

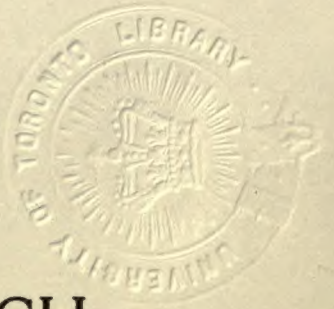


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BIOMETRIC SERIES VI

A MONOGRAPH ON ALBINISM IN MAN

BY
KARL PEARSON, F.R.S., E. NETTLESHIP, F.R.C.S.,
AND
C. H. USHER, M.B., B.C. CAMB.

ATLAS

PART I

PHOTOGRAPHIC PLATES A—Z AND AA—ZZ

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Atlas

pt. 1

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ACQUIRED PARTIAL ALBINISM.

BEIGEL'S CASE.



(4)

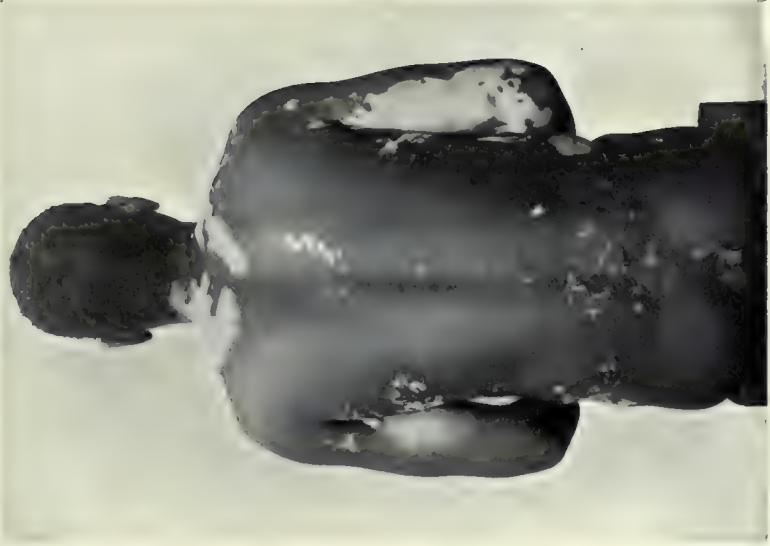


(5)

LEUCODERMA IN A NEGRO (SIR RICHARD BURTON'S CASE).



(6)



(7)



(8)

LEUCODERMA IN ZULU, FIGS. (6) AND (7). (DR C. WARD'S CASE.)
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ALBINISM IN MAN.

PLATE D.



(9)



(10)



(11)

LEUCODERMA IN EGYPTIANS (DR F. M. SANDWICH'S CASES).



(12)



(13)



CAST OF PIED NEGRO CHILD AT ST THOMAS' HOSPITAL, LONDON. (14)



FROM A PICTURE AT MARLOW. (15)



AFTER CHAMBERS. (16)



FROM A PRINT BY GRETTON. (17)



AFTER BUFFON. (18)



AFTER GRANGER.

(19)

PIED NEGRO (GRANGER-BLUMENBACH CASE).



(20)

AFTER BLUMENBACH.

ALBINISM IN MAN.

PLATE H.



(21)

MOTHER AND CHILDREN FROM NYASSALAND
(DR EMSLIE'S CASE).



(22)

INHERITANCE OF WHITE 'FLARE,' (MR N. BISHOP HARMAN'S
SECOND CASE).

PARTIAL ALBINISM.



(23)



(24)



(25)



(26)

CONGENITAL PARTIAL ALBINISM IN PAPUAN BOY. PHOTOGRAPHS AT DIFFERENT AGES.



(27)



(28)



(29)



(30)

CONGENITAL PARTIAL ALBINISM.
EUROPEAN BOY (DR GILBERT SMITH'S CASE).
JEWISH GIRL (MR N. BISHOP HARMAN'S FIRST CASE).



(31)



(32)



(33)



(34)



(35)



(36)



(37)

COMPLETE ALBINISM IN EUROPEAN MEN.



(38)



(39)



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(43)

EUROPEAN ALBINOS, PARENTS AND CHILDREN.



INCOMPLETE SCOTTISH ALBINOS (C. H. USHER'S CASE).

(44)



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(46)

NORWEGIAN ALBINOS, DR MAGNUS' CASE.
EUROPEAN ALBINOS, CHILDREN.



(47)



(48)

SINGHALESE ALBINO AND HIS BROTHER (SIR ALAN PERRY'S CASE, FIG. 9).



(49)

MALAY ALBINO (FIG. 353).



(50)

MALAY ALBINO (FIG. 353).

(DR FRASER'S CASES.)



(51)

TAMIL ALBINO (FIG. 418).



(52)

TATI AND HER MALAY HUSBAND (FIG. 351).



(53)

TIRIAH AND HER CHINESE HUSBAND (FIG. 350).



(54)

TATI AND TIRIAH, ALBINO MALAYS.
(DR FRASER'S CASES, FIGS. 350 AND 351).

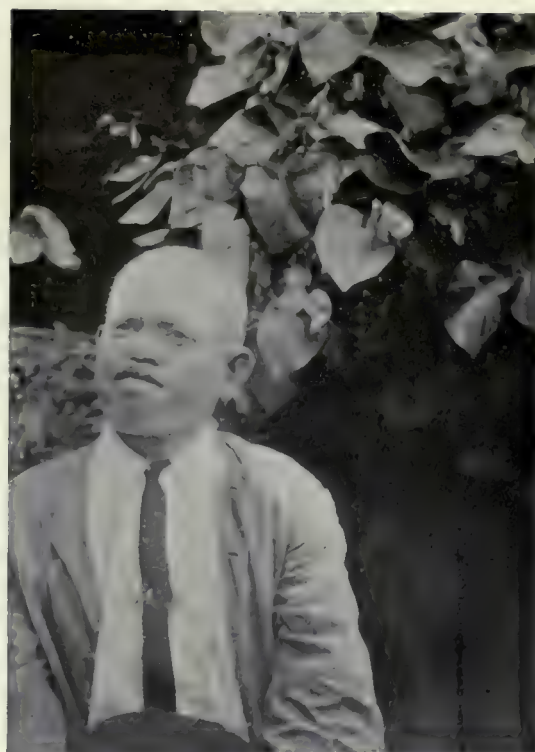


(55)

JAPANESE ALBINO BOY.
(PROFESSOR KOMATO'S CASE.)



(56)
NORMAL NATIVE AND MISIKINGI (FIG. 388).



(57)
ALBINO RUSIATI SEN FROM REWA (FIG. 390).



(58)
FIJIAN ALBINO CHILDREN AND THEIR
GRANDMOTHER. WAINIKITI LEWADAMU AND
LOUISA LAGIVORO (FIG. 329 *d*).



(59)
ALBINO GASAGASA AND HER MOTHER
(FIG. 329 *d*).

TYPICAL FIJIAN ALBINOS, SHOWING ABSENCE OF "FRECKLES" IN THOSE NOT EXPOSED TO THE SUN.



(60)

SITERI, FIJIAN ALBINO (FIG. 385).



(61)

SITERI, FIJIAN ALBINO.



(62)

SERA AND ASENE, FIJIAN ALBINOS (FIG. 444).



(63)

SERA AND ASENE, FIJIAN ALBINOS.

(C. H. USHER'S CASES.)



ISERELI NAVUNENE (FIG. 334). (64)



ETONIA BIAN (FIG. 444). (65)



SAMUELA NOVOCE (FIG. 386). (66)





(70)

PAPUAN ALBINO BODOWA (MR J. TAAFFE'S CASE). NEW GUINEA. FIG. 417.



(71)



(72)

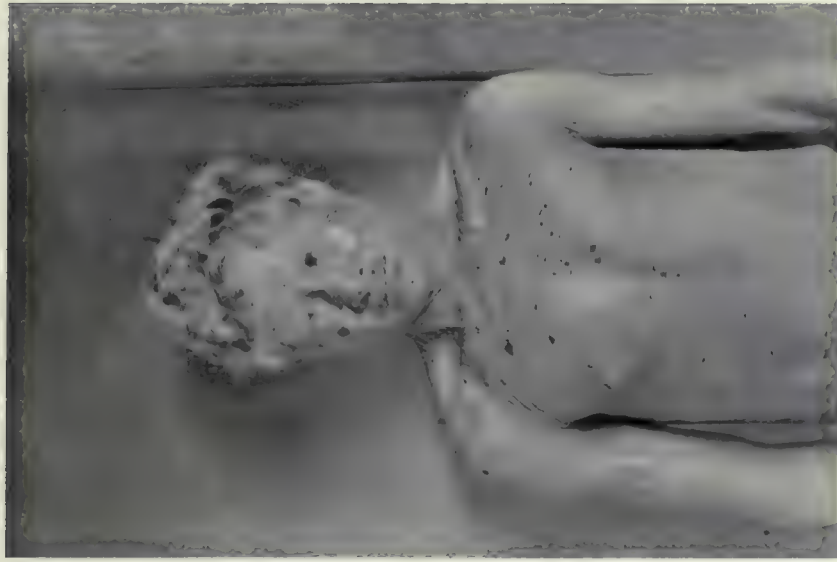
PAPUAN ALBINO BODOWA, BROTHER AND PARENTS (MR J. TAAFFE'S CASE). NEW GUINEA. FIG. 417.



(73)



WALLOULO (FIG. 347). (74)



WALLOULO (FIG. 347). (75)



DELIMILU (FIG. 348). (76)

NEW GUINEA ALBINOS (C. H. USHER'S CASES).



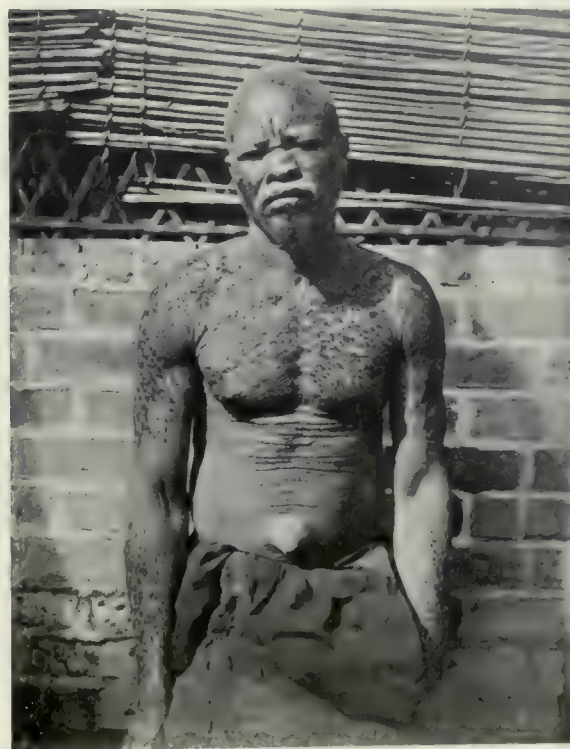
CHESIWANDIVI (FIG. 430). (77)



NYASSA ALBINOTIC WOMAN. (78)



ALBINO BABY (FIG. 431). (79)



NG'OMBE (FIG. 427). (80)

NYASSALAND ALBINOS (DR STANNUS' CASES).



MYTOPI ALBINO CHILD AND HIS FATHER (81)
(DR G. A. TURNER'S CASE).



SAME CHILD AND HIS MOTHER. (82)



(83)

BASUTO ALBINO BOY (CAPTAIN A. FISHER'S CASE).



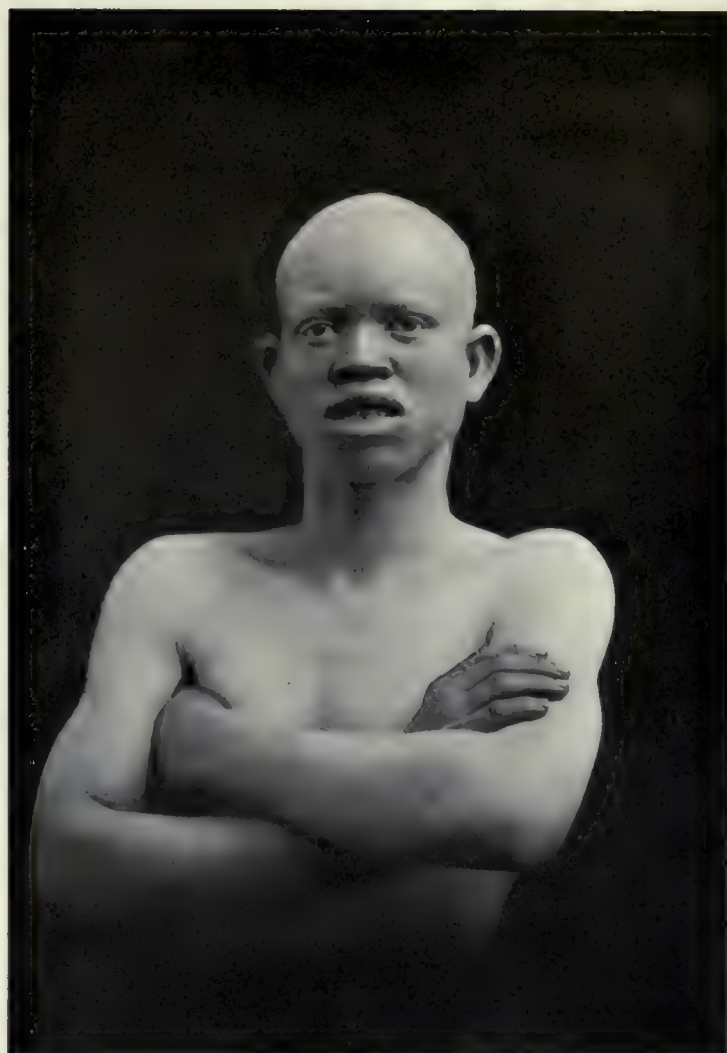
(84)

NYASSALAND ALBINOS (DR STANNUS' CASES, FIG. 428).

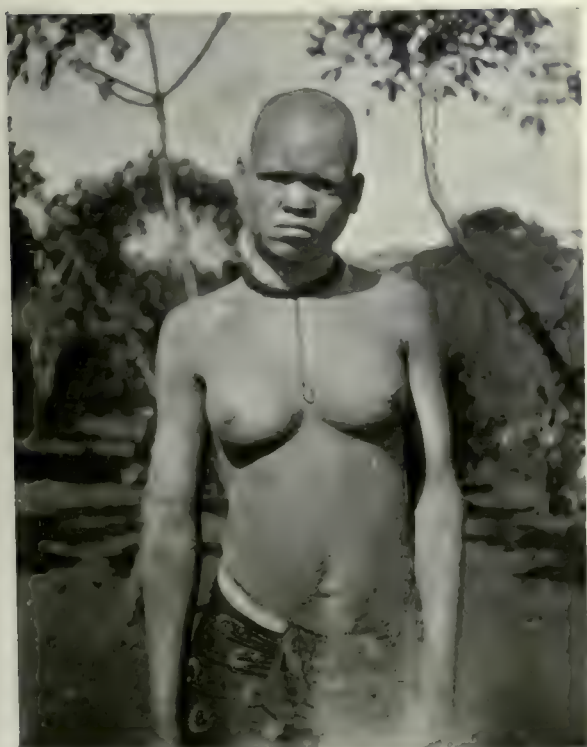


(85)

ALBINISM OF PENIS IN NEGRO (DR G. A. TURNER'S CASE).



ZULU ALBINO (DR C. WARD'S CASE, FIG. 38). (86)

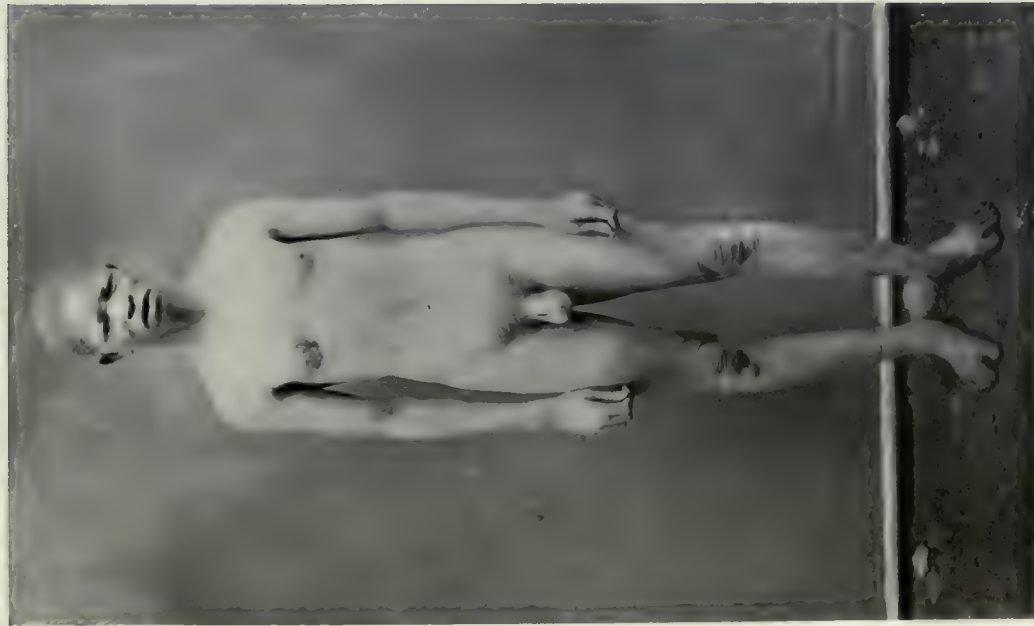


MYAMBAAM ALBINO GIRL. (87)



(88)

SAME GIRL WITH OTHER MYAMBAAMS (DR G. A. TURNER'S CASE).



(89)

SHANGOAN ALBINO (DR G. A. TURNER'S CASE).



(90)



(91)



(92)

XANTHOUS MYAMBAAM (DR H. TURNER'S CASE).



(93)



(94)

JAMAICAN NEGRO ALBINO BOY AND MOTHER (DR COSTA'S CASE).



(95)



(96)

MYAMBAAM NEGRO ALBINO (DR G. A. TURNER'S CASE).

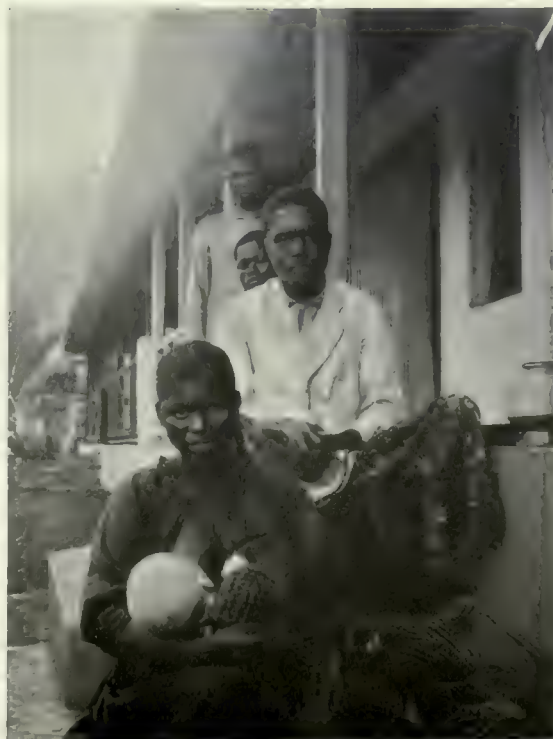


ALBINO BANTU FROM PORTUGUESE CONGO (97)
 (DR MERCIER GAMBLE'S CASE, FIG. 544).



(98)

BANTU ALBINO BABY AND PARENTS
 FROM PORTUGUESE CONGO.



(99)

BANTU ALBINO BABY AND PARENTS
 AS IN (98).

(DR MERCIER GAMBLE'S CASE, FIG. 544).



SIX ZUNI INDIAN ALBINOS, FROM A PHOTOGRAPH PROVIDED BY THE SMITHSONIAN INSTITUTION OF WASHINGTON, U.S. (100)



(101)

OKATANA, A PAPAUN ALBINO WITH NORMAL NATIVE FROM GAWA ISLAND (MR JOHN TAAFFE'S CASE. FIG. 541).



(102)

SYRIAN ALBINO FROM BEYRUT (REV. GEORGE MACKIE'S CASE).



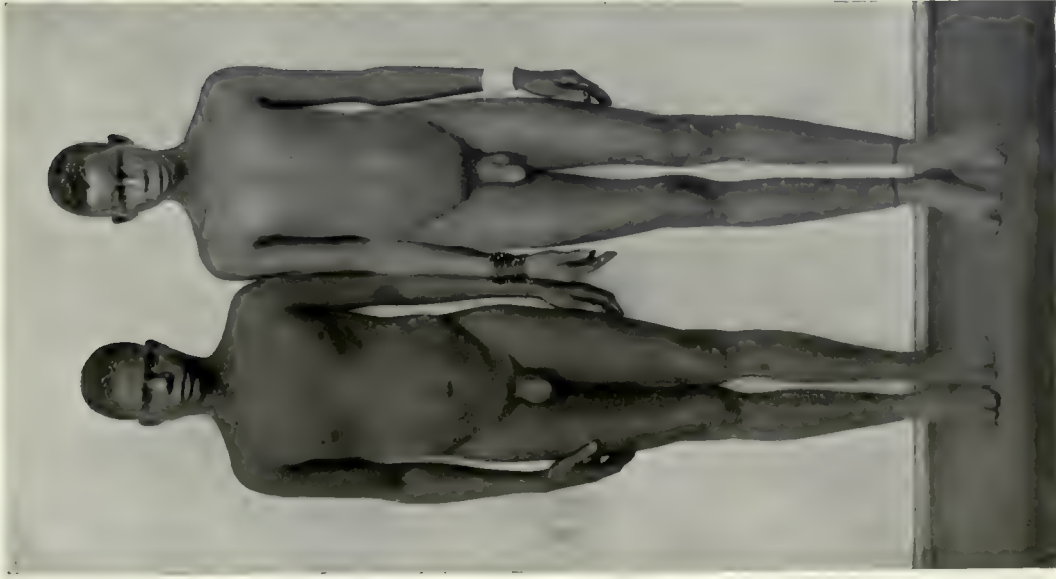
(103)

MAORI ALBINO WITH WIFE, MOTHER AND CHILD (C. H. USHER'S CASE, FIG. 572).



(104)

GILBERT ISLAND ALBINO (MR G. M. MURDOCH'S CASE).



(105)

MAGUMANE, A MYTOPI XANTHOUS NEGRO WITH NORMAL COLOURED NATIVE (DR G. A. TURNER'S CASE).



(106)

PARTIAL ALBINISM OF SKIN IN A MYTOPI (DR G. A. TURNER'S CASE).



(107)



(108)
 ENGLISHMAN, HIS WIFE AN ALBINO NEGRESS, AND THEIR TWO MULATTO CHILDREN.
 FROM THE PAINTING IN THE POSSESSION OF THE ROYAL COLLEGE OF SURGEONS.



(110)
 ALBINISM IN AN INDIAN FAMILY. MAJOR GRAYFOOT'S CASE (FIG. 443).
 REPRODUCED BY KIND PERMISSION FROM *THE POLYCLINIC*.



(109)
 PARTIAL ALBINISM. SINGLE WHITE EYELASH.
 C. A. USHER'S CASE (FIG. 562).



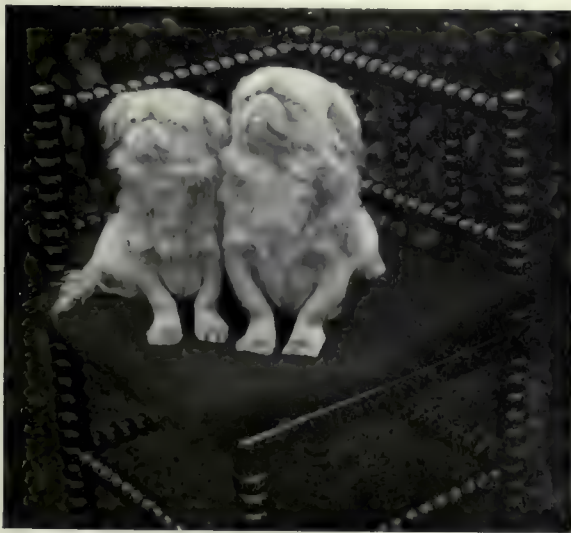
(111)

ALBINO LEVERETS (MR OXLEY GRABHAM, YORK).



(112)

ALBINO WEASEL (MR OXLEY GRABHAM, YORK).



(113)

ALBINO PEKINESE SPANIELS (MR E. NETTLESHIP).



(114)

ALBINO HEDGEHOG (MR OXLEY GRABHAM, YORK).



(115)

ALBINO JAY (MR OXLEY GRABHAM, YORK).



(116)

ALBINO LONG-EARED BAT (MR A. H. BARING, HAMPSHIRE).



ALBINO BLACK COCK. (117)



HEAD OF ALBINO GREY HEN. (118)



NORMAL BLACK COCK. (119)



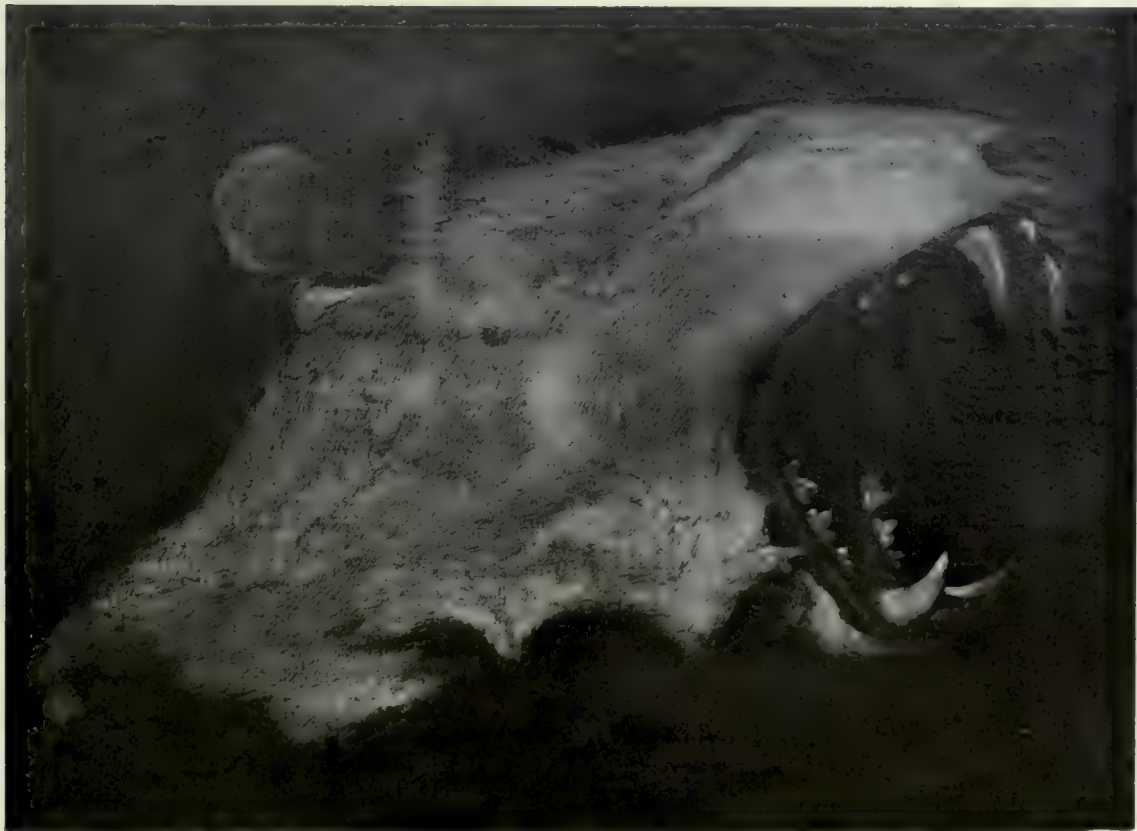
NORMAL GREY HEN. (120)

BLACK GAME (MR C. H. USHER).
ILLUSTRATIONS OF ALBINISM IN ANIMALS.



PARTIAL ALBINISM IN HORSES: DAM WITH FOAL AND YEARLING.

(121)



SIR EVERARD HOME'S ALBINO TIGER FROM THE PAINTING AT THE ROYAL COLLEGE OF SURGEONS.

(122)



(123)

COMPLETE ALBINO WALLABY (*MACROPUS RUFICOLLIS BENNETTI*). BRITISH MUSEUM OF NATURAL HISTORY.



(124)

COMPLETE ALBINO MONKEY (*MACACUS CYNOMOLGUS*). BRITISH MUSEUM OF NATURAL HISTORY.



SEE FIG. 582. (125)

ZUÑI INDIAN ALBINOS.



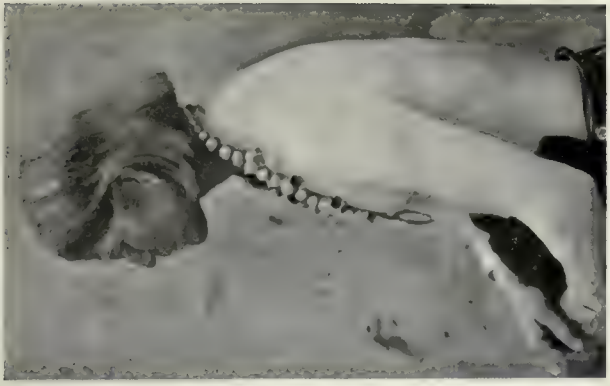
SEE FIG. 582. (126)

HRDLIČKA'S CASES, REPRODUCED BY KIND PERMISSION OF THE SMITHSONIAN INSTITUTION.



SEE FIG. 589. (127)

SEE FIG. 589. (128)



(129)

SYRIAN ALBINO GIRL WITH NORMALLY PIGMENTED BROTHER. DR MANASSEH'S CASE, FIG. 597, IV. 3.



(130)

NORWEGIAN ALBINO SISTER AND BROTHER (EARLY PORTRAITS). DR V. MAGNUS' CASE, FIG. 456.



(131)

SYRIAN ALBINO MAN, WITH NORMALLY PIGMENTED SYRIAN. DR MANASSEH'S CASE, FIG. 597, IV. 23.



(136)

NORMAL NORWEGIAN MOTHER WITH THREE ALBINO CHILDREN AND THEIR ALBINO SECOND COUSIN. DR V. MAGNUS' CASE, FIG. 634.



(134)

INCOMPLETE ALBINO GIRL AND HER NORMAL SISTER. USHER'S CASE, FIG. 639.



(132)

ALBINO RUSSIAN. DR SMIRNOFF'S CASE, FIG. 629. COMPARE WITH (133).



(133)

NORMAL RUSSIAN TO BE COMPARED WITH (132).



(137)

DEAF-MUTE ALBINO. DR HERON'S CASE, FIG. 649.



(135)

ALBINO FATHER AND SON, SCOTLAND. DR SOUTER'S CASE, FIG. 642.



(138)

TUFT OF BLACK HAIR ON HEAD OF DEAF-MUTE ALBINO. FIG. 640; SEE (137) ABOVE. COMPARE



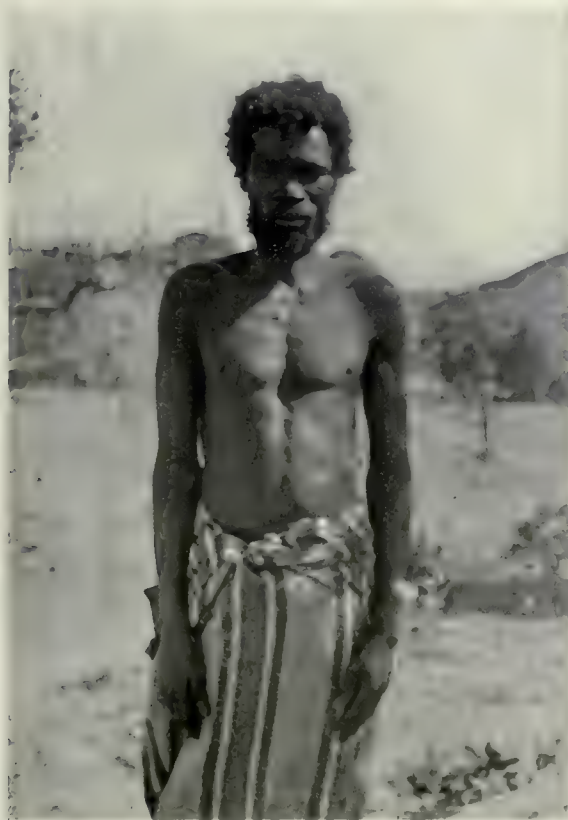
(139)

NYASSALAND ALBINO CHILD, AGED 3, WITH NORMAL MOTHER, AND OTHER CHILDREN. DR DAVEY'S CASE, FIG. 630.



(140)

NYASSALAND NORMAL MOTHER AND ALBINO CHILD. MRS YOUNG'S CASE: SEE TEXT, P. 145 (? SAME AS (139)).



(141)

NORMAL NYASSALAND NATIVE, FOR COMPARISON WITH ALBINO NATIVE (142).



(142)

ALBINO NYASSALAND NATIVE. SKIN COVERED BY UNPIGMENTED SMALL ELEVATIONS ("GOOSE SKIN"). DR ROBERTSON'S CASE, FIG. 648. Cf. (141).



(143)



(144)

LEUCODERMA IN A KAFFIR, WITH RECOVERY OF PIGMENTATION. THE PHOTOGRAPH (143), WITH FACE MAINLY WHITE WITH BLACK SPOTS, IS AN EARLIER STAGE THAN (144), WHERE THE BLACK PIGMENTATION HAS AGAIN BECOME CONTINUOUS. DR REINHARD'S CASE. ORIGINAL PHOTOGRAPHS SENT BY DR REINHARD, THROUGH DR TURNER OF JOHANNISBERG. SEE THE CHAPTER ON LEUCODERMA.



(145)

UNI-LATERAL LEUCODERMA, FRONTAL VIEW.



UNI-LATERAL LEUCODERMA, DORSAL VIEW.

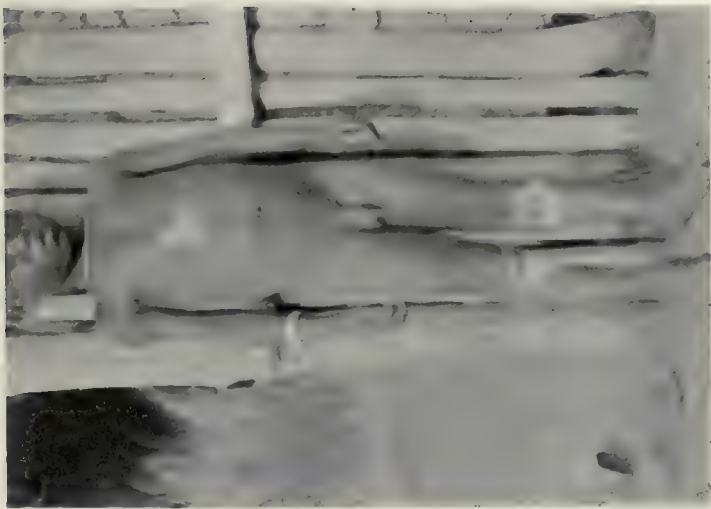
LEUCODERMA IN A NATIVE M'SUTO. DR MAYNARD'S CASE. THE LESIONS ARE STRICTLY UNI-LATERAL. IN THE DORSAL VIEW IT APPEARS AS IF SOME SPOTS WERE ON THE RIGHT OF THE MIDDLE LINE, BUT DR MAYNARD STATES THAT THIS IS NOT SO. SEE THE CHAPTER ON LEUCODERMA.



CHISIANJI, AGED 1½ YEARS, (147)
AND NORMAL MOTHER.



MAYERHERI, AGED 14 YEARS. (148)



THOMAS, AGED 4 YEARS. (149)



NORMAL MOTHER LUCY, MAYERHERI. (150)
AND CHISIANJI. (AGED 5 YEARS).

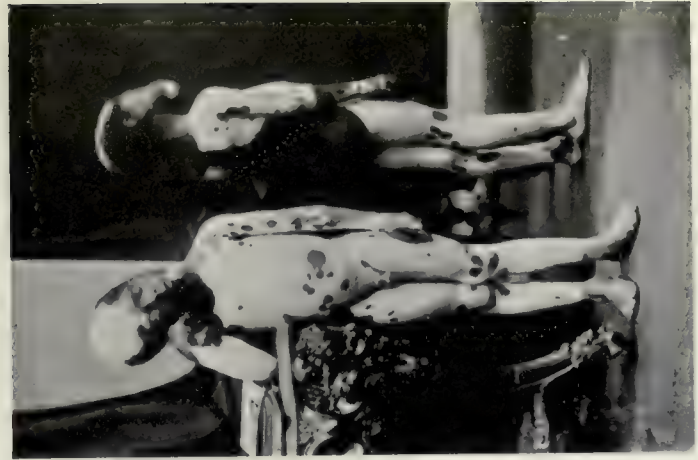
FURTHER PHOTOGRAPHS, SENT BY DR H. STANNUS, OF THE PIEBALDS FROM NYASSALAND: SEE PLATE H (21). THESE PHOTOGRAPHS CARRY THE CHARACTER DOWN AN ADDITIONAL, *i.e.* FIFTH, GENERATION. LUCY, THOMAS AND CHISIANJI ARE CHILDREN, MAYERHERI, A BROTHER OF SANLOE, THE PIED NEGRO ON THE LEFT OF DR EMSLIE'S PHOTOGRAPH (21).



(152)
 DA ROCHA'S PIED NEGRESS FROM THE PICTURE IN THE LABORATOIRE DE PARASITOLOGIE, PARIS, FROM A BLOCK KINDLY LENT BY PROFESSEUR R. BLANCHARD: SEE THE CHAPTER ON PIEBALDS, CASE (10).



(151)
 ORIGINAL PICTURE OF MARIA SABINA IN THE POSSESSION OF THE ROYAL COLLEGE OF SURGEONS. REPRODUCED FIRST BY BUFFON: SEE THE PLATE F (18) AND CHAPTER ON PIEBALDS, CASE (3).



(153)
 PHOTOGRAPH OF A PIED NEGRO BOY PRESENTED BY CHARLES DARWIN TO THE ROYAL COLLEGE OF SURGEONS: SEE THE CHAPTER ON PIEBALDS, CASE (12).



(155)

WAX MODEL OF THE PIED NEGRO GIRL ADELAIDE FROM ST LUCIA, NOW IN THE MUSEUM OF THE HARVARD MEDICAL SCHOOL AT BOSTON, U.S.A.: SEE THE CHAPTER ON PIEBALDS, CASE (7).



(154)



(156)



(157)

LE MASURIER'S PAINTINGS, 1782, OF THE PIED NEGRO GIRL ADELAIDE: SEE THE CHAPTER ON PIEBALDS, CASE (7). WE HAVE TO THANK THE PUBLISHERS OF *LA NATURE* FOR THE PERMISSION TO REPRODUCE (157).



(158)

THE THREE STRIPED GRACES: SEE CHAPTER ON PIEBALDS AND FIG. 509.
REPRODUCED BY KIND PERMISSION OF SIR JONATHAN HUTCHINSON FROM
A PHOTOGRAPH GIVEN TO HIM BY PROFESSOR NEISSER.



(159)

NYASSALAND ALBINO WITH FATHER, MOTHER, NORMAL SIBLING AND MATERNAL
GRANDMOTHER WITH WHITE HAIR (? SENILE), DR DAVEY'S CASE.





(161)

CHINESE ALBINO, NING FUH TAI, FROM HANKOW, DR A. H. SKINNER'S CASE.



(162)

CHINESE PIEBALD (?) FROM KWANGTUNG, DR COUSLAND'S CASE. PHOTOGRAPH THROUGH DR G. DUNCAN WHYTE.



(163)

CHINESE ALBINO FROM HANYANG, DR A. H. SKINNER'S CASE.



(164)

CHINESE ALBINO (161) ALONGSIDE NORMAL CHINESE COOLEY. FROM PHOTOGRAPHS BY DR A. H. SKINNER.



(165)

THE LEOPARD FAMILY AFTER GOULD AND PYLE. SEE PP. 203, 242, 249 AND CF. PLATE VV (158).



THE MADRID PIEBALD FROM THE PICTURE BY DA ROCHA. CF. PLATE SS (152). SEE OUR P. 240.



(166)

FAMILY OF THREE ALBINOS WITH FATHER AND MOTHER FROM BROKEN HILL, RHODESIA. DR ALEX. BROWN'S CASE.



(167)

LEMISA BERT. DR JOSEPH JONES' "SPOTTED NEGRESS." SEE P. 204.



(168)

ALBINO CHILD IN "SPOTTED STOCK." FIG. 286, IV. 1. DR JOSEPH JONES' CASE.



INDIAN ALBINO WOMAN FROM A PHOTOGRAPH SENT BY CAPTAIN W. F. HARVEY, I.M.S.



(171)

JANUARY COAT



(172)

FEBRUARY COAT



MARCH COAT



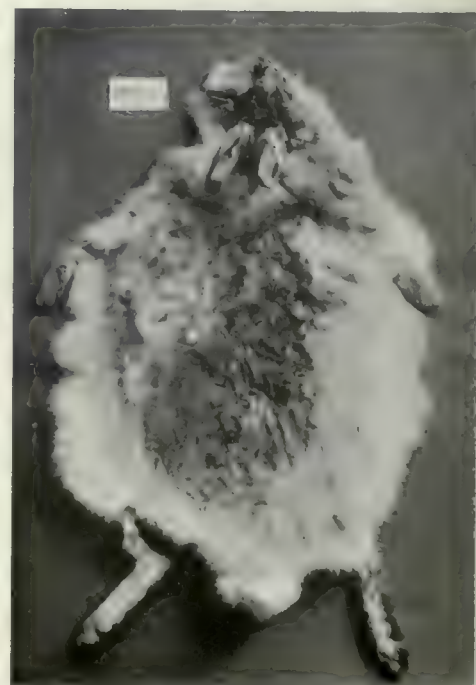
(182)

DECEMBER COAT



(181)

NOVEMBER COAT



OCTOBER COAT

PHOTOGRAPHS OF SCOTTISH VARIABLE HARE.



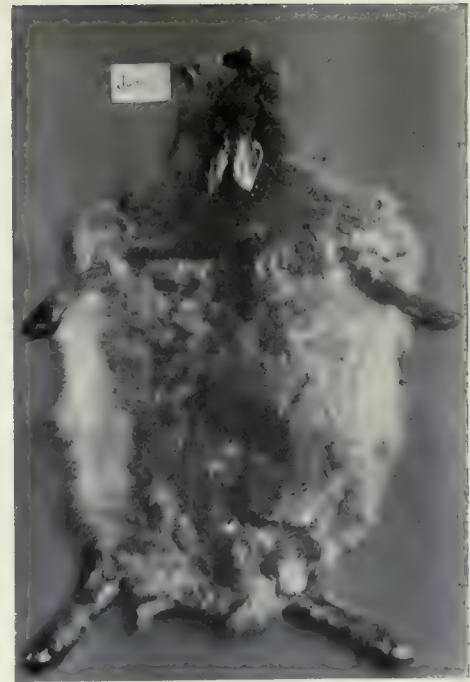
(174)

APRIL COAT

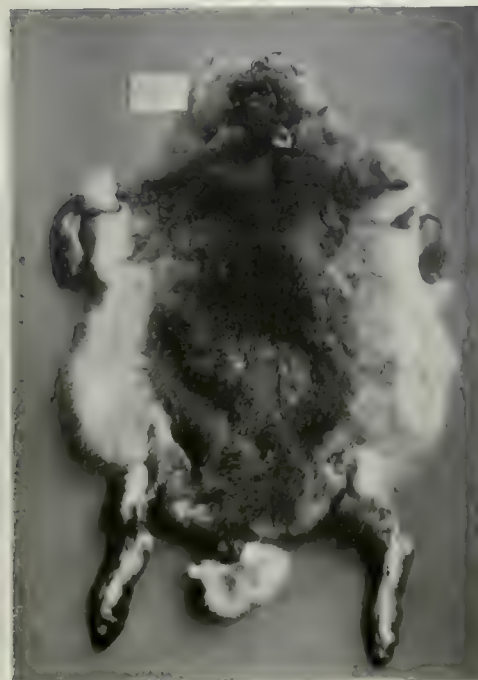


(175)

MAY COAT



JUNE COAT



(179)

SEPTEMBER COAT



(178)

AUGUST COAT



JULY COAT

PHOTOGRAPHS OF SCOTTISH VARIABLE HARE.



(183)

AUGUST WHITE, PROBABLY ALBINO, *L. Variabilis*.
DARKER SPOTS ON COAT ARE BLOOD-CLOTS.



(184)

NORMAL JANUARY, ABNORMAL AUGUST AND NORMAL AUGUST.
SKINS OF *L. Variabilis*, TO SHEW TEXTURE OF ABNORMAL AUGUST HARE.



(185)

FEBRUARY	FEBRUARY	SEPTEMBER	SEPTEMBER
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