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Housing, Husbandry, and Welfare of Selected Birds (Quail, Pheasant, Finches, Ostrich, Dove, Parrot)

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JOURNAL ARTICLE:

Citation # NAL Call No.
Article title.
Author. Place of publication: Publisher. Journal Title.
Date. Volume (Issue). Pages. (NAL Call Number).

Example:
1 NAL Call No.: DNAL 389.8.SCH6
Morrison, S.B. Denver, Colo.: American School Food Service
Association. School foodservice journal. Sept 1987. v. 41
(8). p.48-50. ill.

BOOK:

Citation # NAL Call Number

Title.

Author. Place of publication: Publisher, date. Information on pagination, indices, or bibliographies.

Example:

1 NAL Call No.: DNAL RM218.K36 1987

Exploring careers in dietetics and nutrition.

Kane, June Kozak. New York: Rosen Pub. Group, 1987.

Includes index. xii, 133 p.: ill.; 22 cm. Bibliography:

p. 126.

AUDIOVISUAL:

Citation # NAL Call Number

Title.

Author. Place of publication: Publisher, date.

Supplemental information such as funding. Media format (i.e., videocassette): Description (sound, color, size).

Example:

1 NAL Call No.: DNAL FNCTX364.A425 F&N AV

All aboard the nutri-train.

Mayo, Cynthia. Richmond, Va.: Richmond Public Schools, 1981. NET funded. Activity packet prepared by Cynthia

Mayo. 1 videocassette (30 min.): sd., col.; 3/4 in. + activity packet.

Housing, Husbandry, and Welfare of Selected Birds

(Quail, Pheasant, Finches, Ostrich, Dove, Parrot)

January 1980 - December 1993

SEARCH STRATEGY

Line Command

1. (QUAIL OR BOBWHITE OR PHEASANT? OR OSTRICH? OR RATITE? OR EMU OR EMS OR RHEA? OR PEAFOWL OR PEACOCK? OR PARROT OR PARROTS OR MACAW? OR PSITTACID? OR DOVE OR DOVES OR FINCH OR FINCHES OR CONURE OR CONURES)/TI

2. (AVICULT? OR HOUS? OR FACILIT? OR CAGE? OR AVIAR? OR PEN OR RANCH? OR PENS OR CORRAL OR HUSBAND? OR BREED? OR GAME(N)BIRD? OR RANCH?(N)BIRD?)/TI,DE

3. (WELFARE OR WELL(N)BEING OR WELLBEING OR HUMANE OR HANDL? OR CARE OR STRESS? OR DISTRESS OR CAPTIV?)/TI,DE

4. S2 OR S3

5. S1 AND S4

Housing, Husbandry, and Welfare of Selected Birds
(Quail, Pheasant, Finches, Ostrich, Dove, Parrot)

1 NAL Call. No.: QP1.C6

Adrenal responses to chronic and acute water stress in Japanese quail *Coturnix japonica*.

Tome, M.E.; McNabb, F.M.A.; Gwazdauskas, F.C.

Oxford : Pergamon Press; 1985.

Comparative biochemistry and physiology. A: Comparative physiology v. 81 (1): p. 171-179. ill; 1985. Includes references.

Language: English

Descriptors: Coturnix; Water stress; Adrenals; Osmotic pressure; Body weight

2 NAL Call. No.: 41.2 T646 1978 No.80

Alimentation des psittacides de cage et de voliere [Nutrition of Psittacidae of the cage and aviary].

Jouglar, Jean Yves,; 1954-

Toulouse Ecole nationale v et erinaire; 1978.

243 p. : ill.. (Toulouse. Ecole nationale v et erinaire. Th ese ; 1978, no. 80). Bibliography: p. 233-243.

Language: FRENCH

3 NAL Call. No.: SF509.Q3

American pheasant breeding and shooting.

Quarles, Emmet Augustus,; 1876-

Wilmington, Del. Hercules Powder Company; 1916.

132 p. : ill. ; 23 cm. Pages 131-132, advertising matter.

Language: ENGLISH

Descriptors: Pheasant culture; United States; Pheasant shooting

4 NAL Call. No.: 20.5 R59 SER. B

Analiza rodowodowa stada zachowawczego przepiorka japonskich rasy Faraon,

kojarzonych według własnego modelu [Analysis of pedigree of Pharaoh quail flock bred for conservation of gene pool and mated accordingly].

Kraszewska-Domanska, B.; Wichrowski, B.

Warszawa : Państwowe Wydawn. Naukowe; 1984.

Roczniki nauk rolniczych. Seria B. Zootechniczna v. 102 (3): p. 129-135; 1984.

Includes references.

Language: Polish

Descriptors: Japanese quails; Flocks; Genes; Breeding; Assortative mating; Pedigree

5 NAL Call. No.: 444.8 G28

Annual changes in levels of plasma LH and size of cloacal protrusion in Japanese quail (*Coturnix coturnix japonica*) housed in outdoor cages under natural conditions.

Wada, M.; Akimoto, R.; Tsuyoshi, H.

Orlando, Fla. : Academic Press; 1992 Mar.

General and comparative endocrinology v. 85 (3): p. 415-423; 1992 Mar.

Includes references.

Language: English

Descriptors: Japanese quails; Lh; Hormone secretion; Blood plasma; Cloaca; Breeding season; Photoperiod; Natural light; Light intensity; Environmental temperature; Spring; Summer; Autumn; Seasonal fluctuations

Abstract: Japanese quail of the strain used in our laboratory do not show a complete decrease in levels of circulating luteinizing hormone (LH) concentrations and show no collapse of the testes following their transfer from long to short days under laboratory conditions. Thus, merely manipulating photoperiods in the laboratory does not simulate an annual breeding cycle. To see whether an annual breeding cycle does exist in "our" quail under natural conditions, mature male birds were housed in individual cages and placed on the roof of a building at 35 degrees 45'N, 139 degrees 53'E; day length and ambient temperature were not controlled at all though food and water were continuously supplied. For 16 months blood was collected every week and the area of the cloacal protrusion measured at the time of each blood collection. The results showed that levels of plasma LH and the area of the cloacal protrusion had a clear annual cycle under the natural conditions. To detect more precisely the changes in circulating LH concentrations during spring and autumn, samples were collected every other day. The first significant increase in levels of plasma LH was found when the day length exceeded 12-12.5 hr, though the increase was sporadic and not synchronized among individuals. The results also showed that circulating levels of LH declined significantly in early September starting when the day length was still about 14 hr; this downward trend continued rather steadily to nonbreeding levels. The record of

ambient temperatures indicated that in early spring there was a fairly constant range of low temperatures despite some fluctuations, and in late summer to early autumn temperatures began to decrease although the daytime levels remained high. These results indicate that (1) under natural conditions our Japanese quail showed clear annual breeding cycles, (2) the increase in plasma LH in early spring was sporadic and not necessarily proportional to the increase in day length, and (3) the de

6 NAL Call. No.: 275.29 G29B

Attracting doves to your land.

Jackson, J.

Athens, Ga. : The Service; 1991 May.

Bulletin - Cooperative Extension Service, University of Georgia, College of Agriculture (1056): 12 p. ill., maps; 1991 May.

Language: English

Descriptors: Southeastern states of U.S.A.; Game birds; Habitats; Food preferences; Game farming; Hunting

7 NAL Call. No.: QL696.P2I38 1982

Australian finches in bush and aviary., Fully rev. ed.

Immelmann, Klaus; Cayley, Neville W.; (Neville William),; 1887-1950

London Angus & Robertson; 1982.

vii, 224 p., 12 leaves of plates : ill. (some col.), maps ; 25 cm.

Bibliography: p. (217)-219.

Language: English

Descriptors: Grass finches; Bids; Australia

8 NAL Call. No.: 41.8 AM3

Avian pox in pen-raised Bobwhite quail.

Poonacha, K.B.

Schaumburg, Ill., The Association; Dec 1, 1981.

Journal of the American Veterinary Medical Association v. 179 (11): p. 1264-1265. ill; Dec 1, 1981. 10 ref.

Language: English

9 NAL Call. No.: SB950.A1V4

Avitrol-treated bait for protection of grapes from house finch damage (Carpodacus mexicanus, California).

Martin, L.R.; Jarvis, W.T.

Davis, Calif., University of California; 1980.
Proceedings ... Vertebrate Pest Conference (9th): p. 17-20. maps; 1980. 11
ref.

Descriptors: California

10 NAL Call. No.: SF994.4.A1H3

A basic guide to the health and common diseases of game birds : including
quail, pheasants, grouse, partridge, etc.

Hayes, Leland B.

S.l. s.n.; 1982.

60 p. : ill. ; 24 cm. Cover title. Bibliography: p. 59.

Language: English

Descriptors: Game and game-birds; Diseases; Birds; Diseases; Game bird
culture; Upland game bird culture

11 NAL Call. No.: S544.3.N6N62

Bobwhite quail management (Breeding, feeding, disease prevention).

West, J.R.

Raleigh, N.C., The Service; Nov 1980.

AG - North Carolina State University, Agricultural Extension Service (237): 16
p. ill; Nov 1980.

12 NAL Call. No.: 100 M69MI

Bobwhite quail--a new poultry venture.

Broadway, R.

Mississippi State, Miss. : The Station; 1988 Jul.

MAFES research highlights - Mississippi Agricultural and Forestry Experiment
Station v. 51 (7): p. 1-2. ill; 1988 Jul.

Language: English

Descriptors: Mississippi; *Colinus Virginianus*; Cage rearing; Poultry diseases

13 NAL Call. No.: SF5.W6 1983

Breed and strain differences in the fractional rates of muscle protein
synthesis and degradation in chicken and Japanese quail.

Maeda, Y.; Hayashi, K.; Hashiguchi, T.

Tokyo, Japan : Japanese Society of Zootechnical Science; 1983.

New strategies for improving animal production for human welfare : proceedings
/ the Fifth World Conference on Animal Production, August 14-19, 1983. v. 2 p.
127-128; 1983. Includes references.

Language: English

Descriptors: Japan; Chickens; Japanese quails; Strains; Breed differences; Muscles; Protein synthesis; Protein degradation

14 NAL Call. No.: SF481.P622

Breed characteristics of chicken, ducks, geese and quail specially suited for egg production.

Singh, B.P.; Ahlawat, S.P.S.; Srivastava, H.P.

Bangalore : T.A. Gaffar; June 1982.

Poultry adviser v. 16 (6): p. 57-62; June 1982. 5 ref.

Language: English

15 NAL Call. No.: 47.8 P95

Breeding canaries for finch-like singing qualities.

Zemlianskii, E.

Moskva, Ministerstvo sel'skogo khoziatstva SSSR; Feb 1979.

Ptitsevodstvo (2): p. 55-56; Feb 1979.

16 NAL Call. No.: SF83.U6U6 No.39

Breeding experiments with Japanese quail (*Coturnix c. japonica*).

Wilhelmson, Martin

Uppsala Sveriges lantbruksuniversitet; 1979.

74 p. in various paginations : ill.. (Sveriges lantbruksuniversitet.

Institutionen for husdjursforadling och sjukdomsgenetik. Rapport ; 39).

Includes bibliographies.

Language: ENGLISH

17 NAL Call. No.: 11 AC82

Breeding experiments with Japanese quail (*Coturnix coturnix japonica*). II. Comparison between index selection and specialized selection followed by crossing.

Wilhelmson, M.

Stockholm, Scandinavian Association of Agricultural Scientists; 1980.

Acta agriculturae scandinavica v. 30 (4): p. 373-387. ill; 1980. Bibliography p. 386-387.

Language: ENGLISH

18 NAL Call. No.: 47.8 P95

Cages for weaver finches.

Tregubov, A.

Moskva, Ministerstvo sel'skogo khoziatstva SSSR; May 1979.

Ptitsevodstvo (5): p. 55. ill; May 1979.

19 NAL Call. No.: S41.E93

Canary, bengalese and zebra finch.

Ellis, M.

London : Longman; 1984.

Evolution of domesticated animals / edited by Ian L. Mason. p. 357-360; 1984.

Includes 10 references.

Language: English

Descriptors: Aviary birds; Canaries; Domesticated birds; Varieties

20 NAL Call. No.: SF1.K33

A case of trichomoniasis in the spotted dove (*Streptopelia chinensis*).

Amin-Babjee, S.M.; Sheikh-Omar, A.R.; Lee, C.C.; Bohari, Y.

Selangor : Persatuan Doktor Veterinar Malaysia; 1986 Nov.

Kajian veterinar Malaysia v. 18 (2): p. 203-204; 1986 Nov. Includes references.

Language: English

Descriptors: South east asia; Pigeons; *Trichomonas gallinae*; Aviary birds; Epidemiology

21 NAL Call. No.: 41.8 AV5

Characterization of the toxicity of the mycotoxins aflatoxin, ochratoxin, and T-2 toxin in game birds. II. Ringneck pheasant.

Huff, W.E.; Ruff, M.D.; Chute, M.B.

Kennett Square, Pa. : American Association of Avian Pathologists; 1992 Jan.

Avian diseases v. 36 (1): p. 30-33; 1992 Jan. Includes references.

Language: English

Descriptors: *Phasianus colchicus*; Toxicity; Aflatoxins; Ochratoxins; T-2 toxin; Mortality; Body weight; Feed conversion; Liver; Kidneys; Lesions

Abstract: Ringneck pheasants were fed diets containing 1.25, 2.5, or 5 ppm aflatoxin; 1, 2, or 4 ppm ochratoxin A (OA); or 4, 8, or 16 ppm T-2 toxin.

Severe toxin-induced mortality was seen during the first to third weeks with 2.50 and 5.00 ppm aflatoxin (92.5% and 97.5% respectively), compared with the mortality in control pheasants fed no toxin (0%). Slight mortality (less than

or equal to 5%) was seen with OA and T-2 toxin. Body weights were significantly decreased by the lowest level (1.25 ppm) of aflatoxin by 2 weeks of age, by the two highest levels of aflatoxin by 1 week of age, and by 16 ppm T-2 toxin by 1 week of age. The feed-conversion ratio was increased by 2.50 and 5.00 ppm aflatoxin compared with the feed-conversion ratio in controls, although high mortality may have influenced the results. Aflatoxin had no effect on liver weight, but OA increased kidney weight in 3-week-old pheasants. Mouth lesions were seen in some of the pheasants fed T-2 toxin.

22 NAL Call. No.: 41.8 AV5

Characterization of the toxicity of the mycotoxins aflatoxin, ochratoxin, and T-2 toxin in game birds. III. Bobwhite and Japanese quail.

Ruff, M.D.; Huff, W.E.; Wilkins, G.C.

Kennett Square, Pa. : American Association of Avian Pathologists; 1992 Jan. Avian diseases v. 36 (1): p. 34-39; 1992 Jan. Includes references.

Language: English

Descriptors: Japanese quails; *Colinus Virginianus*; Toxicity; Aflatoxins; Ochratoxins; T-2 toxin; Mortality; Body weight; Feed conversion; Liver; Kidneys; Lesions; *Phasianus colchicus*; Partridges

Abstract: Bobwhite and Japanese quail were fed diets containing 1.25, 2.50, or 5.00 ppm aflatoxin; 1, 2, or 4 ppm ochratoxin A (OA); or 4, 8, or 16 ppm T-2 toxin. Aflatoxin induced mortality in bobwhites during the second and third week with 1.25 ppm (10%), 2.50 ppm (30%), and 5.00 ppm (40%), and during the same period with T-2 toxin at 8 ppm (20%) and 16 ppm (22.5%). Body weights of bobwhite quail were significantly decreased by the two higher levels of aflatoxin by 2 weeks of age, and by the two higher levels of T-2 toxin by 1 week of age. In Japanese quail, only the highest level of aflatoxin and T-2 toxin reduced body weight (by 3 weeks and by 1 week of age, respectively), and even then to a much lesser extent than in bobwhites (< 0%). Aflatoxin did not affect feed-conversion ratio (FCR) in bobwhite quail, but the two higher levels of T-2 toxin increased FCR. None of the toxins induced mortality or increased the FCR in Japanese quail. Aflatoxin increased liver weight in both bobwhite and Japanese quail. OA increased kidney weight in 3-week-old Japanese quail but had no effect on the kidney weight of bobwhite quail. Mouth lesions were progressively more severe in bobwhite quail fed increasing levels of T-2 toxin, but lesions were far less severe in Japanese quail.

23 NAL Call. No.: 41.8 V6468

Cloacal inflammation in pheasants (Hypovitaminosis E, stress)

Mutafov, L.

Sofia, Ministerstvo na zemedeliето i khranitelnata promishlenost; 1978.

Veterinarno-meditsinski nauki. Veterinary science v. 15 (10): p. 117-121. ill; 1978. 5 ref.

Language: BULGARIAN; ENGLISH; RUSSIAN

24 NAL Call. No.: TD172.A7

Cold stress and acute organophosphorus exposure: interaction effects on juvenile northern bobwhite.

Maguire, C.C.; Williams, B.A.

New York, N.Y. : Springer-Verlag; 1987 Jul.

Archives of environmental contamination and toxicology v. 16 (4): p. 477-481; 1987 Jul. Includes references.

Language: English

Descriptors: Organophosphorus compounds; Pesticides; Cold stress; *Colinus virginianus*

25 NAL Call. No.: QH301.B52

Colonial breeding of the eared dove (*Zenaida auriculata*) in northeastern Brazil.

Bucher, E.H.; BTROA

Fairfax : Association for Tropical Biology; Dec 1982.

Biotropica v. 14 (4): p. 255-261. map; Dec 1982. 23 ref.

Language: English; Spanish

Descriptors: Brazil

26 NAL Call. No.: SF481.I5

Comparative performance of Japanese quail on cage and deep litter. 2. Egg production and reproduction traits.

Chidananda, B.L.; Prathapkumar, K.S.; Sreenivasaiah, P.V.; Ramappa, B.S.; Lokanath, G.R.

Izatnagar : Indian Poultry Science Association; 1986 Jun.

Indian journal of poultry science v. 21 (2): p. 91-96; 1986 Jun. Includes references.

Language: English

Descriptors: Japanese quails; Egg production; Reproductive traits; Cages; Deep litter poultry housing; Egg hatchability; Least squares

27 NAL Call. No.: SF481.I5

Comparative performance of Japanese quail reared in cages and on deep litter.

1. Body weight, feed efficiency and mortality.

Chidananda, B.L.; Prathapkumar, K.S.; Sreenwasaiah, P.V.; Lokanath, G.R.;
Ramappa, B.S.
Izatnagar : Indian Poultry Science Association; 1985 Sep.
Indian journal of poultry science v. 20 (3): p. 162-164; 1985 Sep. Includes
references.

Language: English

Descriptors: Japanese quails; Body weight; Mortality; Feed conversion
efficiency; Cage rearing; Deep litter housing

28 NAL Call. No.: SF473.C65V75 1992

Conures everything about purchase, housing, care, nutrition, breeding, and
diseases, with a special chapter on understanding conures.

Vriends, Matthew M.,

New York : Barron's,; 1992.

80 p. : ill. (some col.) ; 20 cm. Includes bibliographical references (p. 78)
and index.

Language: English

Descriptors: Conures

29 NAL Call. No.: QL696.P246A

O criador de bicudos e curios [The breeding of finches].

Andrade, Fernando F. M.

Sao Paulo Nobel; 1976.

98 p. : ill.

Language: ENGLISH

Descriptors: Finches; Breeding

30 NAL Call. No.: QP801.H7H65

Developmental changes induced by glucocorticoids treatment in breeder quail
(*Coturnix coturnix Japonica*).

De la Cruz, L.F.; Illera, M.; Mataix, F.J.

Stuttgart, W. Ger. : Georg Thieme; 1987 Mar.

Hormone and metabolic research v. 19 (3): p. 101-104; 1987 Mar. Includes
references.

Language: English

Descriptors: *Coturnix coturnix*; Corticosterone; Metabolism; Animal breeding;
Development

31 NAL Call. No.: 41.8 AV5

Doxycycline plasma concentrations in macaws fed a medicated corn diet.

Prus, S.E.; Clubb, S.L.; Flammer, K.

Kennett Square, Pa. : American Association of Avian Pathologists; 1992 Apr.

Avian diseases v. 36 (2): p. 480-483; 1992 Apr. Includes references.

Language: English

Descriptors: Aviary birds; Diet; Feeding; Psittacosis; Psittaciformes;

Doxycycline; Chlamydia psittaci; Drug therapy; Experiments; Animal experiments

Abstract: A trial was conducted to determine the doxycycline plasma concentrations attained by feeding a medicated corn diet to large psittacine birds. Doxycycline is the preferred drug for the treatment of chlamydiosis in psittacine birds. Healthy macaws were fed a 0.1% doxycycline-medicated corn diet for 45 days, and plasma doxycycline concentrations were determined by microbiological assay on treatment days 3, 15, 30, and 45. Plasma doxycycline concentrations exceeded 1 microgram/ml in 87% of the samples assayed. As blood concentrations of 1 microgram/ml are considered therapeutic, a doxycycline-medicated corn diet may be efficacious in the treatment of chlamydiosis in large psittacine birds.

32 NAL Call. No.: TD172.A7

Ecological significance of behavioral and hormonal abnormalities in breeding ring doves fed an organochlorine chemical mixture (Pollutants).

McArthur, M.L.B.; AEECTCV; Fox, G.A.; Peakall, D.B.; Philogene, B.J.R.

New York : Springer-Verlag; May 1983.

Archives of environmental contamination and toxicology v. 12 (3): p. 343-353. ill; May 1983. Includes references.

Language: English

33 NAL Call. No.: 47.8 B77

Effect of acute stress on catecholamine content in the hypothalamic nuclei of Japanese quail.

Jurani, M.; Kiss, A.; Kvaltinova, Z.; Somogyiova, E.; Kvetnansky, R.

Harlow, Essex : Longman; 1984 Jan.

British poultry science v. 25 (1): p. 91-98; 1984 Jan. Literature review. Includes references.

Language: English

Descriptors: Stress; Catecholamines; Hypothalamic regulation; Nuclei; Hypothalamus; Japanese quails

34 NAL Call. No.: QP1.C6

The effect of dehydration on brain temperature regulation in Japanese quail (*Coturnix coturnix japonica*).

Itsaki-Glucklich, S.; Arad, Z.

Elmsford, N.Y.: Pergamon Press; 1992 Mar.

Comparative biochemistry and physiology : A : Comparative physiology v. 101 (3): p. 583-588; 1992 Mar. Includes references.

Language: English

Descriptors: Japanese quails; Dehydration; Water deprivation; Heat stress; Environmental temperature; Body temperature; Brain; Temperature; Respiration rate

Abstract: 1. The effect of dehydration and heat exposure on body and brain temperature was studied in quail exposed to increasing ambient temperatures within the range of 25-40 degrees C. 2. The body-to-brain temperature difference was not affected by increasing ambient temperature or hydration state. A mean body-to-brain temperature difference of 0.96 +/- 0.64 degrees C and 0.85 +/- 0.65 degrees C was found in normally hydrated and dehydrated quail, respectively. 3. The slope of the relation between brain temperature to body temperature (0.77) was significantly lower than 1.0 ($P < 0.001$), when the results of the two hydration states were pooled. This indicates increased brain cooling with increased body temperature. 4. Body and brain temperatures of water-deprived quail were significantly higher ($P < 0.05$) than those of hydrated birds during exposure to ambient temperatures of 35 and 40 degrees C. 5. Respiration frequency increased during exposure to 35 (four birds) and 40 degrees C (six birds) in the normally hydrated quail, while in the dehydrated quail, respiration frequency increased only in three birds during exposure to 35 degrees C, and four birds during exposure to 40 degrees C, the frequencies were lower during dehydration. 6. Plasma osmolality and chloride concentration were significantly higher in the dehydrated quail ($P < 0.05$). 7. The present findings show that dehydration and heat exposure resulted in a relative hyperthermy, and thus implying a reduced evaporative cooling. The quail appears to be well adapted to dehydrating conditions.

35 NAL Call. No.: 47.8 AM33P

Effect of dietary calcium stress on plasma vitamin D3 metabolites in the egg-laying Japanese quail.

Kaetzel, D.M. Jr; Soares, J.H. Jr

Champaign, Ill. : Poultry Science Association; 1985 Jun.

Poultry science v. 64 (6): p. 1121-1127. ill; 1985 Jun. Includes references.

Language: English

Descriptors: Calcium; Ovulatory surge; Cholecalciferol; Metabolites; Japanese quails

36 NAL Call. No.: QL55.I5

Effect of light regime on welfare and growth of pheasants.

Slaugh, B.T.; Johnston, N.P.; Flinders, J.T.; Bramwell, R.K.

Sussex : The Institute; 1990 Aug.

Animal technology : journal of the Institute of Animal Technology v. 41 (2): p. 103-114; 1990 Aug. Includes references.

Language: English

Descriptors: Pheasants; Photoperiod; Animal welfare; Intermittent light; Growth rate; Feed conversion; Feathering rate

Abstract: Two experiments were conducted to examine the effects of photoperiod and intermittent lighting on pheasant growth and feathering. In experiment I, 70 straight-run 4-week-old ring-necked pheasants were randomly assigned to 1 of 7 identical environmentally controlled rooms and raised until 8 weeks of age under the following light schedules: Room (1) 24L, (2) 16L: 8D, (3) (15 min L: 45 min D) X 16: 8D Purina Bio-mittent, (4) 1L: 11D: 4L: 8D, (5) 1L: 13D: 2L: 8D, (6) 1L: 14D: 1L: 8D, (7) 1L: 14.5D: .5L: 8D. Daily patterns of feed consumption indicated synchronization of activity such that the subjective daylengths provided were 24, 16, 16, 13, 11, 10, and 9.5 hours, respectively. The birds were housed 10-per-cage at a density of .06 m² per bird. Since all of the birds were fed at a common feeder, there was no statistical treatment comparison of feed consumption and conversion. A numerical improvement in feed conversion (4.9, 4.5, 3.4, 3.3, 3.2, 3.4, 3.3 g feed/g gain) and bodyweight (715.8, 762.9, 801.0, 797.4, 833.4, 830.7, 841.5 g) and a statistically significant ($P < .05$) improvement in dorsal feathering (38, 47, 99, 84, 91, 94, 96% area covered) and tail length (1.6, 1.6, 9.1, 4.4, 11.3, 11.2, 10.9 cm) resulted from the use of intermittent, compared to continuous, photoperiods. In experiment II, 72 4-week-old straight-run jumbo white pheasants were randomly assigned to 6 identical environmentally controlled rooms and raised until 14 weeks of age under the following light schedules: Room (1) 14L: 10D, (2) 1L: 5.5D: 1L: 5.5D: 1L: 10D, (3) 12L: 12D, (4) 1L: 4.5D: 1L: 4.5D: 1L: 12D, (5) 10L: 14D, (6) 1L: 3.5D: 1L: 3.5D: 1L: 14D. Daily patterns of feed consumption indicated synchronization of activity such that the subjective daylengths provided were 14, 14, 12, 12, 10, and 10 hours, respectively. The birds were housed 4-per-cage at a density of .15 m² per bird. There were no significant ($P < .05$) differences in bodyweight (1164.2, 1189.4, 1181.4, 1195.5, 1212.1, 1229.7 g). Feed conversion (5.9

37 NAL Call. No.: 47.8 AM33P

Effect of male to female ratios on reproduction of caged coturnix D1 breeders (Coturnix quail).

Hughes, B.L.; Jones, J.E.; Resseguie, W.D.
Champaign, Ill., Poultry Science Association; June 1980.
Poultry science v. 59 (6): p. 1339-1341; June 1980. 4 ref.

Language: ENGLISH

38 NAL Call. No.: 500 P383

Effect of temperature on energy intake in three strains of bobwhite quail
(*Colinus virginianus*).
Brenner, F.J.; Reeder, M.
Allentown, Pa. : The Academy; 1985.
Proceedings of the Pennsylvania Academy of Science v. 59 (2): p. 119-120; 1985.
Includes references.

Language: English

Descriptors: Pennsylvania; Quails; Geographical races; Adaptability;
Population decrease; Cold stress; Energy intake; Wildlife management

39 NAL Call. No.: TD172.A7

Effects of DDE and food stress on reproduction and body condition of ringed
turtle doves.
Keith, J.O.; Mitchell, C.A.
New York, N.Y. : Springer-Verlag; 1993 Aug.
Archives of environmental contamination and toxicology v. 25 (2): p. 192-203;
1993 Aug. Includes references.

Language: English

Descriptors: Ddt; Metabolites; Toxicity; Streptopelia

40 NAL Call. No.: 47.8 B77

The effects of dietary calcium concentration on pheasant breeder performance.
Wise, D.R.; Ewins, A.
Harlow, Essex, Eng., Longman; May 1980.
British poultry science v. 21 (3): p. 229-232; May 1980. 2 ref.

Language: ENGLISH

41 NAL Call. No.: 47.8 AM33P

Effects of dietary protein level and environmental temperature stress on
growth of young ring-necked pheasants.
Warner, R.E.; Darda, D.M.; Baker, D.H.
Champaign, Ill., Poultry Science Association; Apr 1982.

Poultry science v. 61 (4): p. 673-676; Apr 1982. Includes 15 ref.

Language: English

42 NAL Call. No.: QP251.A1T5

Effects of handling and pair management on reproduction in Japanese quail (*Coturnix coturnix*).

Sullivan, J.P.; Grasman, K.A.; Scanlon, P.F.

Stoneham, Mass. : Butterworth-Heinemann; 1992 Apr.

Theriogenology v. 37 (4): p. 877-883; 1992 Apr. Includes references.

Language: English

Descriptors: Japanese quails; Mating systems; Mating frequency; Reproductive performance; Laying performance; Egg hatchability

43 NAL Call. No.: 47.8 AM33P

The effects of switching males among caged females on egg production and hatchability in Japanese quail.

Gebhardt-Henrich, S.G.; Marks, H.L.

Champaign, Ill. : Poultry Science Association; 1991 Aug.

Poultry science v. 70 (8): p. 1845-1847; 1991 Aug. Includes references.

Language: English

Descriptors: Japanese quails; Laying performance; Egg hatchability; Males; Mating systems; Male fertility

Abstract: For a half-sib mating design each male was switched among four females that were kept in separate cages once a day, so that each female was paired with a male every 4th day. Control males were permanently paired with one female each. There was some evidence that the mating system involving switching of males among females decreased egg production and hatchability by about 9 and 16%, respectively. The present study argues, however, that the slight decrease in hatchability, which was only present in some males, does not prevent the application of this method for half-sib breeding designs to estimate heritabilities.

44 NAL Call. No.: 47.8 AM33P

Egg production in four generations of paired Japanese quail.

Gildersleeve, R.P.; Sugg, D.; Parkhurst, C.R.; McRee, D.I.

Champaign, Ill. : Poultry Science Association; 1987 Feb.

Poultry science v. 66 (2): p. 227-230; 1987 Feb. Includes references.

Language: English

Descriptors: Japanese quails; Egg production; Mortality; Fertility; Egg hatchability; Generations; Breeding methods; Cage rearing

45 NAL Call. No.: SF488.F8F6

L'elevage des gallinaces et du faisan [Raising Galliformes and pheasants.].

Fort, Michel

Paris De Vecchi; 1980.

263 p. : ill. ; 20 cm. Bibliography: p. 257-258.

Descriptors: Galliformes; France; Chickens; Hatcheries; France; Poultry; France; Breeding; Pheasants

46 NAL Call. No.: 41.2 T646 1980 no.119

L'elevage du faisan : techniques actuelles de production [The breeding of pheasant.].

Vitte-Bouzin, Marie-Francois.; 1952-

Toulouse, France Ecole nationale veterinaire; 1980.

50, (7) p. : ill. ; 24 cm.. (Toulouse. Ecole nationale veterinaire. These ; 1980, no. 119). Bibliography: p. (55-57).

47 NAL Call. No.: 41.8 V6468

Encephalomalacia in partridges, rock partridges, and pheasants raised in confinement (Vitamin E and selenium deficiency).

Mutafov, L.

Sofiia, Ministerstvo na zemedelieto i khranitelnata promishlenost; 1979.

Veterinarno-meditsinski nauki. Veterinary science v. 16 (2): p. 88-92. ill; 1979. 7 ref.

Language: BULGARIAN; ENGLISH; RUSSIAN

48 NAL Call. No.: 41.2 T646 1979, no.6

L'enterite transmissible du faisandeau dans le cadre de la pathologie d'un élevage intensif [Transmissible enteritis of the pheasant in frame of the pathology of intensive breeding.].

Legiard, Francis Robert.; 1950-

Toulouse Ecole nationale veterinaire; 1979.

iii, 89 p. : ill.. (Toulouse. Ecole nationale veterinaire. These ; 1979, no. 6). Bibliography: p. 79-89.

Language: FRENCH

49 NAL Call. No.: 41.8 AV5

Environmental fungus flora in quail-breeding farms.

Sanchez Franco, A.; Lacasa millan, M.I.; Gutierrez Galindo, J.F.; Muzquiz

Moracho, J.L.; Alonso Martinez, J.L.

College Station, Tex., American Association of Avian Pathologists; Apr/June 1981.

Avian diseases v. 25 (2): p. 254-259; Apr/June 1981. 18 ref.

Descriptors: Spain

50 NAL Call. No.: RA1270.P35A1

EPA (Environmental Protection Agency) small pen tests. I. Effects of pen and

group sizes, sex combinations, and feeding levels on bobwhite activity

(Pesticide feeding, residues).

Morrow, M.E.; Robel, R.J.+ Dayton, A.D.; Harakal, D.S.; Middendorf, S.M.;

Snodgrass, T.J.

New York, Springer Verlag; June 1980.

Bulletin of environmental contamination and toxicology v. 24 (6): p. 840-846;

June 1980. 6 ref.

Language: ENGLISH

51 NAL Call. No.: 100 AL1S (1)

Evaluating mourning dove crop gland activity associated with crop milk

production (Zenaida macroura, game birds, nesting cycle determination,

wildlife management implications).

Mirarchi, R.E.; AAEB; Scanlon, P.F.

Auburn : The Station; Dec 1982.

Bulletin - Alabama Agricultural Experiment Station (545): 11 p. ill; Dec 1982.

Includes references.

Language: English

52 NAL Call. No.: S1.T49

Evaluation of an electronic device for counting the calls of white-winged doves.

Waechtler, D.G.; DeYoung, C.A.

Canyon, Tex. : The Consortium; 1990.

Texas journal of agriculture and natural resources : a publication of the

Agricultural Consortium of Texas v. 4: p. 57-59; 1990. Includes references.

Language: English

Descriptors: Texas; Mexico; Game birds; Electronics; Counters; Wildlife

management; Population forecasts; Birds' nests; Population density; Sampling;

Sounds; Songs

53 NAL Call. No.: SF995.W4

An evaluation of the Clemson University strain of *Pasteurella multocida* vaccine in pen-raised pheasants.

Kelleher, C.J. Jr

Davis : University of California; 1979.

Proceedings - Western Poultry Disease Conference (28th): p. 20-21; 1979.

Language: English

Descriptors: Pheasants; *Pasteurella multocida*; Vaccines

54 NAL Call. No.: SF481.A85

Evolution de la pathologie parasitaire du gibier a plumes: faisan et perdrix [Development of parasitic pathology of game birds: pheasants and partridges].

Schricke, E.

World Veterinary Poultry Association

Rennes, Editions de Boisbaudry; May 1979.

L'Aviculteur (390): p. 77, 79-81. ill; May 1979.

Language: FRENCH

55 NAL Call. No.: 49 IN3

Fabbiosogni proteici dei fagiani riproduttori [Protein requirements of pheasant breeders.].

Monetti, P.G.

Bologna, Edagricole; Mar 15, 1981.

Informatore zootecnico v. 28 (5): p. 95-96. ill; Mar 15, 1981.

56 NAL Call. No.: 49 IN3

Fabbisogni energetici dei fagiani riproduttori [Nutritional requirements for breeders pheasants (Fertility, Italy).].

Monetti, P.; INZTA

Bologna : Edagricole; June 30, 1982.

Informatore zootecnico v. 29 (12): p. 39-40. ill; June 30, 1982.

Language: Italian

Descriptors: Italy

57 NAL Call. No.: 470 T31

Foods of scaled quail (*Callipepla squamata*) in southeastern New Mexico.

Best, T.L.; Smartt, R.A.

Lubbock, Tex. : Texas Academy of Science; 1985 Sep.

The Texas journal of science v. 37 (2/3): p. 155-162; 1985 Sep. Includes list of plant species. Includes references.

Language: English

Descriptors: New Mexico; Quails; Feeding habits; Ecology; Wildlife; Game birds

58 NAL Call. No.: 47.8 AM33P

Forced resting bobwhite quail breeders and their subsequent reproductive performance.

Wilson, H.R.; Nesbeth, W.G.

Champaign, Ill., Poultry Science Association; May 1979.

Poultry science v. 58 (3): p. 731-737. ill; May 1979. 17 ref.

Language: ENGLISH

59 NAL Call. No.: 100 M693 (1) no.435

Game bird investigations : quail and chukar partridges.

Funk, E. M.; Hamilton, James C.; Kempster, Harry Laverne,

Columbia, Mo. : University of Missouri, College of Agriculture, Agricultural Experiment Station,; 1941.

16 p. : ill. ; 23 cm. (Bulletin (University of Missouri. Agricultural Experiment Station) ; 435.). Cover title.

Language: English; English

Descriptors: Chukar partridges; Quails

60 NAL Call. No.: SF473.P3S6

A guide to Asiatic parrots in Australia [their mutations, care & breeding]..

Asiatic parrots in Australia

Smith, Sid; Smith, Jack

Tweed Heads South, NSW, Australia : Australian Birdkeeper,; 1990.

80 p. : col. ill. ; 24 cm.

Language: English

Descriptors: Parrots

61 NAL Call. No.: SF473.P3W5

A guide to Australian long and broad-tailed parrots and New Zealand Kakarikis [their management, care & breeding].. Australian long and broad-tailed

parrots and New Zealand Kakarikis

Wilson, Kevin

Tweed Heads South, NSW, Australia : Australian Birdkeeper,; 1990.

88 p. : col. ill. ; 24 cm. Includes bibliographical references (p. 88).

Language: English

Descriptors: Parrots

62 NAL Call. No.: SF473.G68S25 1991

A guide to-- gouldian finches their management, care & breeding.. Gouldian finches

Sammut, John; Marshall, Rob

South Tweed Heads, NSW : Published and edited by Australian Birdkeeper,; 1991.

88 p. : col. ill. ; 24 cm. Authors: John Sammut, Rob Marshall. Includes bibliographical references.

Language: English

Descriptors: Gouldian finch

63 NAL Call. No.: QL698.3.L68 1991

Hand-rearing parrots and other birds., Rev. ed..

Low, Rosemary

London : Blandford ; New York, NY : Distributed in the U.S. by Sterling Pub. Co.,; 1991.

140 p., [8] p. of plates : ill. (some col.) ; 22 cm. Includes bibliographical references (p. 137-138) and index.

Language: English

Descriptors: Parrots; Aviculture; Parental behavior in animals; Birds

64 NAL Call. No.: SF509.B4 1985

Hege, Aufzucht und Aussetzen von Fasanen und Rebhuhnern [Breeding pheasants and partridges]., 6., revidierte Aufl.

Behnke, Hans

Hamburg : Parey,; 1985.

102 p., [2] leaves of col. plates : ill. ; 22 cm.

Language: German

Descriptors: Pheasants; Partridges

65 NAL Call. No.: SF509.B4 1980

Hege, Aufzucht und Aussetzen von Fasanen und Rebhuhnern [Care and breeding of pheasants and partridges.], 5. neubearb. und erw. Aufl.

Behnke, Hans

Hamburg Parey; 1980.

102 p., (2) leaves of col. plates : ill. ; 22 cm.

Language: German

Descriptors: Pheasants; Partridges

66 NAL Call. No.: QP1.C6

Hematological response of Japanese quail to acute hemorrhagic stress.

Gildersleeve, R.P.; Galvin, M.J.; Thaxton, J.P.; McRee, D.I.

Oxford : Pergamon Press; 1985.

Comparative biochemistry and physiology. A: Comparative physiology v. 81 (2): p. 403-409. ill; 1985. Includes references.

Language: English

Descriptors: Coturnix coturnix; Hematology; Hemorrhage; Stress response

67 NAL Call. No.: SF5.W6 1983

Heritability estimates and selection effects on survival time of Japanese quail under high and low temperature stress.

Kawamoto, Y.; Ino, T.; Sato, K.

Tokyo, Japan : Japanese Society of Zootechnical Science; 1983.

New strategies for improving animal production for human welfare : proceedings / the Fifth World Conference on Animal Production, August 14-19, 1983. v. 2 p. 135-136; 1983. Includes references.

Language: English

Descriptors: Japan; Japanese quails; Heritability; Selection; Survival; Genetic variation; Temperatures

68 NAL Call. No.: SF994.J45 1992

Husbandry and medical management of ostriches, emus and rheas.

Jensen, James M.; Johnson, James Harvey; Weiner, Stanley T.

College Station, TX (P.O. Box 10541, College Station, TX 77842) : Wildlife and Exotic Animal Teleconsultants; 1992.

129 p. : ill. ; 22 cm. Includes bibliographical references (p. 128).

Language: English

Descriptors: Ostriches; Rheidae; Emus

69 NAL Call. No.: 47.8 R523

Imprinting acustico e visivo in tacchinotti e fagianotti in allevamento intensivo [Acoustic and visual imprinting in young turkeys and pheasants in intensive breeding.].

Verga, M.; RIAVB; Cavalchini, G.L.

Bologna : Edagricole; Sept 1982.

Rivista di avicoltura v. 51 (9): p. 61-68. ill; Sept 1982. Includes references.

Language: Italian

70 NAL Call. No.: TRANSL 34892

Incidence of newcastle disease in captive rheas (rhea americana) in the zoological garden of Brasilia = Ocorrencia da doenca de Newcastle em emas (Rhea americana) mantidas em cativeiro no jardim zoologico de Brasilia..

Ocorrencia da doenca de Newcastle em emas (Rhead americana) mantidas em cativeiro no jardim zoologico de Brasilia

Nunes, V. A.

Karachi, Pakistan : Saad Publications (Translations Division),; 1984.

16 p. (1 folded) ; 27 cm. Translated from Portuguese for the OICD, APHIS, USDA and the National Science Foundation by Saad Publications, TT 84-4-0333.

Translated from: Pesqui Agropecu Bras Ser Vet, vol. 10, no.8:35-39, 1975.

Bibliography: p. 14-16.

Language: English

71 NAL Call. No.: 47.8 B77

Influence of stocking density and layer age on production traits and egg quality in Japanese quail.

Nagarajan, S.; Narahari, D.; Jayaprasad, I.A.; Thyagarajan, D.

Oxfordshire : Carfax Publishing Company; 1991 May.

British poultry science v. 32 (2): p. 243-248; 1991 May. Includes references.

Language: English

Descriptors: Japanese quails; Stocking density; Age at first egg; Egg production; Egg weight; Egg quality; Body weight; Age differences; Egg shell thickness; Poultry housing

72 NAL Call. No.: QP1.C6

The influence of stress treatment on femur cortical bone porosity and medullary bone status in Japanese quail selected for high and low blood

corticosterone response to stress.

Satterlee, D.G.; Roberts, E.D.

Oxford : Pergamon Press; 1990.

Comparative biochemistry and physiology : A : Comparative physiology v. 95 (3):
p. 401-405; 1990. Includes references.

Language: English

Descriptors: Japanese quails; Stress management; Femur; Bones; Porosity;
Blood; Corticosterone; Stress response

73 NAL Call. No.: 100 C76S no.469 1984

International registry of poultry genetic stocks a directory of specialized
lines and strains, mutations, breeds and varieties of chickens, Japanese quail
and turkeys., Rev. ed.

Somes, Ralph G.

Storrs Agricultural Experiment Station

Storrs : Storrs Agricultural Experiment Station, University of Connecticut,;
1984.

iv, 96 p. ; 28 cm.. (Bulletin / Storrs Agricultural Experiment Station, no.
469). Cover title.

Language: English

Descriptors: Poultry breeds; Directories

74 NAL Call. No.: 41.9 W64B

Isolation of a poxvirus from a house finch, *Carpodacus mexicanus* (Muller).

Docherty, D.E.; Long, R.I.R.

Ames, Iowa : Wildlife Disease Association; 1986 Jul.

Journal of wildlife diseases v. 22 (3): p. 420-422. ill; 1986 Jul.

Language: English

Descriptors: Idaho; Finches; Avipoxvirus; Isolation

75 NAL Call. No.: S322.S55S55

IV. Protein requirement of breeding Japanese quail in the tropics.

Lee, T.K.; Shim, K.F.; Tan, E.L.

Singapore, Primary Production Department; July 1981.

Singapore journal of primary industries v. 9 (2): p. 101-110. ill; July 1981.

Includes 11 ref.

Language: English

Descriptors: Tropics

76 NAL Call. No.: QL55.U5 1987

The Japanese quail., 6th ed.

Cooper, D.M.

London : Longman; 1987.

The UFAW handbook on the care and management of laboratory animals / edited by Trevor B. Poole; editorial assistant, Ruth Robinson. p. 678-686; 1987.

Language: English

Descriptors: Laboratory animals; Japanese quails; Biology; Animal husbandry; Laboratory methods; Disease control

77 NAL Call. No.: 100 T31S (1) no.1123

Japanese quail (coturnix) care, management, propagation.

Cain, J. R.; Wormeli, B. C.

Texas Agricultural Experiment Station, Texas Agricultural Extension Service
College Station : Texas Agricultural Experiment Station : Texas Agricultural
Extension Service.; 1972.

14 p. : ill. ; 28 cm. (Bulletin / Texas Agricultural Experiment Station ;
1123). Tx Doc no.: Z, TA245.7, B873, no.1123.

Language: English

Descriptors: Japanese quail

78 NAL Call. No.: QL55.A1L33

The Japanese quail as a laboratory animal.

Porter, W.; Terrill, J.

New York : Media Horizons; 1986 Jan.

Lab animal v. 15 (1): p. 27-28, 32-33, 35. ill; 1986 Jan. Includes
references.

Language: English

Descriptors: Japanese; Quails; Laboratory animals; Animal husbandry

79 NAL Call. No.: SF473.Z42B58

Keeping and breeding zebra finches the complete type standard guide.

Blackwell, Chris,

London ; New York : Blandford Press ; New York, NY : Distributed in the U.S. by
Sterling Pub. Co.,; 1988.

192 p., [16] p. of plates : ill. (some col.) ; 23 cm. Includes index.
Bibliography: p. 190.

Language: English

Descriptors: Zebra finch

80 NAL Call. No.: 105.8 B644 1990 [no.44]

Kreuzungseffekte bei Leistungs- und Verhaltensmerkmalen von japanischen Wachteln (*Coturnix coturnix japonica*) [Cross-breeding effects on performance and behavior characteristics of Japanese quail (*Coturnix coturnix japonica*)].

Zimmer, Saskia,
Bonn : [s.n.],; 1990.

139 p. : ill. ; 21 cm. Vita. Includes bibliographical references (p. 118-130).

Language: German

81 NAL Call. No.: 100 AL1H

Lead shot ingestion affects captive mourning dove survival and reproduction.

Buerger, T.T.; Mirarchi, R.E.; Lisano, M.E.

Auburn, Ala. : The Station; 1985.

Highlights of agricultural research - Alabama, Agricultural Experiment Station
v. 32 (3): p. 17. ill; 1985.

Language: English

Descriptors: Birds; Lead; Ingestion

82 NAL Call. No.: 410 Z36

Lebensdauer Japanischer Wachteln bei Kafageinzelhaltung [Longevity of Japanese quail reared individually in cages.].

Kohler, D.

Jena, Gustav Fischer; 1981.

Zeitschrift fur Versuchstierkunde; Journal of Experimental Animal Science v. 23
(4): p. 239-241; 1981. 3 ref.

83 NAL Call. No.: QL696.G27B39

Life history and ecology of the ring-necked pheasant in Nebraska.

Baxter, William L.; Wolfe, Carl W.

Lincoln, Neb. : Nebraska Game and Parks Commission,; 1973.

58 p. : ill. ; 28 cm. G1000B008-73. Bibliography: p. 42-43.

Language: English; English

Descriptors: Ring-necked pheasants; Birds; Nebraska; Upland game bird management; Nebraska

84 NAL Call. No.: 47.8 AM33P

Lighting and sex ratio for breeding ringnecked pheasants in confined housing.
Bates, D.P.; Hanson, L.E.; Cook, M.E.; Wentworth, B.C.; Sunde, M.L.; Bitgood, J.J.
Champaign, Ill. : Poultry Science Association; 1987 Apr.
Poultry science v. 66 (4): p. 605-612; 1987 Apr. Includes references.

Language: English

Descriptors: Pheasants; Reproduction; Lighting; Sex ratio; Reproductive performance

85 NAL Call. No.: 47.8 AM33P

Long-term selection for four-week body weight in Japanese quail following modification of the selection environment.
Marks, H.L.
Champaign, Ill. : Poultry Science Association; 1989 Apr.
Poultry science v. 68 (4): p. 455-459; 1989 Apr. Includes references.

Language: English

Descriptors: Japanese quails; Body weight; Environment; Stress; Selection responses; Genetic gain; Selection differential; Heritability

86 NAL Call. No.: SF995.A1A9

Lymphoreticular tumour in pen-raised pheasants associated with a reticuloendotheliosis like virus infection.
Dren, C.N.; AVPAD; Saghy, E.; Glavits, R.; Ratz, F.; Ping, J.
Cambridge : World Veterinary Poultry Association; 1983.
Avian pathology v. 12 (1): p. 55-71. ill; 1983. Includes references.

Language: English; French; German

87 NAL Call. No.: SF473.M33S94 1992

Macaws everything about purchase, management, housing, feeding, health care, and breeding.
Sweeney, Roger G.
Hauppauge, N.Y. : Barron's,; 1992.
79 p. : ill. (some col.) ; 21 cm. With a special chapter on understanding macaws and profiles of the species. Includes bibliographical references and

index.

Language: English

Descriptors: Macaws

88 NAL Call. No.: QP1.C6

Manifestations of social stress in grouped Japanese quail.

Edens, F.W.

Oxford : Pergamon Press; 1987.

Comparative biochemistry and physiology. A: Comparative physiology v. 86 (3):
p. 469-472; 1987. Includes references.

Language: English

Descriptors: Coturnix coturnix; Maladjustment; Stress

89 NAL Call. No.: SF461.M36 1988

Manual of parrots, budgerigers, and other psittacine birds.

Price, C. J.

British Small Animal Veterinary Association

Cheltenham : British Small Animal Veterinary Association,; 1988.

208 p. : ill. ; 28 cm. Includes bibliographical references and index.

Language: English

Descriptors: Cage birds

90 NAL Call. No.: SF771.A53A

Marble spleen disease in pen-raised pheasants in California (Virus).

Mayeda, B.; PAMDD; West, G.B.; Bickford, A.A.; Cho, B.R.

Madison : The Association; 1982.

Proceedings of ... annual meeting - American Association of Veterinary
Laboratory Diagnosticians (25th): p. 261-270. ill; 1982. Includes references.

Language: English

Descriptors: California

91 NAL Call. No.: SH11.A37 no.13

Migration, harvest, and population characteristics of mourning doves banded in
the Western Management Unit, 1964-1977.

Tomlinson, Roy E.

Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife Service,;

1988.

iv, 101 p. : ill. ; 27 cm. (Fish and wildlife technical report ; 13).

Bibliography: p. 32-33.

Language: English

Descriptors: Mourning dove; West (U.S.); Mourning dove shooting; West (U.S.); Birds; West (U.S.); Upland game bird management; West (U.S.); Bird banding; West (U.S.)

92 NAL Call. No.: QL165.A2C6 no.3

Mortality, survival, and effects of hunting on grouse, partridge, pheasants, and quail an annotated bibliography.

Braun, Clait E.

Denver? : Colorado Division of Wildlife? ; 1975.

39 p. ; 28 cm. (Division report / Colorado. Division of Wildlife ; no. 3). DOW-M-D-3-75. February 1975.

Language: English

Descriptors: Upland game bird shooting; Bibliography; Upland game birds; Bibliography

93 NAL Call. No.: SB950.A2S95 1980

Nonspill cage feeder for quail (in breeding cages, Equipment, bird control).

Brunton, R.B.; Schafer, E.W. Jr

Philadelphia : American Society for Testing and Materials, 1981; 1981.

Vertebrate pest control and management materials : proceedings of the Third Symposium on Test Methods for Vertebrate Pest Control and Management Materials, Fresno, Calif., 7 March 1980 : a symposium. p. 29-31. ill; 1981.

Language: English

94 NAL Call. No.: 41.8 IN22

Note on causes of mortality in captive pheasants in India.

Rathore, B.S.; Khera, S.S.

New Delhi, Indian Council of Agricultural Research; Jan 1981.

The Indian journal of animal sciences v. 51 (1): p. 121-123; Jan 1981. 5 ref.

Descriptors: India

95 NAL Call. No.: 49.9 C33

Optimalizace davky vitaminu A pri volierovem chovu bazanta obecneho
[Optimization of the vitamin A dose in the food of pheasants kept in

aviaries.].

Laitova, L.

Praha, Ustav; Apr 1981.

Zivocisna vyroba - Ceskoslovenska akademie zemedelska, Ustav
vedeckotechnickych informaci pro zemedelstvi v. 26 (4): p. 303-312. ill; Apr
1981. 8 ref.

96 NAL Call. No.: SF5.W6 1983

The ostrich farming system in South Africa.

Osterhoff, D.R.

Tokyo, Japan : Japanese Society of Zootechnical Science; 1983.

New strategies for improving animal production for human welfare : proceedings
/ the Fifth World Conference on Animal Production, August 14-19, 1983. v. 2 p.
863-864; 1983. Includes references.

Language: English

Descriptors: South Africa; Ostriches; Aviculture; Feather production; Farm
management; Improvement; Feathers

97 NAL Call. No.: 275.29 G29B

Ostrich management guide.

Bastien, R.W.

Athens, Ga. : The Service; 1991 Feb.

Bulletin - Cooperative Extension Service, University of Georgia, College of
Agriculture (1048): 8 p. ill; 1991 Feb. Includes references.

Language: English

Descriptors: Ostriches; Animal breeding; Incubation; Animal feeding

98 NAL Call. No.: 275.29 K13LE

Ostrich production.

Adams, A.W.

Manhattan, Kan. : The Service; 1989 Oct.

L - Cooperative Extension Service, Kansas State University (799): 2 p. ill;
1989 Oct.

Language: English

Descriptors: Struthio camelus; Animal breeding; Incubation; Animal feeding;
Disease prevention

99 NAL Call. No.: QL696.G27N3 1982

An overview of disease and parasitism in southeastern bobwhite quail (*Colinus virginianus*, pen-raised and wild bobwhites, USA).

Davidson, W.R.; Kellogg, F.E.; Doster, G.L.

Stillwater, Okla. : Oklahoma State University, 1982; 1982.

Proceedings, Second National Bobwhite Quail Symposium / editors, F.

Schitoskey, Jr., E.C. Schitoskey, L.G. Talent. p. 57-63; 1982. Includes references.

Language: English

Descriptors: USA

100 NAL Call. No.: 100 AL1H

Parental care of fledgling mourning doves.

Hitchcock, R.R.; Mirarchi, R.E.

Auburn, Ala. : The Station; Fall 1983.

Highlights of agricultural research - Alabama, Agricultural Experiment Station v. 30 (3): p. 17. ill; Fall 1983.

Language: English

101 NAL Call. No.: QL696.P244E92

Parrot finches the aviculturist's guide.

Evans, S. M.; Fidler, Mike

London : Blandford ; New York, NY : Distributed in the United States by Sterling Pub. Co.; 1990.

112, [8] p. of plates : ill. (some col.), maps ; 23 cm. Pages 108-112 blank for "Breeding notes.". Includes bibliographical references (p. 101-103) and index.

Language: English

Descriptors: Estrildidae; Waxbills; Grass finches

102 NAL Call. No.: SF473.P3J67

Parrot incubation procedures a methodical guide to incubation, hatching and problem hatches for the aviculturist.

Jordan, Rick,

Pickering, Ont. : S. Mattacchione; 1989.

xiii, 142 p. : ill. (some col.) ; 24 cm. Includes bibliographical references (p. 136).

Language: English

Descriptors: Parrots; Eggs; Incubation; Parrots; Eggs; Parrots; Breeding

103 NAL Call. No.: SF473.P3L69 1992

Parrots their care and breeding., 3rd (rev.) ed..

Low, Rosemary

London : Blandford ; New York, NY : Distributed in the United States by Sterling Pub. Co.,; 1992.

416 p. : ill. (some col.) ; 29 cm. Includes bibliographical references (p. [399]-404) and indexes.

Language: English

Descriptors: Parrots

104 NAL Call. No.: 1 Ag84M no.127

Peafowl and their care.

McAtee, W. L.

Washington, D.C. : U.S. Dept. of Agriculture,; 1931.

4 p. ; 23 cm. (Miscellaneous publication / United States Department of Agriculture ; no. 127). Cover title. Contribution from Biological Survey. Includes bibliographical references.

Language: English

Descriptors: Peafowl

105 NAL Call. No.: 41.8 V641

Pheasant rearing: associated husbandry and disease problems.

Swarbrick, O.

London : British Veterinary Association; 1985 Jun08.

The Veterinary record v. 116 (23): p. 610-617; 1985 Jun08. Literature review.

Includes references.

Language: English

Descriptors: Pheasants; Pheasant egg production; Poultry rearing; Poultry diseases

106 NAL Call. No.: SF481.P64

Pheasant-model for breeding disease resistant galliformes.

Pani, P.K.

New Delhi, C. P. Narang; Jan 1981.

Poultry guide v. 18 (1): p. 85-86; Jan 1981. 11 ref.

107 NAL Call. No.: SF509.H68

Pheasants : their breeding and management.

Howman, K. C. R.

Edlington. Eng. K & R Books; 1979.

117 p. : ill. (some col.) ; 21 cm.. (The Bird keeper's library). Includes indexes. Bibliography: p. (112).

Descriptors: Pheasant culture; Pheasants

108 NAL Call. No.: 444.8 G28

Plasma luteinizing hormone in male ring doves during the breeding cycle.

Silver, R.; Goldsmith, A.R.; Follett, B.K.

New York, Academic Press; Sept 1980.

General and comparative endocrinology v. 42 (1): p. 19-24. ill; Sept 1980.

Bibliography p. 23-24.

Language: ENGLISH

109 NAL Call. No.: 284.28 W15

Poultry in motion: breeders sell shares in ostrich market.

Benefield, K.J.

New York, N.Y. : Dow Jones; 1991 Jan03.

The Wall Street journal. p. A1, A2; 1991 Jan03.

Language: English

Descriptors: Ostriches; Poultry products; Investment promotion

110 NAL Call. No.: 41.9 W64B

Pox infection among captive peacocks (Zoonoses, turkey and chicken susceptibility, Iraq).

Al Falluji, M.M.; Tantawi, H.H.; Al-Bana, A.; Al Sheikhly, S.

Ames, Iowa, Wildlife Disease Association; Oct 1979.

Journal of wildlife diseases v. 15 (4): p. 597-600. ill; Oct 1979. 7 ref.

Language: ENGLISH

Descriptors: Iraq

111 NAL Call. No.: 41.8AM3

A PRELIMINARY REPORT ON THE SUSCEPTIBILITY OF THE TURKEY, PIGEON, PHEASANT, DUCK AND GOOSE TO BRUCELLA DISEASE.

EMMEL, M W

J AM VET MED ASSOC v. 76: p. 452-453; 1930. USDA EMPLOYEES ORDER FROM NAL LIBRARY. ALL OTHERS CONTACT VET-IN-CHARGE, VS-EPIC STAFF, HYATTSVILLE,MD-301-436-8418.

Language: ENGLISH

Descriptors: SUSCEPTIBLE ANIMALS; ORIGINAL EXPERIMENTAL WORK; SUSCEPTIBLE ANIMALS; PHASIANIDAE; TURKEYS; PIGEONS; GEESE; ORAL; AGGLUTINABILITY OF CELLS; POSTMORTEM; LESIONS; PERSISTENCE OF; TOXINS; SUSCEPTIBILITY OF ANIMALS; GAME BIRDS

112 NAL Call. No.: 41.8 J93

Problemi vestackog gajenja fazana u SAP Vojvodini. I. Problemi tehnologije gajenja [Problems in the artificial rearing of pheasants in SAP Vojvodina. I. Problems of breeding technology.].

Tarasenko, B.; Jovanovic, V.

Beograd, Savez veterinara i veterinarskih tehnicara SFRJ; 1981.

Veterinarski glasnik v. 35 (5): p. 471-480. ill; 1981. 8 ref.

Language: Serbo-Croatian (Roman); English; Russian

Descriptors: Yugoslavia

113 NAL Call. No.: 47.8 B77

Production, hatchability and fertility of eggs from breeding Japanese quail (*Coturnix coturnix japonica*) fed diets containing furazolidone.

Dixon, R.J.; Arzey, G.G.; Nicholls, P.J.

Oxfordshire : Carfax Publishing Company; 1992 Sep.

British poultry science v. 33 (4): p. 835-845; 1992 Sep. Includes references.

Language: English

Descriptors: Japanese quails; Furazolidone; Adverse effects; Dosage effects; Egghatchability; Laying performance

114 NAL Call. No.: 41.9 T5762

Productivity of bobwhite quail (*Colinus virginia*) (Breeding, feeding, Japan).

Sasaki, M.; NIPDA; Sato, S.; Kondo, M.; Kawashima, M. Shioya, M.

Tokyo : Nihon Daigaku No Jui Gakkai; Mar 1982.

Nihon Daigaku No Juigakubu gakujutsu kenkyu hokoku; Bulletin of the College of Agriculture and Veterinary Medicine (39): p. 126-131; Mar 1982. 4 ref.

Language: Japanese; English

Descriptors: Japan

115 NAL Call. No.: 47.8 R523

Progetto di ricovero per allevare razionalmente i fagiani [Housing designs for raising pheasants.].

Cardillo, F.; RIAVB

Bologna : Edagricole; Sept 1982.

Rivista di avicoltura v. 51 (9): p. 19-22. ill; Sept 1982.

Language: Italian

116 NAL Call. No.: 47.8 AM33P

Propagation of a laboratory ringed turtle dove colony (Breeding).

Kendall, R.J.; Scanlon, P.F.

Champaign, Ill., Poultry Science Association; Dec 1981.

Poultry science v. 60 (12): p. 2728-2730. ill; Dec 1981. Includes 4 ref.

Language: English

117 NAL Call. No.: SF473.P3S55 1992

The proper care of parrots.

Skinner, Martin

Neptune City, NJ : T.F.H. Publications,; 1992.

253 p. : col. ill. ; 19 cm. "TW-101"--Prelim. p. Includes bibliographical references (p. 249) and index.

Language: English

Descriptors: Parrots

118 NAL Call. No.: 41.9 R24

A propos d'un trouble de la fertilit  chez des faisans reproducteurs. Le role probable d'une mycotoxine [Problems of fertility in breeding pheasants, and the probable role of a mycotoxin.].

Willemart, J.P.; Schricke, E.

Paris, L'Academie; 1979.

Bulletin de l'Academie veterinaire de France.Academie veterinaire de France v. 52 (3): p. 409-415. ill; 1979. 5 ref.

Language: FRENCH; ENGLISH

119 NAL Call. No.: QL696.A2P7

The protection of pheasants in release pens from birds of prey.

Lloyd, David E. B.
British Field Sports Society.
London The Society; 1976.
12 p. : ill. ; 21 cm. Research carried out by David E. B. Lloyd.

Descriptors: Birds of prey; Birds, Protection of

120 NAL Call. No.: SF473.P3S56 1991

Psittaculture breeding, rearing and management of parrots.
Silva, Tony
Pickering, Ont. : S. Mattacchione : Distributed in U.S.A. P.O. Box 3125,
Ellicott Station, Buffalo, NY; 1991.
xii, 330 p. : col. ill. ; 23 cm. Includes bibliographical references: p.
[313].

Language: English

Descriptors: Parrots

121 NAL Call. No.: S533.F66D6

Quail.
Southern Regional 4-H Wildlife Literature Committee.
1979; 1979.
6 p. : ill. Document available from: Educational Aids, National 4-H Council,
7100 Connecticut Avenue, Washington, D.C. 20015. Publication intended for
Member, Junior and Senior High Level. Learning Experience: Knowledge, skills,
practices; Decision making.

Language: ENGLISH

Descriptors: History; Habitats; Game birds; Foods; Wildlife; Conservation

Abstract: This wildlife activity guide covers information and activities on
studying and managing the bob white quail.

122 NAL Call. No.: S67.P82

Raising pheasants in confinement.
McKnight, W.F.
Baton Rouge, La.? : The Service; 1984 Sep.
Publication - Louisiana Cooperative Extension Service (1468): 8 p.; 1984 Sep.

Language: English

Descriptors: Louisiana; Pheasants; Pens; Animal production; Incubation; Eggs

123 NAL Call. No.: aZ5071.N3

Raising quail, partridge, pheasant, bobwhites, and ostriches January 1979-May 1989.

Larson, J.A.

Beltsville, Md. : The Library; 1989 Jul.

Quick bibliography series - U.S. Department of Agriculture, National Agricultural Library (U.S.). (89-95): 10 p.; 1989 Jul. Bibliography.

Language: English

Descriptors: Quails; Pheasants; Partridges; Ostriches; *Colinus Virginianus*; Aviculture; Game management; Bibliographies

124 NAL Call. No.: aZ5071.N3

Raising quail, partridge, pheasant, bobwhites, and ostriches: January 1987 - January 1992.

Larson, J.A.

Beltsville, Md. : The Library; 1992 Jan.

Quick bibliography series - U.S. Department of Agriculture, National Agricultural Library (U.S.). (92-20): 65 p.; 1992 Jan. Updates QB 91-72. Bibliography.

Language: English

Descriptors: Quails; Partridges; Pheasants; Ostriches; *Colinus Virginianus*; Animal husbandry; Bibliographies

125 NAL Call. No.: SF105.A74

Rare breeds of poultry "Old English Pheasant Fowl".

Sheppy, A.J.

Stoneleigh Park, Kenilworth : Rare Breeds Survival Trust; Aug 15, 1977.

The Ark v. 4 (8): p. 258; Aug 15, 1977.

Language: English

126 NAL Call. No.: QL696.G27R6 1990

Rare pheasants of the world a study of birds in captivity., 2nd ed..

Roles, D. Grenville

Alton, Hants, England : Nimrod Press.; 1990.

106 p., [2] leaves of plates : ill. (some col.) ; 31 cm. Revised edition.

Language: English

Descriptors: Pheasants

127 NAL Call. No.: 100 C76S no.446

Registry of poultry genetic stocks a directory of specialized lines and strains, mutations, breeds and varieties of chickens, Japanese quail and turkeys in North America, England, France, Spain and the Netherlands., [New ed., enl.].

Somes, Ralph G.

Storrs : Storrs Agricultural Experiment Station, University of Connecticut,; 1978.

iii, 76 p. ; 28 cm. (Bulletin / Storrs Agricultural Experiment Station ; 446).

Cover title.

Language: English; English

Descriptors: Poultry breeds; North America; Directories; Poultry breeds; Europe; Directories; Poultry; North America; Breeding; Directories; Poultry; Europe; Breeding; Directories

128 NAL Call. No.: 296.8 B85

Reprodukcyjna ferma bazantow [Breeding farm for pheasants (Layouts)].

Swiderski, A.; Dutkiewicz, W.

Warszawa, Panstwowe Wydawn. Rolnicze i Lesne; June 1978.

Budownictwo rolnicze v. 30 (6): p. 18-20. ill; June 1978.

Language: FRENCH

129 NAL Call. No.: 47.8 AM33P

Research note: effect of breeder quail age and egg weight on chick weight.

Yannakopoulos, A.L.; Tserveni-Gousi, A.S.

Champaign, Ill. : Poultry Science Association; 1987 Sep.

Poultry science v. 66 (9): p. 1558-1560; 1987 Sep. Includes references.

Language: English

Descriptors: Japanese quails; Age differences; Egg weight; Chicks; Hatching weight

130 NAL Call. No.: 47.8 AM33P

Research note: open-field behavior of Japanese quail chicks genetically selected for low or high plasma corticosterone response to immobilization stress.

Jones, R.B.; Satterlee, D.G.; Ryder, F.H.

Champaign, Ill. : Poultry Science Association; 1992 Aug.

Poultry science v. 71 (8): p. 1403-1407; 1992 Aug. Includes references.

Language: English

Descriptors: Japanese quails; Selection criteria; Strain differences; Blood plasma; Corticosterone; Stress; Immobilization; Fearfulness

Abstract: Open-field behavior was examined in Japanese quail chicks genetically selected for either reduced (LS, low stress) or exaggerated (HS, high stress) plasma corticosterone response to immobilization stress. Chicks of the LS line showed less freezing and ambulated sooner than did their HS counterparts. These findings suggest that exposure to an open-field or novel environment elicited less fear in LS than in HS chicks. They also support the suggestion that fearfulness and adrenocortical activation are positively associated and indicate that selection for differential adrenocortical responsiveness exerted concomitant effects on fear-related behavior.

131 NAL Call. No.: QP1.C6

Responses to cold stress in two species of Australian quail, *Coturnix pectoralis* and *Coturnix chinensis*.

Roberts, J.T.R.; Baudinette, R.V.

Oxford : Pergamon Press; 1988.

Comparative biochemistry and physiology : A : Comparative physiology v. 91 (3): p. 543-548; 1988. Includes references.

Language: English

Descriptors: *Coturnix*; Cold stress; Body temperature; Oxygen consumption; Electromyography; Heat production

132 NAL Call. No.: SF461.T76 1992

Seed-eating birds their care and breeding : finches and allied species-doves, quail, and hemipodes.

Trollope, Jeffrey; Trollope, Jeffrey

London : Blandford ; New York, NY ; Distributed in the U.S. by Sterling Pub. Co.,; 1992.

336 p. : col. ill. ; 22 cm. Rev. ed. of: The care and breeding of seedeating birds. 1983. Includes bibliographical references (p. 329-333) and indexes.

Language: English

Descriptors: Cage birds; Cage birds

133 NAL Call. No.: 47.8 AM33P

Selection of Japanese quail for contrasting blood corticosterone response to immobilization.

Satterlee, D.G.; Johnson, W.A.
Champaign, Ill. : Poultry Science Association; 1988 Jan.
Poultry science v. 67 (1): p. 25-32; 1988 Jan. Includes references.

Language: English

Descriptors: Japanese quails; Selection; Corticosterone; Stress;
Immobilization; Blood serum

134 NAL Call. No.: 47.8 Am33P

Short-latency stressor effects on tonic immobility fear reactions of Japanese quail divergently selected for adrenocortical responsiveness to immobilization.

Satterlee, D.G.; Jones, R.B.; Ryder, F.H.
Champaign, IL : Poultry Science Association, 1921-; 1993 Jun.
Poultry science v. 72 (6): p. 1132-1136; 1993 Jun. Includes references.

Language: English

Descriptors: Japanese quails; Fearfulness; Blood plasma; Corticosterone;
Stress response; Line differences; Selection criteria

Abstract: Despite evidence for a positive association between adrenocortical activation and fearfulness, the effects of chronic (12 to 20 h) exposure to stressful stimulation on the fear reactions of Japanese quail genetically selected for high (HS) or low (LS) plasma corticosterone response to immobilization stress are not straightforward. The present study examined tonic immobility fear responses in quail of both lines that, immediately prior to testing, either had been allowed to remain undisturbed or had been exposed to an acute stressor similar to that used in the selection program (i.e., a short-latency stressor; 5 min of immobilization). Tonic immobility responses were generally more pronounced in quail of the HS line than the LS line, and they were exaggerated in both lines after exposure to stress treatment. The findings provide further support for the suggestion that selection for exaggerated or reduced adrenocortical responsiveness may have been accompanied by a concomitant and unconscious effect on underlying fearfulness.

135 NAL Call. No.: 47.8 P95

Singing parrots (Care, feeding).
Chernushin, P.
Moskva, Ministerstvo sel'skogo khoziatstva SSSR; Sept 1979.
Ptitsevodstvo (9): p. 55. ill; Sept 1979.

136 NAL Call. No.: 47.8 AM33P

Social dominance and (egg) productivity in caged female Japanese quail.

Benoff, F.H.; Rice, D.H.
Champaign, Ill., Poultry Science Association; Feb 1980.
Poultry science v. 59 (2): p. 424-427. ill; Feb 1980. 19 ref.

Language: ENGLISH

137 NAL Call. No.: 107.6 K114B

Some associations of liver esterase (Es-2) phenotype with economical traits in the Japanese quail (Breeding)
Maeda, Y.; Hashiguchi, T.
Kagoshima, Kagoshima Daigaku, Nogaku-bu; Mar 1978.
Gakujutsu hokoku BulletinKagoshima Daigaku. Nogaku-bu (28): p. 59-65. ill; Mar 1978. 21 ref.

138 NAL Call. No.: 410 J827

Species differences in hematological values of captive cranes, geese, raptors, and quail.
Gee, G.F.; Carpenter, J.W.; Hensler, G.L.
Washington, D.C., Wildlife Society; Apr 1981.
The Journal of wildlife management v. 45 (2): p. 463-483; Apr 1981.
Bibliography p. 481-483.

139 NAL Call. No.: SF995.W4

Spirochetosis on a California pheasant ranch: a case report.
Small, P.J.
Davis : University of California; 1984.
Proceedings - Western Poultry Disease Conference (33rd): p. 31-32; 1984.
Includes references.

Language: English

Descriptors: California; Pheasants; Spirochaetaceae

140 NAL Call. No.: 41.9 B753

Stanzdrowotny bazanta Lownego /Phasianus colchicus L./ lowieckiego osrodka hodowlanego "L" w woj. Bydgoskim [Health state of game pheasant /Phasianus colchicus L/ at the game breeding centre "L" in Bydgoszcz voivodeship].
Jethon, W.; Mazurkiewicz, M.
Wroclaw, Wydawn. Akademii; 1981.
Zeszyty naukowe. Weterynaria - Akademia Rolnicza we Wroclawiu (127): p. 71-76; 1981. 23 ref.

Descriptors: Poland

141 NAL Call. No.: QL868.D6

Steroidogenic properties of isolated adrenocortical cells from Japanese quail selected for high serum corticosterone response to immobilization.

Carisa, R.V.; Weber, H.; Satterlee, D.G.

Auburn, Ala. : Dept. of Physiology and Pharmacology, College of Veterinary Medicine, Auburn Univ; 1988 Jul.

Domestic animal endocrinology v. 5 (3): p. 231-240; 1988 Jul. Includes references.

Language: English

Descriptors: Japanese quails; Corticosterone; Corticotrophin; Radioimmunoassay; Cells; Stress response

142 NAL Call. No.: QP1.C6

Temperature regulation in adult quail (*Colinus virginianus*) during acute thermal stress.

Spiers, D.E.; CBPAB; Adams, T.; Ringer, R.K.

Oxford : Pergamon Press; 1983.

Comparative biochemistry and physiology. A: Comparative physiology v. 74 (2): p. 369-373. ill; 1983. 1 p. ref.

Language: English

143 NAL Call. No.: 20.5 R59 SER. B

Teoretyczny model prowadzenia stada zachowawczego przepiurek japonskich [Theoretical model for breeding of Japanese quail flock for conservation of gene pool].

Kraszewski-Domanska, B.

Warszawa : Panstwowe Wydawn. Naukowe; 1984.

Roczniki nauk rolniczych. Seria B. Zootechniczna v. 102 (3): p. 121-127; 1984. Includes 10 references.

Language: Polish

Descriptors: Breeding; Japanese quails; Flocks; Genes

144 NAL Call. No.: 444.8 G28

Termination of LH secretion in Japanese quail due to high- and low-temperature cycles and short daily photoperiods.

Tsuyoshi, H.; Wada, M.

Orlando, Fla. : Academic Press; 1992 Mar.

General and comparative endocrinology v. 85 (3): p. 424-429; 1992 Mar. Includes references.

Language: English

Descriptors: Japanese quails; Lh; Hormone secretion; Blood plasma; Cloaca; Breeding season; Molting; Photoperiod; Light; Dark; Environmental temperature

Abstract: Mature male Japanese quail were transferred from 16L:8D (19 degrees) to one of the following combinations of daily light-dark and temperature cycles, 8L:16D (12 hr, 19 degrees:12 hr, 9 degrees), 12L:12D (12 hr, 19 degrees: 12 hr, 9 degrees) and 12L: 12D (16 hr, 19 degrees:8 hr, 9 degrees). The low temperature is for the middle of the dark period in each treatment. In the control groups, birds were transferred to the same photoperiodic conditions as the experimental groups, but without changes in ambient temperature. Blood samples were collected every other day for 30 days and circulating levels of plasma LH were estimated by radioimmunoassay. Both the change in conditions from 16L:8D to 8L: 16D with the temperature lowered for 12 hr and that from 16L:8D to 12L: 12D with temperatures lowered in one case for 12 hr and in the other for 8 hr caused a lowering in plasma LH levels in all the birds to reproductively quiescent levels. The cloacal protrusion of all these birds regressed completely. In control groups, however, most if not all the birds remained in active breeding states although the levels of circulating LH decreased to basal breeding levels of 1-2 ng/ml. The results indicated that in addition to a change from long to short days an alternation of high and low temperatures was sufficient supplementary information in causing termination of LH secretion and inducing regression of the gonads and the accessory sex organs in this species.

145 NAL Call. No.: SF5.W6 1983

Thermal acclimation of egg productivity and liver function of domestic fowls and Japanese quail.

Yamada, M.; Ueno, T.

Tokyo, Japan : Japanese Society of Zootechnical Science; 1983.

New strategies for improving animal production for human welfare : proceedings / the Fifth World Conference on Animal Production, August 14-19, 1983. v. 2 p. 799-800; 1983. Includes references.

Language: English

Descriptors: Japan; Chickens; Japanese quails; Heat stress; Acclimatization; Egg production; Liver function

146 NAL Call. No.: 47.8 AM33P

Thyroid and adrenal response to heat stress in chickens and quail differing in heat tolerance.

Bowen, S.J.; Washburn, K.W.

Champaign, Ill. : Poultry Science Association; 1985 Jan.
Poultry science v. 64 (1): p. 149-154; 1985 Jan. Literature review. Includes references.

Language: English

Descriptors: Chickens; Quails; Heat stress; Heat tolerance; Thyroid function; Adrenal cortex

147 NAL Call. No.: QL750.A6

Time-activity budget of ostriches (*Struthio camelus*) offered concentrate feed and maintained in outdoor pens.

Degen, A.A.; Kam, M.; Rosenstrauch, A.

Amsterdam : Elsevier Science Publishers, B.V.; 1989 Apr.

Applied animal behaviour science v. 22 (3/4): p. 347-358; 1989 Apr. Includes references.

Language: English

Descriptors: Ostriches; *Struthio camelus*; Pens; Time and motion studies; Animal behavior; Concentrates; Feed intake; Water intake

148 NAL Call. No.: 47.8 B77

Traits influencing the hatching performace of Japanese quail eggs.

Narahari, D.; Abdul Mujeer, K.; Thangavel, A.; Ramamurthy, N.; Viswanathan, S.;

Mohan, B.; Muruganandan, B.; Sundararasu, V.

Oxfordshire : Carfax Publishing Company; 1988 Mar.

British poultry science v. 29 (1): p. 101-112; 1988 Mar. Includes references.

Language: English

Descriptors: Japanese quails; Egg hatchability; Hatching; Poultry housing; Body weight; Age; Sex ratio; Egg weight; Egg shells; Incubation; Storage; Lighting

149 NAL Call. No.: 49.9 C33

Ucinky aplikace bakterii *Streptococcus faecium* M-74 do krmnych pri umelem odchovu bazantu [Effects of application of *Streptococcus faecium* M-74 bacteria to feed mixtures in the artificial rearing of pheasants].

Par, O.; Kumprecht, I.; Parova, J.; Forejtek, P.

Praha : Ustav; 1985 Apr.

Zivocisna vyroba - Ceskoslovenska akademie zemedelska, Ustav vedeckotechnickych informaci pro zemedelstvi v. 30 (4): p. 367-375; 1985 Apr. Includes references.

Language: Czech

Descriptors: Streptococcus faecium; Feed formulation; Feed supplements; Pheasants; Animal husbandry

150 NAL Call. No.: 47.8 AM33P

The utilization of brewers' dried grains in the diets of Chinese Ringneck pheasant-breeder hens.

Pfaff, W.K.; Moreng, R.E.; Kienholz, E.W.

Champaign, Ill. : Poultry Science Association; 1990 Sep.

Poultry science v. 69 (9): p. 1491-1495; 1990 Sep. Includes references.

Language: English

Descriptors: Pheasants; Hen feeding; Brewers' grains; Feed intake; Egg production; Egg fertility; Egg hatchability; Reproductive performance

151 NAL Call. No.: DISS F1992180

Vergleichende Untersuchung zur Kondition von menschenaufgezogenen und wildlebenden Fasanen (*Phasianus colchicus*, L.) [Comparative investigation on the condition of pen-reared and wild pheasants (*Phasianus colchicus*, L.)].

Schulze, Johann Erik

Hannover : [s.n.]; 1992.

91 p. : ill. ; 21 cm. Summary in English. Includes bibliographical references (p. 84-91).

Language: German

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AUTHOR INDEX

(Neville William), 7

AAEBA 51

Abdul Mujeer, K. 148

Adams, A.W. 98

Adams, T. 142

AECTCV 32

Ahlawat, S.P.S. 14

Akimoto, R. 5

Al Falluji, M.M. 110

Al Sheikhly, S. 110

Al-Bana, A. 110

Alonso Martinez, J.L. 49

Amin-Babjee, S.M. 20

Andrade, Fernando F. M. 29

Arad, Z. 34

Arzey, G.G. 113

AVPAD 86

Baker, D.H. 41

Bastien, R.W. 97

Bates, D.P. 84

Baudinette, R.V. 131

Baxter, William L. 83

Behnke, Hans 64, 65

Benefield, K.J. 109

Benoff, F.H. 136

Best, T.L. 57

Bickford, A.A. 90

Bitgood, J.J. 84
Blackwell, Chris, 79
Bohari, Y. 20
Bowen, S.J. 146
Bramwell, R.K. 36
Braun, Clait E. 92
Brenner, F.J. 38
British Field Sports Society. 119
British Small Animal Veterinary Association 89
Broadway, R. 12
Brunton, R.B. 93
BTROA 25
Bucher, E.H. 25
Buerger, T.T. 81
Cain, J. R. 78
Cardillo, F. 115
Carisa, R.V. 141
Carpenter, J.W. 138
Cavalchini, G.L. 69
Cayley, Neville W. 7
CBPAB 142
Chernushin, P. 135
Chidananda, B.L. 26, 27
Cho, B.R. 90
Chute, M.B. 21
Clubb, S.L. 31
Cook, M.E. 84
Cooper, D.M. 76
Darda, D.M. 41
Davidson, W.R. 99
De la Cruz, L.F. 30
Degen, A.A. 147
DeYoung, C.A. 52
Dixon, R.J. 113
Docherty, D.E. 74
Doster, G.L. 99
Dren, C.N. 86
Dutkiewicz, W. 128
Edens, F.W. 88
Ellis, M. 19
EMMEL, M W 111
Evans, S. M. 101
Ewins, A. 40
Fidler, Mike 101
Flammer, K. 31
Flinders, J.T. 36
Follett, B.K. 108
Forejtek, P. 149

Fort, Michel 45
Fox, G.A. 32
Funk, E. M. 59
Galvin, M.J. 66
Gebhardt-Henrich, S.G. 43
Gee, G.F. 138
Gildersleeve, R.P. 44, 66
Glavits, R. 86
Goldsmith, A.R. 108
Grasman, K.A. 42
Gutierrez Galindo, J.F. 49
Gwazdauskas, F.C. 1
Hamilton, James C. 59
Hanson, L.E. 84
Harakal, D.S. 50
Hashiguchi, T. 13
Hashigughi, T. 137
Hayashi, K. 13
Hayes, Leland B. 10
Hensler, G.L. 138
Hitchcock, R.R. 100
Howman, K. C. R. 107
Huff, W.E. 21, 22
Hughes, B.L. 37
Illera, M. 30
Immelmann, Klaus 7
Ino, T. 67
INZTA 56
Itsaki-Glucklich, S. 34
Jackson, J. 6
Jarvis, W.T. 9
Jayaprasad, I.A. 71
Jensen, James M. 68
Jethon, W. 140
Johnson, James Harvey 68
Johnson, W.A. 133
Johnston, N.P. 36
Jones, J.E. 37
Jones, R.B. 130, 134
Jordan, Rick, 102
Jouglar, Jean Yves, 2
Jovanovic, V. 112
Jurani, M. 33
Kaetzel, D.M. Jr 35
Kam, M. 147
Kawamoto, Y. 67
Kawashima, M. Shioya, M. 114
Keith, J.O. 39

Kelleher, C.J. Jr 53
Kellogg, F.E. 99
Kempster, Harry Laverne, 59
Kendall, R.J. 116
Khera, S.S. 94
Kienholz, E.W. 150
Kiss, A. 33
Kohler, D. 82
Kondo, M. 114
Kraszewska-Domanska, B. 4
Kraszewski-Domanska, B. 143
Kumprecht, I. 149
Kvaltinova, Z. 33
Kvetnansky, R. 33
Lacasa millan, M.I. 49
Laitova, L. 95, 153
Larson, J.A. 123, 124
Lee, C.C. 20
Lee, T.K. 75
Legeard, Francis Robert, 48
Lisano, M.E. 81
Lloyd, David E. B. 119
Lokanath, G.R. 26, 27
Long, R.I.R. 74
Low, Rosemary 63, 103
Maeda, Y. 137, 13
Maguire, C.C. 24
Marks, H.L. 43, 85
Marshall, Rob 62
Martin, L.R. 9
Mataix, F.J. 30
Mayeda, B. 90
Mazurkiewicz, M. 140
McArthur, M.L.B. 32
McAtee, W. L. 104
McKnight, W.F. 122
McNabb, F.M.A. 1
McRee, D.I. 44, 66
Middendorf, S.M. 50
Mirarchi, R.E. 51, 81, 100
Mitchell, C.A. 39
Mohan, B. 148
Monetti, P. 56
Monetti, P.G. 55
Moreng, R.E. 150
Morrow, M.E. 50
Muruganandan, B. 148
Mutafov, L. 47, 23

Muzquiz Moracho, J.L. 49
Nagarajan, S. 71
Narahari, D. 71, 148
Nesbeth, W.G. 58
Nicholls, P.J. 113
NIPDA 114
Nunes, V. A. 70
Osterhoff, D.R. 96
PAMDD 90
Pani, P.K. 106
Par, O. 149
Parkhurst, C.R. 44
Parova, J. 149
Peakall, D.B. 32
Pfaff, W.K. 150
Philogene, B.J.R. 32
Ping, J. 86
Poonacha, K.B. 8
Porter, W. 77
Prathapkumar, K.S. 26, 27
Price, C. J. 89
Prus, S.E. 31
Quarles, Emmet Augustus, 3
Rakowska, M. 154
Ramamurthy, N. 148
Ramappa, B.S. 26, 27
Rathore, B.S. 94
Ratz, F. 86
Reeder, M. 38
Resseguie, W.D. 37
RIAVB 69, 115
Rice, D.H. 136
Ringer, R.K. 142
Robel, R.J.+ Dayton, A.D. 50
Roberts, E.D. 72
Roberts, J.T.R. 131
Roe, Dilys 152
Roles, D. Grenville 126
Rosenstrauch, A. 147
Ruff, M.D. 21, 22
Ryder, F.H. 130, 134
Saghy, E. 86
Sammut, John 62
Sanchez Franco, A. 49
Sasaki, M. 114
Sato, K. 67
Sato, S. 114
Satterlee, D.G. 72, 130, 133, 134, 141

Scanlon, P.F. 42, 51, 116
Schafer, E.W. Jr 93
Schricke, E. 54, 118
Schulze, Johann Erik 151
Sheikh-Omar, A.R. 20
Sheppy, A.J. 125
Shim, K.F. 75
Silva, Tony 120
Silver, R. 108
Singh, B.P. 14
Skinner, Martin 117
Slaugh, B.T. 36
Small, P.J. 139
Smartt, R.A. 57
Smith, Jack 60
Smith, Sid 60
Snodgrass, T.J. 50
Soares, J.H. Jr 35
Somes, Ralph G. 73, 127
Somogyiova, E. 33
Southern Regional 4-H Wildlife Literature Committee. 121
Spiers, D.E. 142
Sreenivasaiah, P.V. 26
Sreenwasaiah, P.V. 27
Srivastava, H.P. 14
Storrs Agricultural Experiment Station 73
Sugg, D. 44
Sullivan, J.P. 42
Sundararasu, V. 148
Sunde, M.L. 84
Swarbrick, O. 105
Sweeney, Roger G. 87
Swiderski, A. 128
Szkiladz, W. 154
Tan, E.L. 75
Tantawi, H.H. 110
Tarasenko, B. 112
Terrill, J. 77
Texas Agricultural Experiment Station, Texas Agricultural Extension Service 78
Thangavel, A. 148
Thaxton, J.P. 66
Thyagarajan, D. 71
Tome, M.E. 1
Tomlinson, Roy E. 91
Tregubov, A. 18
Trollope, Jeffrey 132, 132
Tserveni-Gousi, A.S. 129
Tsuyoshi, H. 5, 144

Ueno, T. 145
Universities Federation for Animal Welfare 152
Verga, M. 69
Viswanathan, S. 148
Vitte-Bouzin, Marie-Francois, 46
Vriends, Matthew M., 28
Wada, M. 5, 144
Waechter, D.G. 52
Warner, R.E. 41
Washburn, K.W. 146
Weber, H. 141
Weiner, Stanley T. 68
Wentworth, B.C. 84
West, G.B. 90
West, J.R. 11
Wichrowski, B. 4
Wilhelmson, M. 17
Wilhelmson, Martin 16
Wilkins, G.C. 22
Willemart, J.P. 118
Williams, B.A. 24
Wilson, H.R. 58
Wilson, Kevin 61
Wise, D.R. 40
Wolfe, Carl W. 83
World Veterinary Poultry Association 54
Wormeli, B. C. 78
Yamada, M. 145
Yannakopoulos, A.L. 129
Zemlianskii, E. 15
Zimmer, Saskia, 80

SUBJECT INDEX

Acclimatization 145
Adaptability 38
Adrenal cortex 146
Adrenals 1
Adverse effects 113
Aflatoxins 21, 22
Age 148
Age at first egg 71
Age differences 71, 129
AGGLUTINABILITY OF CELLS 111
Animal behavior 147
Animal breeding 30, 97, 98
Animal experiments 31
Animal feeding 97, 98

Animal husbandry 76, 77, 124, 149
Animal production 122
Animal welfare 36
Assortative mating 4
Australia 7
Autumn 5
Aviary birds 19, 20, 31
Aviculture 63, 96, 123
Avipoxvirus 74
Bibliographies 123, 124
Bibliography 92, 92
Biology 76
Bird banding 91
Birds 10, 63, 81, 83, 91
Birds of prey 119
Birds' nests 52
Birds, Ornamental 152
Birds, Protection of 119
Blood 72
Blood plasma 5, 130, 134, 144
Blood serum 133
Body temperature 34, 131
Body weight 1, 21, 22, 27, 71, 85, 148
Bones 72
Brain 34
Brazil 25
Breed differences 13
Breeding 4, 29, 45, 102, 127, 127, 143
Breeding methods 44
Breeding season 5, 144
Brewers' grains 150
Brids 7
Cage birds 89, 132, 132
Cage rearing 12, 27, 44
Cages 26
Calcium 35
California 9, 90, 139
Canaries 19
Catecholamines 33
Cells 141
Chickens 13, 45, 145, 146
Chicks 129
Chlamydia psittaci 31
Cholecalciferol 35
Chukar partridges 59
Cloaca 5, 144
Cold stress 24, 38, 131
Colinus Virginianus 12, 22, 24, 123, 124

Concentrates 147
Conservation 121
Conures 28
Corticosterone 30, 72, 130, 133, 134, 141
Corticotrophin 141
Coturnix 1, 131
Coturnix coturnix 30, 66, 88
Counters 52
Dark 144
Ddt 39
Deep litter housing 27
Deep litter poultry housing 26
Dehydration 34
Development 30
Diet 31
Directories 73, 127, 127, 127, 127
Disease control 76
Disease prevention 98
Diseases 10, 10
Domesticated birds 19
Dosage effects 113
Doxycycline 31
Drug therapy 31
Ecology 57
Egg fertility 150
Egg hatchability 26, 42, 43, 44, 148, 150
Egg production 26, 44, 71, 145, 150
Egg quality 71
Egg shell thickness 71
Egg shells 148
Egg weight 71, 129, 148
Egghatchability 113
Eggs 102, 102, 122
Electromyography 131
Electronics 52
Emus 68
Energy intake 38
Environment 85
Environmental temperature 5, 34, 144
Epidemiology 20
Estrildidae 101
Europe 127, 127
Experiments 31
Farm management 96
Fearfulness 130, 134
Feather production 96
Feathering rate 36
Feathers 96

Feed conversion 21, 22, 36
Feed conversion efficiency 27
Feed formulation 149
Feed intake 147, 150
Feed supplements 149
Feeding 31
Feeding habits 57
Femur 72
Fertility 44
Finches 29, 74
Flocks 4, 143
Food preferences 6
Foods 121
France 45, 45, 45
Furazolidone 113
Galliformes 45
Game and game-birds 10
Game bird culture 10
Game birds 6, 52, 57
GAME BIRDS 111
Game birds 121
Game farming 6
Game management 123
GEESE 111
Generations 44
Genes 4, 143
Genetic gain 85
Genetic variation 67
Geographical races 38
Gouldian finch 62
Grass finches 7, 101
Growth rate 36
Habitats 6, 121
Hatcheries 45
Hatching 148
Hatching weight 129
Heat production 131
Heat stress 34, 145, 146
Heat tolerance 146
Hematology 66
Hemorrhage 66
Hen feeding 150
Heritability 67, 85
History 121
Hormone secretion 5, 144
Hunting 6
Hypothalamic regulation 33
Hypothalamus 33

Idaho 74
Immobilization 130, 133
Improvement 96
Incubation 97, 98, 102, 122, 148
India 94
Ingestion 81
Intermittent light 36
Investment promotion 109
Iraq 110
Isolation 74
Italy 56
Japan 13, 67, 114, 145
Japanese 77
Japanese quail 78
Japanese quails 4, 5, 13, 22, 26, 27, 33, 34, 35, 42, 43, 44, 67, 71, 72, 76, 85, 113, 129, 130, 133, 134, 141, 143, 144, 145, 148
Kidneys 21, 22
Laboratory animals 76, 77
Laboratory methods 76
Laying performance 42, 43, 113
Lead 81
Least squares 26
Lesions 21, 22
LESIONS 111
Lh 5, 144
Light 144
Light intensity 5
Lighting 84, 148
Line differences 134
Liver 21, 22
Liver function 145
Louisiana 122
Macaws 87
Maladjustment 88
Male fertility 43
Males 43
Mating frequency 42
Mating systems 42, 43
Metabolism 30
Metabolites 35, 39
Mexico 52
Mississippi 12
Molting 144
Mortality 21, 22, 27, 44
Mourning dove 91
Mourning dove shooting 91
Muscles 13
Natural light 5

Nebraska 83, 83
New Mexico 57
North America 127, 127
Nuclei 33
Ochratoxins 21, 22
ORAL 111
Organophosphorus compounds 24
ORIGINAL EXPERIMENTAL WORK 111
Osmotic pressure 1
Ostriches 68, 96, 97, 109, 123, 124, 147
Ovulatory surge 35
Oxygen consumption 131
Parental behavior in animals 63
Parrots 60, 61, 63, 102, 102, 102, 103, 117, 120, 152
Partridges 22, 64, 65, 123, 124
Pasteurella multocida 53
Peafowl 104
Pedigree 4
Pennsylvania 38
Pens 122, 147
PERSISTENCE OF 111
Pesticides 24
PHASIANIDAE 111
Phasianus colchicus 21, 22
Pheasant culture 3, 107
Pheasant egg production 105
Pheasant shooting 3
Pheasants 36, 45, 53, 64, 65, 84, 105, 107, 122, 123, 124, 126, 139, 149, 150
Photoperiod 5, 36, 144
Pigeons 20
PIGEONS 111
Poland 140
Population decrease 38
Population density 52
Population forecasts 52
Porosity 72
POSTMORTEM 111
Poultry 45, 127, 127
Poultry breeds 73, 127, 127
Poultry diseases 12, 105
Poultry housing 71, 148
Poultry products 109
Poultry rearing 105
Protein degradation 13
Protein synthesis 13
Psittaciformes 31
Psittacosis 31
Quails 38, 57, 59, 77, 123, 124, 146

Radioimmunoassay 141
Reproduction 84
Reproductive performance 42, 84, 150
Reproductive traits 26
Respiration rate 34
Rheidae 68
Ring-necked pheasants 83
Sampling 52
Seasonal fluctuations 5
Selection 67, 133
Selection criteria 130, 134
Selection differential 85
Selection responses 85
Sex ratio 84, 148
Songs 52
Sounds 52
South Africa 96
South east asia 20
Southeastern states of U.S.A. 6
Spain 49
Spirochaetaceae 139
Spring 5
Stocking density 71
Storage 148
Strain differences 130
Strains 13
Streptococcus faecium 149
Streptopelia 39
Stress 33, 85, 88, 130, 133
Stress management 72
Stress response 66, 72, 134, 141
Struthio camelus 98, 147
Summer 5
Survival 67
SUSCEPTIBILITY OF ANIMALS 111
SUSCEPTIBLE ANIMALS 111, 111
T-2 toxin 21, 22
Temperature 34
Temperatures 67
Texas 52
Thyroid function 146
Time and motion studies 147
Toxicity 21, 22, 39
TOXINS 111
Trichomonas gallinae 20
Tropics 75
TURKEYS 111
United States 3

Upland game bird culture 10
Upland game bird management 83, 91
Upland game bird shooting 92
Upland game birds 92
USA 99
Vaccines 53
Varieties 19
Water deprivation 34
Water intake 147
Water stress 1
Waxbills 101
West (U.S.) 91, 91, 91, 91, 91
Wildlife 57, 121
Wildlife management 38, 52
Yugoslavia 112
Zebra finch 79

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