facing page 86*

PLATE XII

1. Section through a cotyledon from the uterus of heifer C 5; 3 days before heat. For description see p. 88. Scale,  $\frac{1}{8}$ " and 1 ( $\times 5$ ) eye-piece.
  2. Section through a cotyledon from the uterus of heifer C 4; 48 hours after the beginning of heat. For description see p. 88. Scale,  $\frac{1}{8}$ " and 1 ( $\times 8$ ) eye-piece.
  3. Section through a cotyledon from the uterus of heifer C 2; 8 days after the beginning of heat. For description see p. 88. Scale,  $\frac{1}{8}$ " and 1 ( $\times 5$ ) eye-piece.
  4. Section through the base of a cotyledon of the uterus of a cow (No. 34) showing the thickened walls of the blood vessels the lumen of which is reduced by connective tissue growths. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece.
  5. Section through the intercotyledonary area of the uterus of a calf (No. 24); 4–5 months old. The section shows not only the mucosa but also the circular muscle layer, stratum vasculosum and longitudinal muscle. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece.
  6. Section through the intercotyledonary area of the uterus of heifer C 3; about 14 hours before heat. For description see p. 89. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece.
- facing page 88*

PLATE XIII

1. Section through the intercotyledonary area of the uterus of heifer C 4; 48 hours after the beginning of heat. For description see p. 89.
2. Section through the intercotyledonary area of the uterus of heifer C 6; 72 hours after the beginning of heat. For description see p. 89.
3. Section through the intercotyledonary area of the uterus of heifer C 2; 8 days after the beginning of heat. For description see p. 89.
4. Section through uterine mucosa in intercotyledonary area from heifer P 2 in the 1st month of pregnancy. For description see p. 141.
5. Section through the uterine mucosa in the intercotyledonary area from heifer P 1 in the 4th month of pregnancy. For description see p. 142.
6. Section through the uterine mucosa in the intercotyledonary area from heifer P 6 in the 7th month of pregnancy. For description see p. 142. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece . . . . . *facing page 90*

PLATE XIV

1. Section through the cervical epithelium of heifer C 2; 8 days after heat. For description see p. 93. Scale,  $\frac{1}{8}$ " and 1 ( $\times 5$ ) eye-piece.
2. Section through cervical epithelium of heifer C 7; 6th hour of heat. For description see p. 93. Scale,  $\frac{1}{8}$ " and 1 ( $\times 5$ ) eye-piece.
3. Section through the cervix of cow (No. 34) shortly after the heat period; showing the folds of the mucosa which are lined by simple mucous glands. At this stage of the cycle both the lumen of the glands and the spaces between the folds are free from large accumulations of mucus. Scale, 2" and 1 ( $\times 5$ ) eye-piece.
4. Section through the cervix of heifer (No. 18); pregnant about 3½ months. The spaces between the folds of the mucosa are distended with thick mucus. For description see p. 165. Scale, 2" and 1 ( $\times 5$ ) eye-piece . . . . . *facing page 92*

## PLATE XV

1. Section through epithelium of the vagina next the vulva of heifer C 5; 3 days before heat.
  2. Section through epithelium of the vagina next the vulva of heifer C 7; 6th hour of heat.
  3. Section through epithelium of the vagina next the vulva of heifer C 1; 24 hours after the beginning of heat.
  4. Section through epithelium of the vagina next the vulva of heifer C 4; 48 hours after the beginning of heat.
- For description see p. 97. Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece . . . . . *facing page 96*

## PLATE XVI

1. Smear from vaginal discharges of heifer C 2; 3 days before oestrus. For description see Table XVIII.
  2. Smear from vaginal discharges of heifer C 2; at beginning of oestrus. For description see Table XVIII.
  3. Smear from vaginal discharges of heifer C 2; 7 hours after end of oestrus. For description see Table XVIII.
  4. Smear from vaginal discharges of heifer C 6; 72 hours after the beginning of heat. For description see Table XIX.
  5. Smear from vaginal discharges of heifer C 2; 34 hours after end of heat. For description see Table XVIII.
  6. Smear from vaginal discharges of heifer C 2; 15 days after heat. For description see Table XVIII.
- Scale,  $\frac{1}{8}$ " and 1 ( $\times 5$ ) eye-piece. . . . . *facing page 100*

## PLATE XVII

1. Section through developing mammary gland of heifer foetus at 2 months (from heifer P 4). For description see p. 105. Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece (tube extended 7.5 cm.).
2. Section through developing mammary gland of heifer foetus at 3 months (from heifer P 3). For description see p. 105. Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece.
3. Section through developing mammary gland of heifer foetus at 4 months (from heifer P 4). For description see p. 105. Scale,  $\frac{3}{8}$ " and 2 ( $\times 6$ ) eye-piece.
4. Section through developing mammary gland of bull foetus at 5 months (from heifer P 5). For description see p. 105. Scale, 2" and 3 ( $\times 8$ ) eye-piece.
5. Section through developing mammary gland of heifer foetus at 6 months (from heifer P 7). For description see p. 105. Scale, 2" and 3 ( $\times 8$ ) eye-piece.
6. Section through developing mammary gland of bull foetus at 8 months (from heifer P 9). For description see p. 107. Scale, 2" and 2 ( $\times 6$ ) eye-piece. *facing page 106*

## PLATE XVIII

1. Section through mammary gland of calf (No. 25) 6 months old. For description see p. 108.
  2. Section through mammary gland of a freemartin (No. 38) 3 years old. For description see p. 108.
  3. Section through mammary gland of heifer C 3 (about 2 years old); about 14 hours before oestrus. For description see p. 109.
  4. Section through mammary gland of heifer C 2 (about 2 years 3 months old); 8 days after oestrus. For description see p. 109.
- Scale,  $\frac{3}{8}$ " and 1 ( $\times 5$ ) eye-piece . . . . . *facing page 108*

*List of Illustrations*

xiii

PLATE XIX

1. Section through mammary gland of calf (No. 25) 6 months old.
  2. Section through mammary gland of a freemartin (No. 38) 3 years old.
  3. Section through mammary gland of heifer C 3 (about 2 years old); about 14 hours before oestrus.
  4. Section through mammary gland of heifer C 2 (about 2 years 3 months old); 8 days after oestrus.
- For description see pp. 108 and 109. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece. *facing page 110*

PLATE XX

1. Sections through the ovaries of heifers killed at various stages of pregnancy. For description see Table XXIII. P 2, 1st month; P 4, 2nd month; P 3, 3rd month; P 1, 4th month; P 5, 5th month; P 7, 6th month; P 6, 7th month; P 9, 8th month (4 week months).
2. Sections through the ovaries of pregnant cows and heifers obtained from slaughter-houses. Period of pregnancy estimated from size of foetus. For description see Table XXIV. Heifer 42, about 1 month; heifer 41, about  $3\frac{1}{2}$  months; cow 18, about  $3\frac{1}{2}$  months; heifer 39, about  $4\frac{1}{2}$  months; heifer 43, about  $4\frac{1}{2}$  months; heifer 36, about 5 months; cow 35, about 6 months.
3. Sections through the ovaries of sterile cows. For description see Table XXXII. Scale,  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 122*

PLATE XXI

- Sections through the ovary of heifer P 6 at the 7th month of pregnancy showing follicles in various stages of degeneration. For description see p. 129.
1. Early stage of atrophy. Scale,  $\frac{3}{8}$ " and 1 ( $\times 5$ ) eye-piece.
  2. Mid-stage of atrophy. Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece.
  3. Late stage of atrophy. Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece.
  4. Section through wall of small Graafian follicle from ovary of heifer C 4; some 18 days before the next ovulation. Compare with Plate IX, 1. For description see p. 77. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece . . . . . *facing page 128*

PLATE XXII

1. Section through a cotyledon of the uterus of heifer P 2 in the 1st month of pregnancy. For description see p. 148.
  2. Section through a cotyledon of the uterus of heifer P 4 in the 2nd month of pregnancy. For description see p. 149. Left side of cotyledon.
  3. The same. Right side of cotyledon.
  4. Section showing the accumulation of uterine secretions in the space between the foetal membranes (centre) and intercotyledonary area of the uterine mucosa (left and right); from the non-pregnant horn of the uterus of heifer P 1 in the 4th month of pregnancy. For description see p. 161.
- Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece . . . . . *facing page 148*

PLATE XXIII

1. Section through the cotyledon of the uterus of heifer P 5 in the 5th month of pregnancy. For description see p. 149. Scale,  $\frac{3}{8}$ " and 3 ( $\times 8$ ) eye-piece.
2. Section through the foetal membranes over a cotyledon from the uterus of heifer P 7 in the 6th month of pregnancy. For description see p. 150. Scale,  $\frac{1}{8}$ " and 2 ( $\times 6$ ) eye-piece . . . . . *facing page 150*





*List of Illustrations*

XV

2. Vertical longitudinal section through one side of the udder of heifer P 1 killed at the 4th month of pregnancy. For description see p. 172. Scale,  $\frac{1}{2}$ " marks at base of photo.
3. Vertical longitudinal section through one side of the udder of heifer P 5 killed at the 5th month of pregnancy. For description see p. 172. Scale,  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 168*

PLATE XXIX

1. Vertical longitudinal section through one side of the udder of heifer P 7 killed at the 6th month of pregnancy.
2. Vertical longitudinal section through one side of the udder of heifer P 6 killed at the 7th month of pregnancy. Fluids had been withdrawn at intervals.
3. Vertical longitudinal section through one side of the udder of heifer P 9 killed at the 8th month of pregnancy. Fluids had not been withdrawn.  
 For description see p. 172. Scale,  $\frac{1}{2}$ " marks at base of photo. . . . . *facing page 170*

PLATE XXX

1. Section through the mammary gland of heifer P 4 in the 2nd month of the first pregnancy.
2. Section through the mammary gland of heifer P 1 in the 4th month of the first pregnancy.
3. Section through the mammary gland of heifer P 5 in the 5th month of the first pregnancy.
4. Section through the mammary gland of heifer P 7 in the 6th month of the first pregnancy.
5. Section through the mammary gland of heifer P 6 in the 7th month of the first pregnancy.
6. Section through the mammary gland of heifer P 9 in the 8th month of the first pregnancy; the secretions had not been withdrawn during pregnancy as was the case with P 5, P 6 and P 7.  
 For description see pp. 173 and 174. Scale,  $\frac{3}{8}$ " and 1 ( $\times 5$ ) eye-piece. . . . . *facing page 172*

PLATE XXXI

1. Section through mammary gland of heifer P 4 in the 2nd month of the first pregnancy.
2. Section through mammary gland of heifer P 1 in the 4th month of the first pregnancy.
3. Section through mammary gland of heifer P 5 in the 5th month of the first pregnancy.
4. Section through mammary gland of heifer P 7 in the 6th month of the first pregnancy.  
 For description see pp. 173 and 174. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece. . . . . *facing page 174*

PLATE XXXII

1. Section through mammary gland of heifer P 6 in the 7th month of the first pregnancy. For description see p. 174. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece.
2. Section through mammary gland of heifer P 9 in the 8th month of the first pregnancy; the secretions had not been withdrawn during pregnancy as was the case with P 6. For description see p. 174. Scale,  $\frac{1}{8}$ " and 3 ( $\times 8$ ) eye-piece.
3. Section through a pustule in the inner surface of the amnion; from heifer P 3 in the 3rd month of pregnancy. For description see p. 162. Scale,  $\frac{2}{3}$ " and 3 ( $\times 8$ ) eye-piece.

*Reproduction in Cattle*

4. Section through a pustule in the inner surface of the amnion; from heifer P 5 in the 5th month of pregnancy. For description see p. 162. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece.
5. Section through a pustule in the inner surface of the amnion; from heifer P 9 in the 8th month of pregnancy. For description see p. 163. Scale,  $\frac{2}{3}$ " and 2 ( $\times 6$ ) eye-piece . . . . . *facing page 176*

## PLATE XXXIII

1. Section through the wall of a large follicular cyst; from the ovary of cow No. 10. For description see p. 187. Scale,  $\frac{2}{3}$ " and 3 ( $\times 8$ ) eye-piece.
2. Section through the wall of one of the many small cysts; from the ovary of cow No. 28. For description see p. 187. Scale,  $\frac{2}{3}$ " and 3 ( $\times 8$ ) eye-piece.
3. Section through the wall of the large unruptured follicle and adjoining scar tissue where the corpus luteum was squeezed out; from cow A 3. For description see p. 192. Scale, 1" and 1 ( $\times 5$ ) eye-piece.
4. Photograph showing an early stage in the formation of a hippomane in the pregnant uterus of a sheep. The inner surfaces of the foetal membranes are exposed; the attachments to the cotyledons are distinctly seen and in the lower right-hand corner is seen a sac of the foetal membranes containing a large quantity of semi-solid uterine secretions . . . . . *facing page 186*