

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 8-V-47 Accession No. 0203
From Henry Heterburg
Address RD. 2, Brown Rd., Elma, N.Y.
Breed B.R. No. 1 (A) Age 3 wks
Other Material 312 - lost 5 (misc mort)

Only this one is affected now. He shows incoordination in locomotion and in his head movements, making it difficult for him to pick at the feed. Rest of flock is O.K.
Postmortem - Negative

Diagnosis Negative

Reported. Date 8-V-47 By gdm
usally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 8-V-47 Accession No. 0204
From B. J. Koch
Address Alden, N.Y.
Breed Crosses No. 7 (D) Age 3 wks

Other Material 300 - lost 30, 7 this
morning. A very few gasps; a little
whizzing. 200 begins in next pen;
one in a while one will gasp; lost only
2 - saweage. From Avery's
Hatchery, Mass.

Postmortem - Excess mucus in
tracheas; air sacs suspicious for
cloudiness - dead for long enough to
make this difficult to ascertain.

Cult Swabs PL AGAR
S.S. AGAR - Negative

Diagnosis Negative

Reported. Date 9-V-47 By GBM
phone

Mr Koch phoned 12-E-47. Mortality 30%
but apparently decreasing. Typical Newcastle
nervous symptoms.

AGCC

Department of Pathology and Bacteriology

POULTRY DISEASES

Send copy of report to:
Wm H. Baker
491 Elm St.
Providence, R.I.
4026

Date 8-V-47 Accession No. 0205
From E. A. Halbleib (Covington)
Address Lake Ave. (3750), Rochester, N.Y. Mill St., Jamestown
Breed W. 2 No. 81 (4A) Age 3 wks
Other Material 350 - has lost 90. Came from
Golden Rule Hatchery: "leg weakness"
gaspings, some sneezing, some nervous symptoms
(10 days) (3 or 4 days)
lost 14 first night; and a few
right along ever since.
Ext. Exam. - Tracheal rales, only one
of the four live birds still on feet; he would
sneezes now & then, showed head tremor,
circling, and mostly staring; assumed
dumbfender position now.
Postmortem - Cloudy air sacs -
Diagnosis Newcastle Disease (Virus isolation)
Reported. Date 21-V-47 By P. P. L.

23-VI-47 - JPM

Brain, spleen, & lungs removed & sent
to Itasca - Positive virus isolation

RECEIVED

10-10-1954

0592

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 8-V-47 Accession No. 0206
From G.P. Rhodes
Address Clarence Center, N.Y.
Breed W.Z. No. 4 (2A) Age 3 wks
8 wks
10 wks (2A)
Other Material 3 & 8 wk olds - mixed

Suspects coccidiosis a little in 8 wk
old and coccidiosis in 10 wk olds.
E. & E. even of 10 wk olds - a little
light weak.

Postmortem

3 wks - Very severe nephritis, water on
kidneys and packed in the ureters - one of
them enormously distended.

8 wks - Large, light colored patches
on liver, also thickened & having a

Diagnosis Nephritis, blackhead, E. acervulina, E. necatrix

Reported. Date 8-V-47 By G.P. Rhodes
only

V

few ulcerous patches. M.E. - neg. for coccidiosis.

10 hrs. Duodenum loops a little inflamed,
mucosa thickened. Middle third of intestine
dilated and spotted with pinpoint
white spots + hemorrhages.

M.E. *E. acervulina*, *E. necatrix*

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POULTRY DISEASES

4026

Date 8-12-47 Accession No. 0207
From Jake Kipper
Address Ballis Rd., Elma, NY
Breed SCW 1 No. 1 (A) Age adult
Other Material Abt. 50% of flesh with soft
yellow lesions on head, dark scabs
on comb and/or wattles. Egg production
down.

Post Exam - Typical pox lesions.
Several soft, yellow scabs on comb &
wattles and especially on the latter.
Hard dark scabs on comb, wattles,
and around eyes.

Diagnosis Fowl pox
Reported. Date 8-12-47 By JDM
rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 8-V-47 Accession No. 0208

From Henry J. Pieber

Address East Haverhill, N.Y.

Breed W. 2 No. 3 (1A) Age 1 wk.

Other Material A Cornell resistant chick.

S.T. Exam

CU R5277 Very small, dumpy, abdomen dark
& puffy; postured; wings droopy; chick
weak.

Postmortem infected navel, large, watery,
unabsorbed yolk, Peritonitis

Cultured liver: pl. Agar - Negative.

Miscellaneous Mortality: 8 B 50 - postmortem - Negative

Cult. liver SS Agar - negative

7C47 - large, watery, unabsorbed yolk, right lobe of
liver swollen & rounded, entire liver fibratic & streaked
with white (over)

Diagnosis Navel infection, hepatitis

Reported. Date 13 V-47 By S.T.B.M.

✓

an old, healed, rib fracture (last rib) was present on the
right side directly over the right lobe of the liver.
Cult. liver: SS agar. negative

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POULTRY DISEASES

4026

Date 8-V-47 Accession No. 0209
From Elmer Wulf
Address Lyndonville, N.Y.
Breed N.H. No. 6(A) Age 3 1/2 wks
Other Material 205 from James Krejci, 9507-11
Meech Ave., Cleveland, Ohio. Chicks
were O.K. until a week old. Has
been losing 2 or 3 a night. Lost a total
of 22 or 23 to date, not including
chicks brought in.
External Exam - Small, lumpy,
weak, some pasted, no gasping.
Postmortem
Swollen spotted liver (3)
Lung abscesses (5)
Diagnosis Pullorum
Reported. Date 13-IV-47 By SSM

✓

Necrotic hearts (5)

Gizzard necrosis (3)

Lower bowel plaques (3)

Cult livers PL. AGAR - a few "pullorum" colonies

↓
SUGAR) Bacterium
pullorum

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POULTRY DISEASES

4026

Date 7-V-47 Accession No. 0210
From Lugh R. Jones
Address Franklinville, N.Y.
Breed N.H. No. 6(2A) Age adult

Other Material

Ext. Exam - Soiled feathers around
& below vent. One live bird
very weak - near death.

Postmortem

Swollen, necrotic, friable livers (6)

Greenish surface on liver (1).

Swollen spleen (2)

Necrotic hearts (4)

Lower bowel plaques (3)

Cult. livers PL & S.S. AGAR - Bacterium pullorum

Diagnosis Pullorum

Reported. Date 20-V-47 By JSB

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 9 - VII - 47 Accession No. 0211
From Henry J. Kreher
Address Carey Road, East Amherst, N.Y.
Breed _____ No. 11 (2 A) Age 5 to 10 weeks
Other Material 5
5M15 - Severe nephritis M.E.: negative
4M23 - Severe nephritis M.E.: negative
4M21 - About half of intestine either cannibalized or eaten by
rodents apparently after death. Otherwise Negative. M.E.: Negative
10J7 - Negative for gross lesions. M.E.: Negative
11E28 - M.E. a few Eimeria acerulina
4B29 - Badly cannibalized around vent, also intes-
susception M.E.: Negative.
5E27 - numerous Eimeria Brunetti } Lower $\frac{1}{3}$ of intestine hemorrhagic
5D37 - numerous Eimeria Brunetti } and somewhat necrotic.
Diagnosis Nephritis, cannibalism, E. acerulina, E. brunetti
Reported. Date 13 - V - 47 By J. B. Brown

5B20 - *Eimeria Brunetti*. Lower half of intestine
dilated, necrotic, and very hemorrhagic —
distended with blood and necrotic mucous
membrane.

3 M 10 (A) - negative

10 M 13 (A) - negative

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POULTRY DISEASES

4026

Date 9-V-47 Accession No. 0212
From O. Fecteau
Address 4473 Seneca St., Ebenezer, N.Y.
Breed W. R. No. 2 (A) Age 2 months
Other Material 100 in affected flock. Off feed.

Collosum: Somewhat dumpty.
Postmortem

Duodenum dilated and a little thickened.

Some enteritis in the third of intestine

M.E. - E. acervulina & E. maxima

Diagnosis E. acervulina, E. maxima

Reported. Date 9-V-47 By J. J. Smith
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 9-V-47 Accession No. 0213
From A. C. Ehman (G. C. Williams)
Address West Valley, N.Y. West Valley Milling Co.
West Valley, N.Y.
Breed N. H. No. 6 (A) Age 2 1/2 wks
Other Material 1500 - In two bunches a week
apart. First were 0.12. Second bunch -
lost 8-10 birds in first week from one
of the two houses they are in. The
chicks were customarily hatched from our
flock at Newhaver's Hatching. Got
weak, droopy. *U.S.P. Paced
lost total of 21 in affected house (350)
counting the 6 brought in. lost 5 out
father's house.
Get Exam - Sleepy & tottery.
Diagnosis Rickets
Reported. Date 9-V-47 By J. J. M.
orally

Postmortem - All bones soft &
rubbery. Epiphyseal cartilage several
times wider than normal on line
test. Ribs distorted and beaded.

Cult - Virus PL AGAR - Negative

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 9-V-47 Accession No. 0214
From Bernie Boldt
Address Transit Rd., Orchard Park, NY.
Breed Comish W.R. Game No. 5 (ID) Age 5 1/2 wks
Other Material 200 in affected flock, younger
flock of 200 just starting to show it.
Has had doses for a year and a half at
various times. Lost 35 out of 100
during first few days. Most groups,
however, start to die at 4 or 5 wks.
No "colds".

Ext Exam - Birds dumpy and diarrhetic.
Rough feathered, growth poor. One bird
has a large, bulbous scab-like
lesion over the upper beak at the
Diagnosis Mycosis

Reported. Date 9-V-47 By ESDM
only

✓

level of the nostrils.

Postmortem

Bird with lesion on upper beak and another bird both have membranous patches on tongues, also relatively small (1 mm.) patches on floor of mouth at base of tongue. One of these birds had diphtheritic patches in crop and a proventriculitis. Also one of them had a severe necrotic enteritis with a profusion of small diphtheritic membranes adherent to intestinal mucosa. One liver mottled with rel. large areas of necrosis.

M.F. - Negative for coccidiosis. Clumps of small, round bodies, suggestive of spores were noted, however.

Cult one liver PL. SGAR - Negative

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 9-V-47 Accession No. 0215
From Fred Waterstran
Address Colden, N.Y.
Breed N.H. No. 3(2D) Age 6 wks
Other Material 1000 - Trouble for about a week.
Lost 6 or 8. There are a lot that are
dumpy, dumpy-winged, and weak-legged.

Postmortem

White streaks on duodenal
m.m. - Middle third of intestine
dilated & heavily speckled
with pinpoint white spots &
hemorrhages.

M.E. & E. acervulina, E. necatrix
Diagnosis E. acervulina, E. necatrix

Reported. Date 9-V-47 By SDM
orally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 10 - V - 47 Accession No. 0216
From Stanley Sydes
Address Clarence Center, N.Y.
Breed W. 2 No. 2 (A) Age adult
Other Material 150 - about 20 showing sneezing, squawking, gasping. 4 or 5 gasping severely. Had something like this in January; showing up again now. This time they have been exhibiting symptoms for about 3 wks. In January they went down from 150 to a dozen a day in about 3 days. Were down for 2 wks. This current outbreak knocked production down to about 3 doz. a day. Losing a bird, sometimes 2, a day.
Diagnosis Fowl pox
Reported. Date 10 - V - 47 By J. S. Bur

neely

✓

External One bird gasping a little. Other
show abscess near eye and one on comb
near upper beak.

Postmortem

A couple of small diphtheritic patches
in mouth. Deposits of caseous
yellow material around larynx; one's
larynx quite obstructed.
Catarhal tracheitis

Department of Pathology and Bacteriology
POULTRY DISEASES

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Date 10-V-47 Accession No. 0217
From William Murray
Address Burdick Rd., Hickam, N.Y.
Breed N. H. No. 11(5D) Age 1 to 5 wks
Other Material See accession # 171. Mortality continuing. Chicks stunted. Practically all the chicks in the different bunches are affected.
Ex Exam - No resp. symptoms. Chicks stunted to small for age.
Postmortem - Negative except that most were not eating.
Cult. Inoc. PL, A, C, R - Negative

Diagnosis Negative
Reported. Date 20-V-47 By JSBm
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12-V-47 Accession No. 0218
From Fred Valentine (Norman C. Kidder)
Address R.D. Medina, N.Y.
Breed W. 2 No. 3(A) Age 6 wks
Other Material Flock going downy. Diagnosed
as intestinal coccidiosis by Mr. Kidder
and put on sulfaguanidine on the
9th. 300 in flock - lost 9, 4 since
treatment started. Came from Rex (Betsy)
Pennsville. Sanitary conditions were
not good.

Postmortem - Intestine of one
was a little dilated; thin walled;
showing evidence of loss of mucous
membrane. Pungent hemorrhages but

Diagnosis Negative

Reported. Date 12-V-47 By GPJ
ally

no white spots

M.E. Negative

Department of Agriculture and Forestry
INDUSTRIAL DISEASES

8218

Accession No.

8218

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 12 - V - 47 Accession No. 0219
From Fleet Canfield (N. C. Kidder)
Address R. D. 2, Medina, N.Y.
Breed Rock Red Crosses No. 3 (A) Age 9 wks
Other Material 150 from Hall Bros. through Rignell's
Feed Store, Medina. Thought he had
rickets to begin with so increased Cal
line Oil. Bg condition has increased
recently however. All small birds &
some big ones show it. Management
is excellent. "130 birds left", some
losses occurred previous to worker's diagnosis
of rickets. Present bg condition is
on the increase.
Ext. Exam. Birds weak & tottery on

Diagnosis E. acervulina

Reported. Date 12 - V - 47 By JTBm
orally

their legs.

Postmortem

A few large transverse white
strips on mucous membrane of
lower part of duodenum and in
middle third of intestine.

M. E. *E. acervulina*

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12 - V - 47 Accession No. 0220

From Don Schrader

Address Ellicottville, N.Y.

Breed W. 2. No. 9 (4D) Age 2 wks

Other Material Bought 600, 38 dead on arrival,

from Martle Bros., Windsor, Mo. No

smell were lost until third day. On

arrival some were feathered out & seemed

quite a bit larger than others. No respiratory

symptoms noticed until a week or 8 days

ago. Went off feed. Has lost about

50 since arrival. Owner notices 35-40

mol showing respiratory symptoms -

coughing. No nervous symptoms

Layers started showing respiratory

Diagnosis Infectious bronchitis, pullorum

Reported. Date 15 - V - 47 By JSB

✓

symptoms 2 days after the chicks. Owner immediately sold them before egg production went down.

E. Krum - Sneezing, rattling, occasionally gasping.

Catarrhem:

Foamy, yellowish, mucoid exudate in air sacs. Occasionally a little yellow exudate in lung bronchi.

Catarrhal tracheitis, much mucus in tracheas.

Lung abscess (1)

Cecal plug & plaques (1)

Lower bowel plaques (2)

Cult from PL. AGAR - a few "Bacterium" colonies

Lung, lower bowel in T & → PL. & SS AGAR - Bacterium

2 Chicks inoculated 13-V-47 - pullorum

14-V-47 (24 hrs). One showing definite tracheal rales.

15-V-47 (45 hrs) One showing very marked tracheal rales. Less severe tracheal rales in other chick.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12 - V - 47 Accession No. 0221

From Henry Reuter

Address Holland, N.Y.

Breed W. L. No. 7 (A) Age 3 wks

Other Material 3500 young stock up to 12 wks old.

Trouble only in this one house of 180.
about 30 % are affected. Not only
a few. Won't eat. Eggs & corners
of mouth get crusted.

Ex Exam - Crust on eyelids & at
corners of mouths. Gizzards empty.
Postmortem

Gizzards, gizzards empty; some
gizzards containing a little brownish
fluid.

Diagnosis "Stunted chick disease"

Reported. Date 12 - V - 47 By SSM
naley

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12-V-47 Accession No. 0222

From S. C. Pemberton

Address Alleen Rd., Smith Wales, Ky.

Breed W. L. No. 4 (D) Age 1 wks

Other Material 35 from Harry Holmwood last Tuesday. OK until Friday when he lost 7. Was only 10 left now out of the 35. No respiratory symptoms.

Postmortem: All bones soft; break with little or no snap.

Further questioning during postmortem revealed that chicks would rest down on rocks (not on keels) for a while before death.

Cult. Lewis PLACAP - Negative

Diagnosis Ricketts

Reported. Date 12-V-47 By JSBM
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12 V - 47 Accession No. 0223
From Norman Williams
Address East Aurora, NY
Breed W. H. No. 2 (D) Age 1 wk

Other Material Misc. material
East Aurora - One pasted:
Postmortem

Unabsorbed yolk, ruptured in one.
Navel healed & infected,
Peritonitis (1)

Diagnosis Navel infection

Reported. Date 12 V - 47 By J. S. M.
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12-V-47 Accession No. 0224
From Norman Littlejohn
Address Center St, East Aurora, N.Y.
Breed Bronze No. 2 (P) Age 6 wks

Other Material

Postmortem

Blackhead virus.

Large caseous plugs in ceca;
cecal walls badly ulcerated.

Diagnosis

Blackhead

Reported.

Date

12-V-47

By

STDM

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12-IV-47 Accession No. 0225
From Floyd Jones Bros.
Address Chaffee, NY.
Breed Bronze No. 5 (1A) Age 5-6 wks
Other Material Test 15 out of 2,000. A few others dumpy.

Postmortem - Intestine shows a
catachol enteritis, some necrosis and
hemorrhage. Varying amounts of
blood in intestine.

ME - Mixed intestinal coccidiosis.

Diagnosis Mixed intestinal coccidiosis

Reported. Date 12-IV-47 By ESM
phone

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12-V-47 Accession No. 0226
From John L. Muchler (K.B. Hallock)
Address Homell, N.Y. Greenwood, N.Y.
Breed Red-Rock, ~~White~~ No. 1 (A) Age 12 wks
Other Material 500 — Trouble just started
in last week or so. Symptoms:
diarrhea, "leg weakness", poor fleshing.
lost a flut.
Ext. Exam — Dumpy, weak legs,
light.
Postmortem — Duodenum seems
thickened & dilated but m.m. looks
O.K.
ME. Negative

Diagnosis Negative
Reported. Date 12-V-47 By JJBm
only to Hallock

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 12 - V - 47 Accession No. 0227
From Mr. King (K.B. Hallock)
Address Hornell, N.Y. Greenwood, N.Y.
Breed N.H. No. 2 (A) Age 10 wks

Other Material 200 - Same symptoms as
Mr. Muchler (# 226) but worse.
Lost a few; others are in poor condition.
Eat & Roam - Rumpy, legs weak,
a little light.

Postmortem - 5 or 6 prominent transverse
white streaks in extreme lower
part of duodenum and in middle third
of intestine. An occasional pinpoint
white spot visible from serosal surface
of middle third of intestine.

Diagnosis E. acervulina & E. necatrix

Reported. Date 12 - V - 47 By G.B.M.
only to Hallock

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 13-V-47 Accession No. 0228
From Howard Baker (2: A. Dickerson)
Address Ransomville, N.Y.
Breed N. H. " No. 2 (A) Age 1 wk
Other Material 3/4 of these in one of 4 pens of 400 each.
Ex. Exam - One chick can sometimes
be induced through excitement to
twist head to one side. Other
chick holds head very slightly
tipped toward one side.
Postmortem - Negative
Cult. Exam PLRGR - Negative
Removed brains & spleens & lungs
not sent in - nothing else noted in
flask either before or after above date?
Diagnosis Negative
Reported. Date ? Oct. 20-25-V-47 By JSB
pkw

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 14-V-47 Accession No. 0229
From H. A. Brooks
Address 559 Seneca Creek Rd., Gardenville, N.Y.
Breed W. 2 No. 3 (A) Age 6 wks
Other Material 1, 000 - Dumpiness noted in
some for a few days. Lost about 6.
E. tenella - Dumping; two are runty.
Postmortem

Blackhead liver (1)

Ceca ulcerated and filled with hard
caseous plugs (2)

Ceca of third bird contained a
little thick blood mixed in with
the feces.

ME Only the third bird showed
Diagnosis Blackhead, E. tenella

Reported. Date 14-V-47 By JSB
nelly ✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 14-V-47 Accession No. 0230
From (Harry Jacklin) Vita-Vin Mills
Rochester 135 Scott St.
Address Buffalo, Ny.
Breed W. 2. No. 3 (A) Age 5 wks
Other Material Chicks sent by Vita-Vin dealer,
Harry Jacklin, Rochester to Vita-
Vin in Buffalo for diagnosis. No
other history.
Ext Exam - all three show twisting
of neck & head to the side and/or
downward. One exhibits a coarse
head tumor and one a loose clasp.
Another has tracheal rales -
Postmortem Cloudy air sacs.
Blood sample drawn - Positive H.I.
Diagnosis Newcastle Disease (H.I.)
Reported. Date 29-V-47 By P.P.L.

Brains, spleens, & lungs removed

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 14-V-47 Accession No. 0231
From J. Petrie
Address Altica, N.J.
Breed Red Rock Cross No. 2 (A) Age 4 months
Other Material 150 - Birds have been going
 lame recently.

Ext. Exam - Act weak on legs, not
paralytic - both legs affected
about the same.

Postmortem

although the epiphyseal cartilage
was not more than 50% thickened
normal, all the bones were weak.

The metatarsi and even the tibiae
could be broken easily, the former

Diagnosis Rickets

Reported. Date 14-V-47 By G. J. Jones
only

with no snap and the latter with a
dull snap. The ribs were weak and
relatively flexible and would break
without snapping.

1139

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 14-V-47 Accession No. 0232
From Mrs. John Klevlin
Address Town Line Road, Alden, N.Y.
Breed New Hampshire Red No. 1 (A) Age adult
Other Material 100 birds, only 1 pen with 50 birds affected.
Lost 4 suddenly in 2 weeks.

P.M. swollen, necrotic, greenish liver; swollen spleen,
necrosis of heart muscle and intestinal and lower
bowel plaques.

Cult. birds PL. AGAR } "Bacterium" colonies
SS. AGAR }
↓
SUGARS
↓
Bacterium pullorum

Diagnosis Pullorum

Reported. Date 20-V-47 By JS ✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 14-V-47 Accession No. 0233
From Railway Express (McClelland Vet. Hosp.)
Address Buffalo 455 Ellicott St.
Buffalo N.Y.
Breed W. 2 No. 5 (2D) Age 2 days
Other Material About 50% of shipment dead on
arrival in Buffalo. Marked "Hatched 12th"
on box.

External Exam - Thickening & scabiness
of the navel noted in one dead & two
live chicks. Live chicks dumping.

Postmortem

Infected, unhealed navels (4-2A, 2D).
Large, watery unabsorbed yolks (4)
Peritonitis (1)

Diagnosis Navel infection

Reported. Date 20-V-47 By JSB

Cult 2 were PL. AGAR } negative
S.S. AGAR }

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FEBRUARY 1961

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RECEIVED
FEBRUARY 1961

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Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 15-V-47 Accession No. 0234

From Edward Parvisek

Address Eden, N.Y.

Breed W 2. J. No. 6 (2D) Age 3 wks

Other Material 400 - Cockerels - 3 per ea. - Trouble
from the start - a few would keep
developing ophthalmia. Has lost
35 - 40. Some get so they cannot
stand. No respiratory symptoms.

Postmortem

Large, transverse, white streaks
(just a few) on inner wall of duodenum
and middle third of intestine.

M.E. - E. acervulina

Diagnosis E. acervulina

Reported. Date 15-V-47 By JSB

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 15-V-47 Accession No. 0235
From Albert Davis (G. P. Rhodes)
Address Clarence Center, N.Y. Clarence Center, N.Y.
Breed W. 2 No. 3 (2D) Age 1 wks
Other Material 300* from Suburban Supply, William
St. & Harlem Rd. Source is supposed to
be U. S. P. Clean. Mortality is 30 to date.
are in battery in a battery room tightly
partitioned off from a pen of layers.
* [One dead in the chick house. Lost one
and two a day right from the start.
The laying birds had pullorum as chicks.
Pulverulent
One showed an edema of the
abdominal wall.
Diagnosis Pulverulent
Reported. Date 20-V-47 By ESB

Swollen, spotted liver (1)
Incompletely absorbed yolk (1)
Lower bowel plaques (2)

Cult & liver PL. AGAR - }
SS AGAR - } Bacterium pullorum

Liver & lower bowel tissue in T & -

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 15-V-47 Accession No. 0236
From Earl Dunlap (Ed. Dickerson)
Address Middleport, R.D., N.Y.
Breed W-2 No. 7(3D) Age 3 wks
Other Material 550 - from Sunshine Hatchery,
New Albany, Indiana. "Colds" &
mortality started about a week ago.
Has lost as many as 25 a day. Mortality
a little over 20% up to yesterday.
Some nervous symptoms observed. 330
of the same lot of chicks went to
a neighbor and are doing pretty
well. Both lots were bought through
Sears Roebuck, Rockport.
External Exam - Sneezing; severe
Diagnosis Newcastle Disease (virus isolation)
Reported. Date 11-VI-47 By P.P.H.

prelim letter 20-V-47 ssm ✓

gasping in a couple; tracheal rales. No
neuro symptoms evident.

Lungs, spleen, brain sent to Ithaca -

Positive virus isolation

8520

on 10/10/1918

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 15-E-47 Accession No. 0237
From Herman Barnett (R.B.) Fallock
Address Wellsville, N.Y. (Star Route) Greenwood, N.Y.
Breed Holland Whites No. 3 (A) Age 4 wks
Other Material 300 from Rucker's Imperial
Breeding Farm, Ottumwa, Iowa.
4 weeks 10 days ago "colds" developed.
Now, nervous symptoms are present
- staggering, dumbing, coarse head
tremor.
Ex & Exam - Dumbing, staggering -
Blood sample drawn
Serum sent to Ithaca - Positive H.I.

Diagnosis Newcastle Disease (H.I.)
Reported. Date 30-E-47 By P.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 15-V-47 Accession No. 0238
From Allan A. Will, Will Poultry Co.
Address 1223 Wilbur St., Buffalo, NY Phone MA 2000
Breed ^{714?} Reds & Bronze Turkeys No. 5 chickens (D) Age 2-3 wks
Other Material Newcastle disease suspected
by owner — respiratory symptoms
& nervous symptoms.
Postmortem — cloudy air sacs.

Diagnosis Negative
Reported. Date 20-V-47 By JHDM
ally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16 - V - 47 Accession No. 0239
From Lester Trinch (Mrs. Trinch) 9:00 AM 66 F 12
Address Cornwall Rd., South Wales, NY.
Breed W. 2 No. 1 (A) Age 2 yrs
Other Material 100 - Two a day dying since
last Saturday (10th). Lost about 10
in all so far. Added 20 yearlings
to flock about a month ago. These 20
have never experienced any disease. Came
from Mrs. Trinch's mother in law.
Lab. Exam - Diarrhea.
Postmortem
Intest slightly swollen & spotted.
Cecum & somewhat hemorrhagic
enteritis. Membranous patches in
Diagnosis Negative
Reported. Date 24 - V - 47 By ggs
phone

Duodenum.

Cult. liver PL AGAR - One susp. "Bacterium" colony

Blood AGAR - negative

Liver in T.C → PL AGAR }
S.S. AGAR } Susp. "paratyphoid"
colonies



SUGARS

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16-V-47 Accession No. 0240
From Clarence Wilmot
Address Rushford, N.Y.
Breed Red Rock No. 6(A) Age 10 wks
Other Material 1600 - Trouble with this previous
group in January - lost 600. Difficulty
in locomotion at 8-10 wks.
1000 - These began to go the same
way at 8 wks. Changed the feed &
added 1% oil. cod liver oil about 10 days
ago. Doing better now.
Cet. Exam - Dumpy, weak.
Postmortem - Catarrhal infl. of duodenum,
middle third of intestine was dilated &
sprinkled with pinpoint white spots &
Diagnosis E. necatrix; E. acervulina
Reported. Date 16-V-47 By SBM
really

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16-V-47 Accession No. 0241
From C. B. Sears ^{REPORT} TO: (George Krohn)
Address Eden, N.Y.
Breed N.H. No. 3 (A) Age 2 wks +
Other Material 100 - losses started 4 days ago + becoming worse. Lost 12 in all so far. A lot more are dumpy. Came from Lester Bailey, Eden, N.Y.
External Exam - Dumpy, one puffed.
Postmortem
Lung abscesses (3)
Necrotic hearts (2)
Swollen, spotted livers (3)
Gizzard necrosis (2)
Lower bowel plaques (2)
Diagnosis Pullorum
Reported. Date 21-V-47 By J. J. Baker

Coral plugs (2)

Cultures PL. HEAR - Bacterium pulchrum

10/10/1911

10/10/1911

Lung & heart in Tz.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16-V-47 Accession No. 0242
From Gowanda State Hospital (Dr. R.W. Fuller)
Address Helmuth, N.Y. 12 Washington Ave.
Breed N. 18 No. 3(A) Age 3 or 4 wks

Other Material 400 N.H. They had about
2,500 - 2400 W.2. which are now
about 10-11 wks old. Lost about 600
of them at about 4 wks of age. Birds
sent to thea diagnosed as conyza.

The N.H. were started 22 day old.
Came ^{from} Syracuse State School Hatchery.
There were 60 dead in one morning. Still
losing 4 or 5 a day. Lost at least 25%
External Exam - Twisted necks;
downy feathers

Diagnosis Newcastle Disease (H.I.)

Reported. Date 30-V-47 By P.P.H.

Blood sample drawn.

Serum sent to Ithaca - Positive HI

RECEIVED

2000

2100

2100

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-V-47 Accession No. 0243
From Norman Z. Williams
Address Center St., East Aurora, N.Y.
Breed Bronze No. 2 (D) Age 7 wks
Other Material Suspected Blackhead.

Postmortem

Blackhead liver & caseous plugs
& ulcers in ceca in one.

Blood-filled, ulcerated ceca,
on m. rectum in the other.

Diagnosis Blackhead

Reported. Date 17-V-47 By W. H. M.
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-V-47 Accession No. 0244
From Norman R. Williams
Address East Aurora N.Y.
Breed N. H. No. 1 (A) Age 3 wks
Other Material Observed gasping after moving.
E & T. Exam - No tracheal nodes.
Postmortem

Tumor across dorsal side of
trachea, apparently imbedded in tracheal
wall, about $\frac{1}{3}$ the way down the
trachea.

Section sent to Ithaca

Diagnosis Tumor

Reported. Date _____ By _____

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 17-V-41 Accession No. 0245
From Mrs. Stella Geitner
Address Attica, N.Y.
Breed W. Holland No. 3(D) Age 12 days
Other Material 125 - lot 20

Postmortem - Somewhat decomposed -

One unabsorbed yolk.

Swollen liver (1).

Lung abscesses (1)

One suspicious heart

Cult. livers S. S. AGAR - Bacterium
colonies → SUGARS - paratyphoid
Lung, heart in TT → PL & S S AGAR -
Bacterium colonies

Diagnosis

Reported. Date By

prelim report - paratyphoid -

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-V-47 Accession No. 0246
From S. C. Pemberton
Address Smith Wales, Olean Rd., N.Y.
Breed W. 2. No. 6 (1A) Age 4 days
Other Material 35 - lost 12. From
2 trays Holmwood.

Exam. The one live bird was
very dumpy & weak and had a hard
knot at navel. Dead birds the
same way & scabby; some pasted.

Postmortem

Unhealed navels, cheesy
over in a couple.

Watery incriminated absorbed
yolks.

Diagnosis Navel infection
Reported. Date 20-V-47 By SBM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-V-47 Accession No. 0247
From A. J. Schrieber, Jr.
Address 146 N. Buffalo Rd., Oakland Park, N.Y.
Breed W. H. No. 3 (A) Age 6 wks
Other Material 2500 in place. Pen of 300
affected for about 4 days. Dumpy,
off feed. Lost only one so far.
Ect. Exam - Dumpy
Postmortem
mild catarrhal enteritis.

M.E. mixed int. cocc

Diagnosis Int. coccidiosis

Reported. Date 17-V-47 By JTBm

nelly

V

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 19-V-47 Accession No. 0248
From B. Z. Tomlinson (J. T. Ueder)
Address Marilla, N.Y.
Breed R. D. R. No. 2 (A) Age 12 wks
Other Material 60 = Flock started getting
dumpy just lately. Some leg trouble
Exp. Exam - One bird a duntender
(only 1 in flock and no history of resp.
symptoms). Other bird on side -
paralyzed.

Postmortem

#1 Neurolymphomatosis - vagi,
both brachials, right sciatic.

M.E. - E. acervulina

#2 - Negative

Diagnosis Neurolymphomatosis, E. acervulina

Reported. Date 19-V-47 By JGBM

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 19-V-47 Accession No. 0249
From Haberer Bros.
Address Springville, N.Y.
Breed W. L. No. 4 (A) Age adult
Other Material 225 - lost 50 since last
November, 20 in last 4 wks. Set
light.

Postmortem

Swollen, necrotic livers (3).
Necrotic hearts (2).
Lower bowel plaques (2).
Lung abscesses (1)
Neurolymphomatosis - vage,
left sciatic (1)
White streaks on mucosa

Diagnosis Pullorum, Neurolymphomatosis, E.

Reported. Date 21-V-47 By GPB

maxima, E. acervulina.

of duodenal loops (1).

White spots (rel. large) visible from
serosal surface of small intestine. (2)

H.E. - E. acervulina, E. maxima.

Cult in }
PL AGAR } "Bacterium"
BLOOD AGAR }

colonies → LACTOSE → Sugars - B. pullorum

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 19-V-47 Accession No. 0250
From Arthur Zeitz (L. A. Dickerson)
Address Wilson, N.J.
Breed Bronze & Bronze Red No. 3 (D) Age 3 wks
Other Material _____

Postmortem

Swollen, spotted liver (1).
Swollen liver (1).
Unabsorbed yolk (1).

Cult. Y. liver S.S. AGAR - "Bacterium"
colonies → LACTOSE → SUGARS - Bacterium
gallinarum

Diagnosis Fowl typhoid
Reported. Date 23-V-47 By JHDM

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 20-V-47 Accession No. 0251
From Ben White
Address Portland, N.Y.
Breed W. Holland No. 5(20) Age 2 wks
Other Material 300 Bronze & 100 W.H. were
got ~~2~~ 4 weeks ago from Shelley
Turkey Farm & Hatchery, Route 3, New
Carlesle, Ohio. Bronze did all right
but lost over half of the W.H. Two
week ago got 600 more W.H. Has
lost 75 since they started dying at
2 days of age.
Ect. Exam. - Live birds dummy.
Postmortem
Lung abscesses (4)
Diagnosis Pullorum
Reported. Date 24-V-47 By SB
c/hatchery ✓

Sudden, spotted livers (4)
Lower bowel plaques (2)

Cult livers PLAGAR - "Bacterium" colonies
S.SAGAR - " " "

↓
SUGARS-

Bacterium
pullorum

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 20 - V - 47 Accession No. 0252
From Gertrude Burdick
Address Route 1, Friendship, N.Y.
Breed W. Holland No. 3 (A) Age 3 wks

Other Material

External Exam - Dumpy, down on
back, depressed, don't want to walk.
Postmortem

All bones rubbing.

Ribs beaded and distorted.

Leg bones bend without breaking;
some break but with no snap.

Intest. - Line of cartilage
several times wider than normal.

Diagnosis

Peritonitis

Reported.

Date

20 - V - 47

By

JSB

phone

letter 7 - VI - 47 JSB

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21 - V - 47 Accession No. 0253
From Walter Hallbauer
Address Java Village, N.Y.
Breed W 2 No. 2 (A) Age 2 1/2 months
Other Material 1200 - leg weakness & dumpy
for 10 days. Only lost 1 or 2, several
others will die.
Exam. - Both lame & light.
Postmortem
Cockerel
Purulent arthritis - hock &
hip joints. Cult. PL. AGAR -
Staphylococcus; Staph aureus, too.
Pullet
Swollen liver, mottled with
Diagnosis Staphylococcus arthritis
Reported. Date 22 - V - 47 By JSBm

greenish areas. Cult. PL. ACAR -
Staphylococci.

United States Department of Agriculture

APPROPRIATION

8280

and interest

THE STATE OF CALIFORNIA

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Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21-V-47 Accession No. 0254
From Donald Stumbo
Address Twining R.D., N.Y.
Breed N.H. No. 14 (60) Age 2 wks +
Other Material 500 - started dying from
the start. Lost 80 to date. Freezing
and gasping noticed quite prominently
for 3 days.
Ex feces - 2 wks but - dumping, gasping
and some sneezing.
Postmortem
Swollen, spotted livers (11), 3 of
them mottled with green.
Lung abscesses (10)
Necrotic hearts (9)
Diagnosis Pneumonia
Reported. Date 22-V-47 By SDM

gizzard necrosis (6)
Lower bowel plaques (9)

Cult. liver PL-ABAR }
 - S.S. AGAR } Bacterium pullorum
 ABCC

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 22-V-47 Accession No. 0255

From Norman L. Williams

Address East Amherst, N.Y.

Breed Bronze No. 7 (D) Age 8 wks

Other Material

Post-mortem

Neutrotic, ulcerated ceca, filled
with blood stained caseous plugs.
Blackhead livers (6)

Diagnosis Blackhead

Reported. Date 22-V-47 By SEB
orally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21-V-47 Accession No. 0256
From Russell Basom (Newhamer Chick Hatchery)
Address R.F.D., Corfu, N.Y. Taitaville, N.Y.
Breed W. R. No. 20 (16D) Age 7 wks
Other Material 1,000 - are outside; ground
is wet & muddy. Mortality for
a week, getting heavier.
Pertuberculosis
Caseous plugs, some blood, &
ulcers in ceca.
Blackhead livers.
NE - neg. for coccidiosis.

Diagnosis Blackhead
Reported. Date 22-V-47 By 9042M

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date May 22, 1947 Accession No. 0257
From Henry J. Kreher
Address Casey Road, East Amherst, N. Y.
Breed S. C. W. L. No. 4(3d) Age adult

Other Material Miscellaneous mortality

WB 3620 - internal layers, peritonitis due
to cannibalism of the vaginal orifice
of the oviduct.

WB 978 (j'45) - visceral lymphomatosis,
liver, spleen, kidneys

WB 12827 - peritonitis

WB 1347 (mole) 1 cecum had ruptured and healed
spleen extremely swollen.

Diagnosis Internal layers, cannibalism, visceral

Reported. Date 24-V-47 By S. B. M.
lymphomatosis, ruptured cecum,

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date May 22, 1947 Accession No. 0258
From Edward F. Kirsch Strykersville 3682
Address Strykersville, New York
Breed W.L. No. 2 (H) Age 3 1/2 weeks
Other Material 200 chicks 130 hens Respiratory
symptoms in hens 10 days ago. Egg production
dropped to zero in four days. Chicks wheezing
and gasping for 4 days. Lost four this morning
(5/22/47) Suspected Newcastle.
Chicks died before could get blood sample
Draw blood sample early in
December - Positive K-12
Total mortality was only around 30.

Diagnosis Newcastle Disease
Reported. Date 17-XII-47 By JHJ

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 22 V 1947 Accession No. 0259
From Myrl Thompson
Address Alden, New York
Breed Rock Red and N. H. No. 4 (A) Age 16 weeks
Other Material 500 raised to 7 wks. in battery
and put down on floor. Dumpy for
several weeks.

Post mortem - light & dumpy.

Purplish white spots &
hemorrhages visible from
serosal surface of intestine.

Transverse white streaks on
m.m. especially in duodenum.

M.F. E. necatrix, E. acervulina

Diagnosis E. necatrix, E. acervulina

Reported. Date 22 - V - 47 By JSB
orally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 22 V 47 Accession No. 0260

From H. W. Shepard

Address North Evans, New York

Breed WR-W. Wy. Game No. 2 (A) Age 5 wks

Other Material 1,000 - lost practically none.

About a dozen are showing stargazing,
circling. No history of respiratory
symptoms or mortality.

Exam - One bird holds
head tipped to one side; other
twists neck a little. Owner says
these are most severely affected in
flock.

Postmortem - A few white,
transverse streaks on m.m.

Diagnosis E. acervulina

Reported. Date 22-V-47 By JSBm
orally

of ~~duodenum~~ middle third of
intestine.

M.E. Σ . acervulina

21-1-1911

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 22 V 47 Accession No. 0261
From Fred C. Zublow
Address 65 Norman St., Buffalo 10, N.Y.
Breed White King No. 1 (A) Age 9-10 weeks
Other Material Breathing hard, wheezing, occasionally a bird sneezes. It starts with caseous, yellow material in mouth. Some of the recovered birds are left with hard breathing.

Diagnosis Peritonitis

Reported. Date _____ By _____

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23 - IV - 47 Accession No. 0262
From Morton Pitt
Address Canadara, N.Y.
Breed W. 2. No. 3 (1D) Age 7-8 wks
Other Material 300 - just noticed a few
dumpy yesterday. Have been on
range for 2 1/2 wks.
Postmortem
One severe blackhead liver.
Caseous plugs & ulcers in oca (1)

Diagnosis Blackhead
Reported. Date 23 - IV - 47 By STDM
orally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2-3-V-47 Accession No. 0263
From George P. Becker
Address Johansburg, New York
Breed Barnard Cross and White Rock No. 3-dead Age 3 1/2 - 4 weeks
Other Material 356 - Lost 10 or 12 to 2 weeks ago,
lost bone day and about 4 since. Some
bloody droppings noted; Postmortem -
ceca hemorrhagic and filled with blood.
Duodenum in one bird dilated &
thickened.
M.F. - E. tenella, E. acervulina

Diagnosis E. tenella, E. acervulina
Reported. Date 2-3-V-47 By JSB
ally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16 - V - 47 Accession No. 0264

From B. J. Koch

Address Walden, N.Y.

Breed Cornish No. 3(A) Age 4 weeks

Other Material See # 204

Blood sample drawn — Positive
H.I.

Chicks brought in were all dumbfending
& staring, backing up.

Diagnosis Newcastle Disease (H.I.)

Reported. Date 29 - V - 47 By R.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 20 - VII - 47 Accession No. 0265

From Allen O. Will, Will Poultry Co.

Address 1223 William St., Buffalo, N.Y.

Breed N. H. & Bunge No. Age

Other Material See # 238.

Blood sample from broilers - Positive
HI.

Diagnosis Newcastle Disease (HI.)

Reported. Date 1 - VII - 47 By W. H. M.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21 - IV - 47 Accession No. 0266

From B. Leahy

Address Rogers Rd., Hamburg, N.Y.

Breed _____ No. 2 Age _____

Other Material Newcastle case

Blood sample from birds - Serum
positive H.I.

Blood sample from turkeys - Serum
positive H.I.

Diagnosis (Newcastle Disease (H.I.))

Reported. Date 31 - VI - 47 By SSM
phone

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23-V-47 Accession No. 0267
From Phillip J. Rice (Ward Miller)
Address Oran, N.Y. - Newstead Rd.
Breed Barn Goss J No. 1 (A) Age 3 wks
Other Material 300 - Inactive, lost few
days. Occasionally a bird gaps.

Esterase - Negative

Proteolysin - Negative

Diagnosis

Negative

Reported.

Date 23-V-47

By

SDM

only to Miller

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23-V-47 Accession No. 0268
From Clayton Pittman (Norman C. Kidder)
Address RFD, Albion N.Y.
Breed Rock-Red Cornish No. 2(A) Age 3 months
Other Material

External Exam - Legs weak; birds
lumpy & light.

Postmortem

Peritoneum white spots &
hemorrhages from serosal surface
of practically all of the small
intestine.

M.E. E. necatrix

Diagnosis E. necatrix
Reported. Date 24-V-47 By BDM

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 24-V-47 Accession No. 0269
From Mrs. Ralph Brundage
Address Oakfield, N.Y.
Breed W. H. No. 2(D) Age 11 days
Other Material 180 - lost 34 since 3 days
old. lost 6 night before lost & 6 yesterday
Pullets from Empire Hatchery, Columbus
Grove, Ohio.

Postmortem

Swollen, spotted liver (1)

Abscessed lung (1)

Unhealed navel (1). Navel

of other chick was suspicious and
yolk was incompletely absorbed & watery.

Cult liver PL MCAP - Bacterium pullorum

Diagnosis Pullorum

Reported. Date 27-V-47 By JSB

Department of Pathology and Bacteriology
POULTRY DISEASES

4036

Date 24-V-47 Accession No. 0270
From Hirsch (Herbert E. Johnson)
Address Webster, N.Y. 528 Mt. Hope Ave.
Rochester 7, N.Y.
Breed W.L. No. 2 (D) Age 11 wks

Other Material

Postmortem

Pinpoint white spots &
hemorrhages visible from
serosal surface of the intestines.

ME - E. necatrix

Diagnosis E. necatrix

Reported. Date 24-V-47 By GSB

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 24-V-47 Accession No. 0271
From Neuhaus Chick Hatchery
Address 341 W. Main St., Balaia, N.Y.
Breed N. H. No. 3(A) Age 4 wks

Other Material

External Exam - inactive, dumpy,
rough feathered.
Postmortem

Weak bones
Thin testis - very wide.
Ribs beaded & distorted
Right sprinkling of pinpoint
white spots & hemorrhages from
serosal surface of intestine (1)
M.F. E. Necrotic

Diagnosis

Rickets / E. necrotic

Reported.

Date 24-V-47

By

G. B. M.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26-V-47 Accession No. 0272

From Dr. Z. N. Gilmore

Address Liberia Rd., East Aurora, N.Y.

Breed V.I.H. No. 8(10) Age 6 wks

Other Material From 3 pens. One on floor.

Pen 4 (2 birds) - Bloody plugs and fresh
fluid blood in ceca. ME. *E. tenella*.

Pen 5 (5 birds) - Ditto.

Pen 6 (1 bird) - Ditto.

Diagnosis *E. tenella*

Reported. Date 26-V-47 By SSM

rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - V - 47 Accession No. 0273
From Elmhurst Farms 1107 W
Address East Aurora, N.Y.
Breed W. H. No. 2 (D) Age 6 days
Other Material 600 from Russell Ryon, Calceum,
N.Y. First losses on Saturday. Losses
to date total 8. Wayne feed.
Botulism
Unhealed navels.
Unabsorbed watery yolks.
Shanks & tibias bend double without
squeezing.
Cult & tissues PL AGAR } negative
S.S. AGAR }
Swab bowl in T.t. → SS AGAR -
Diagnosis Navel infection
Reported. Date 7 - VI - 47 By STOM
phone

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - V - 47 Accession No. 0274
From G. B. Castellina 485
Address Mill St. & Beech Rd., East Aurora, N.Y.
Breed Rock Red Cross No. 1 (D) Age 1 yr.
Other Material 150 year olds on place. Have
been laying 8 - 10 day a day. Pen
of R. I. R. is 0. K. Lost 11 out of
pen of 80 crosses between 10:00 AM
and 6:30 P.M. yesterday.
Postmortem
Liver appears a little enlarged.

Cult. liver { BLOOD AGAR
S.S. AGAR
PL. AGAR } Negative

Diagnosis Negative

Reported. Date 27 - V - 47 By J. D. M.
Phon

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26-V-47 cc/ Accession No cc/0275
From (Wahlgren Seed Store) (J. W. Carr)
40 S. main St. Wifungsville, Pa.
Address Jonestown, N.Y.
Breed W.R. No. 5 (A) Age 6 wks

Other Material 300 - Did not get the picture on
symptoms. Took 60 out of the 300. Just
these 5 are left showing nervous
symptoms

Ext Exam - all are either star
gazers or downbenders; some back
up.

Blood samples drawn. Serum sent
to Ithaca - Positive H I

Diagnosis Newcastle Disease (H.I.)

Reported. Date 18-VI-47 By R.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26-V-47 Accession No. 0276

From M. M. Taylor

Address Irving, N.Y.

Breed W. H. No. 4(D) Age 4 wks

Other Material Lost 4 out of pen of 225 last night. Suspects coccidiosis.

Postmortem

Necrotic enteritis (1)

Catarhal " (3)

M.E. - Mixed intestinal coccidiosis

Diagnosis Mixed intestinal coccidiosis

Reported. Date 26-V-47 By SPD
rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - V - 47 Accession No. 0277
From Walter Dwyer
Address Wachusett, N.Y.
Breed White Egg Holland No. 10(3D) Age 10 days
Other Material 500 from Ruckers Imperial
Breeding Farm, Ottumwa, Iowa.
Also got 41 White Giants. Hollands
came 9 or 10 days ago. Giants came 6 days
ago. 122 of the Hollands were dead on
arrival. A Dwyer died the first day.
No "colds" right at the start noted
by owner. Does not seem aware of the
current prominence of respiratory symptoms.
Cat. Exam - Sneezing, gasping,
tracheal rales.
Diagnosis Newcastle Disease (virus isolation)
Reported. Date 18 - VI - 47 By P.P.L.

Postmortem

Cloudy air sacs .
Some swollen spleens .

Removed lungs, spleens, & brains - Positive on
virus isolation .

Chick inoc test

Negative at 24 hrs

Tracheal swabs at 48 hrs.

Neg. for gross lesions at 72 hrs.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26-V-47 Accession No. 0278
From Vincent Dutler
Address Smith Dayton, NY.
Breed Red Rock Cross No. 4(1D) Age 11 wks
Other Material 500 - Some birds noticed droopy
yesterday. Some bloody droppings.
E. exam.
Very light; dumping.
Palms.
Intestines extremely dilated,
filled with blood and necrotic
plugs; heavily covered with
white spots & hemorrhages.
ME. - E. necatrix
Diagnosis E. necatrix
Reported. Date 26-V-47 By GTB
orally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - V - 47 Accession No. 0279
From Louise Blocker (J. G. Dorsch)
Address East Amherst, N.Y. Janison Mills
East Amherst, N.Y.
Breed Golden N. Hamburgs No. 2 (A) Age 4 wks
Other Material 400 - lost one Saturday,
3 sick today.
Eos. Exam. joints sore Don't
like to be dropped down on feet.
inactive.
~~Peritonitis~~
Rickets - bones soft; ribs
rubbing, distorted and beaded;
injected strongly positive.
Transverse white streaks on
m.m. of duodenum & just below duodenum.
Diagnosis Rickets, E. acervulina
Reported. Date 26 - V - 47 By GBM
orally to Dorsch

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - V - 47 Accession No. 0280
From Edward Beckerink (Dr. L. S. Compton)
Address Clymer N.Y. ⁴⁰² Clymer N.Y.
Breed W. L. No. 9 (3D) Age 9 1/2 weeks
Other Material 1/00 - a little bloody coccidiosis
2 or 3 weeks ago. Treated with 1% sulfaguanidine
Friday they were noticed meeping &
coughing. On range. Six dead Saturday.
Three more died yesterday. Act a
little better this morning. A lot will
sit on flocks. One bird showed waving
of head.
Act. Exam - Gaping, coughing,
meeping, rasping. Inactive.
Diagnosis Suspected Laryngotracheitis ^{Probably} infectious bronchitis
Reported. Date 26 - V - 47 By JSB

rally

phone Dr. Compton Aug 7, 1947 - Beckerink had very little
further loss - one or two a week. No blood found in tracheas.

Postmortem

Lungs of several showed hemorrhage and/or edema.

Blood in bronchi in three.

Pronounced catarrhal ~~bacteria~~ in three.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

0281

Date 26-V-47 Accession No. _____

From Edmond Beckerink

Address Clymer, N.Y.

Breed Barnard Cross W. 2. No. 2 (1D) Age adult

Other Material Misc. mort.

#1 - Visceral lymphomatosis - liver,
spleen, kidneys.

#2 - Negative

Diagnosis Visceral lymphomatosis

Reported. Date 26-V-47 By JSB

orally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - V - 47 Accession No. 0282
From Carl Meininghaus
Address 6060 Broadway, Lancaster, Pa.
Breed W. L No. 2 (s) Age 16 wks
Other Material See #199

Ect. Exam

light, thin, dopey.

Postmortem

Duodenum & middle 1/3 of
intestine heavily covered with
transverse white streaks on m. m.
and dilated.

M.F. E. acervulina

Diagnosis E. acervulina

Reported. Date 26 - V - 47 By SSM
orally

V

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 27-V-47 Accession No. 0283
From Hermann Green
Address 1419 East and West Rd., Ebenezer, N.Y.
Breed W. Wyandottes No. 15 (12) Age 2 wks
Other Material 400 - lost / up to 10 days. In
last 4 days has lost about 18.

Postmortem

Unhealed, infected navels (5)

Pullorum heart (1)

Swollen, spotted livers (2)

Lung abscesses (4)

Unabsorbed, watery yolks (3)

" head " (4)

Cult livers PL. AGAR } Bacterium pullorum
S.S. AGAR }

Diagnosis Pullorum

Reported. Date 27-V-47 By RTM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 27-V-47 Accession No. 0284
From Hermann Green
Address See #283
Breed W. 2. No. 5 (10) Age 2 months
Other Material In batteries. Out of group of
200.
Postmortem: Weak (3); rubbery (2) bones (3);
live test, positive - (3).
Distorted, beaded, ribs (2)

Diagnosis Rickets
Reported. Date 27-V-47 By GBM
rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4036

Date 27-V-47 Accession No. 0285
From Hermann Green
Address See # 283
Breed W. Wyandottes No. 6 (A) Age 4 months
Other Material two in batteries; rest on the floor

Battery birds - Weak bones in one.
Floor birds

Ex 8 Exam - Weak & thin.
Postmortem

Intestines dilated and
sprinkled with pinpoint white
spots & hemorrhages especially
in middle portion.

M.F. - E. necatrix

Diagnosis E. necatrix

Reported. Date 27-V-47 By JSB
only

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 27-V-47 Accession No. 0286
From Elyabeth Weber
Address R.D. 1, Friendship, N.Y.
Breed W-H. No. 2 (A) Age 4 wks

Other Material

Egg Exam

Dumpy, rough feathered, down
on hocks.

Postmortem

#1 Rubbery skull; distorted,
beaded ribs; weak leg bones;
lime test positive.

#2 Ribs weak & somewhat
distorted; leg bones weak; lime test
positive.

Diagnosis Rickets

Reported. Date 27-V-47 By SDM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 27-V-47 Accession No. 0287

From Mrs. Raymond Wanamaker

Address South Wales, N.Y.

Breed _____ No. _____ Age _____

Other Material Viscera from adult bird

Carcinoma (1" x 1" x 2") surrounding
base of ceca and in part of the
mesentery.

Diagnosis Carcinoma

Reported. Date 27-V-47 By SPBm

rally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 27-V-47 Accession No. 0288
From Emery Thompson
Address Hen Rd., Clarence Center, N.Y.
Breed W.R. No. 2(A) Age 3 months
Other Material 1 batch of man thought they had
coccidiosis 3 weeks ago and they
were given sulfaquinoxaline - 2 three
day treatments. Sulfur treatment
given on Sunday.
Edema - lungs & dumping
Pneumonia
Intestines thickened, dilated,
and spotted with a few rel. large
white spots and a few transverse
white streaks.
Diagnosis E. maxima, E. acervulina
Reported. Date 27-V-47 By SPM
rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 27-D-47 Accession No. 0289
From John Aiken
Address R.D. 2, Jamestown, N.Y.
Breed B. R. No. 2 (A) Age 9 weeks

Other Material 100 - lost about 40 - 50 in
last 4 or 5 days. No diarrhea or
bloody droppings observed.

Ext Exam - Weak and thin
Palmarium

Pigment white spots &
hemorrhages visible from visceral
surface of intestines. One
noted in middle.

M.E. E. necating

Diagnosis E. necating

Reported. Date 27-D-47 By JSK

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 28 - V - 1917 Accession No. 0290
From Ed. Osgood
Address East Aurora, Olean Rd., N.Y.
Breed W. 2. No. 1 (D) Age 11 weeks
Other Material 900 - lost 10-12 in last 10 days. Dumping and diarrhetic.

Postmortem

Catarhal enteritis throughout intestine. About 8" of the middle portion was dilated and covered with a necrotic material. White patches in mucous membrane of this area too.

M.E. E. maxima

Diagnosis E. maxima

Reported. Date 28 - V - 1917 By J.B.M.

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 28 - V - 47 Accession No. 0291
From Derrnbacher & Nichols (Dr. R. R. Basom)
Address Rochester 10, N.Y. 435 E. Henrietta Road
Breed W. L. No. 6 (D) Age 11 wks Rochester, N.Y.

Other Material

Postmortem

Livers swollen and mottled with
a few ecchymotic hemorrhages (5)
and sprinkled with yellow spots
of necrosis up to 6 mm. in diameter
(4).

Ulcers, caseous plugs, and a
little hemorrhage in the ceca (5)
ulcers in the intestines (3)

N.E. Neg. for coccidiosis -

Diagnosis

Blackhead

Reported.

Date

28 - V - 47

By

GFBM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 28 - V - 47 Accession No. 0292
From Harlow Higgs
Address Sinclairville, N.Y.
Breed W. 2 No. 57(A) Age 10 days
Other Material 2,000 - got them on Friday
the 16th, respiratory symptoms first
noticed on Tuesday the 20th.
On Thursday, respiratory symptoms
started in the hens. Egg production
started down on Sunday. Today (Wednesday)
it will be about $\frac{1}{2}$ that it was.
Has lost or killed about 400 of
the chicks. From Standard Poultry,
Terre Haute, Indiana
Ex. Exam wheezing, sneezing.
Diagnosis (Newcastle Disease (virus isolation))
Reported. Date 18 - VI - 47 By P. P. L.

✓

Lungs, spleen, & brain removed - Positive on
virus isolation

Chick Inoc. Test

neg - 24 hrs.

neg - 36 "

neg. for gross lesions at 72 hrs.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-V-47 Accession No. 0293

From Goergen Grocery, Mrs. Catherine Scholten
PHONE: 314W13
Address Orchard Park, N.J. (Mrs. Skummer)

Breed N.H. No. 4 (A) Age 2 wks & 7 weeks

Other Material 200 from Ruckus Imperial Hatchery
abt. 7 week ago. Seemed chilled when they arrived.
One dead in boxes. Mortality right from the
start and there is still mortality. Only
about 50 left. 200 - 300 received
2 weeks ago (Henry Kiker, East Amherst). Mortality
started last Friday ^{23rd} or Saturday ^{24th}. No
history of respiratory symptoms, or questioning in
either flock. A phone call to Mrs. Scholten
revealed, however, that both groups
did sneeze & gasp. No nervous

Diagnosis Newcastle Disease (HI)

Reported. Date 18-VI-47 By P.P.L.

✓

symptoms

Chick inoc test

Negative at 24 hrs.

Tracheal inoc at 48 hrs.

Negative for gross lesion at 72 hrs.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29 - V 47 Accession No. 0294

From James C. Hess

Address Strykenville, N.Y.

Breed B. R. No. 1(A) Age 4 wks

Other Material 200 from Sears Roebuck,

Buffalo. Only lost 1. One brought
in is a runt and is the only
bird affected.

Postmortem

Spotted liver.

Yolk not quite completely
absorbed; yolk stalk thickened.

Navel, thick, scarred and
pigmented.

Cult. liver PL. AGAR - Negative

Diagnosis Negative

Reported. Date 5 - V - 47 By SDM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29 - V - 47 Accession No. 0295
From J. P. Rhodes
Address Clarence Center, N.Y.
Breed Beltville Whites No. 2 (A) Age 4 1/2 wks
Other Material 4 wks 2 days old. 500. This has
appeared in other years and before medi-
cation. Eight joints with ascites have
been observed thus far. The first were
noted at about 3 1/2 wks (2 birds)
The next day the flock was put on
1/2 % sulfaguanidine for 2 days.
Ducklings have been observed with this
condition, too, on the place. The
water is well water that is a "saturated
solution of gypsum"
Diagnosis ascites
Reported. Date _____ By _____

✓

External Exam - Puffy abdomen, hard
breathing, one gasping.

Postmortem

Ascites

Pale kidneys.

Livers a little hard.

Saved kidney & liver tissue for
sectioning

295 - 1 - liver

295 - 2 - liver

295 - 3 - kidney

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-V-47 Accession No. 0296
From H. S. Kellogg
Address West Falls, N.Y. 592 F 2
Breed Rock Reds No. 2 (A) Age 3 weeks
Other Material 700 from Pennsylvania State
Hatching, Lewisburg, Pa. Has lost
60 since receipt. Mortality has been
gradual. No respiratory symptoms.
Postmortem
Swollen, spotted livers (2)
Lung abscesses (1)
Lower bowel plaques (2)
Cult livers PL AGAR - a couple dozen
" pullorum colonies → LACTOSE → SUGARS
lower bowels in TT → S. SAGAR } B. pullorum
Diagnosis Pullorum
Reported. Date 5-VI-47 By ASB

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-IV-47 Accession No. 0297
From Mc Gee (L. A. Putnam)
Address _____
Breed N. H. No. 45 (D) Age 10 days
Other Material 200 - Heavy mortality about
7th day. Started losing some at
the start. Lost 93 so far. From
Hubbard

Postmortem
Thickened, scabby infected navels
in about half:
Unabsorbed, watery yolks in
over half.
Cult. lev. (6) on S. S. AGAR - ~~Negative~~
Diagnosis Navel infection
Reported. Date 9-V-47 By EDM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-V-47 Accession No. 0298
From Hawks (L. A. Putnam)
Address _____
Breed N. H. No. 5 (1D) Age 10 days - 2 wks
Other Material 200-300 - lots 50-60 - from
Thiel Bros. Hatching, Barker, N.Y.

External Exam. - Gasping, sneezing,
two wind-puffed.

Postmortem

Vivid mucous in air sacs.

Chick Inoculation Test - Negative

Brauns, spleen, & lungs sent to
Lthaca - Positive on virus isolation.

Diagnosis Newcastle Disease (virus isolation)
Reported. Date 5-VI-47 By R.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-V-47

Accession No. 0299

From

(L. A. Putnam)

Address

Breed

Banded Crosses

No.

2(D)

Age

5 days - 1 wk.

Other Material

500 from Sears Roebuck,
Rockport. 200 200; losses from
the start.

Exam - Decomposed.

Postmortem

Lungs appear consolidated.

Liver swollen (1)

ascites (1).

Cult. Liver S. S. AGAR - B. pullorum

Diagnosis

Pullorum

Reported. Date

7-V-47

By

gdm

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-V-47 Accession No. 0300
From Gorge F. Schmitt
Address East Creek Rd, ^{Wales Hollow} South Wales, N.Y.
Breed W. R. No. 2 (D) Age 7 wks

Other Material 100 - Raised up to Hawks in
a battery, then put on floor. Lost
20 out of the group of 50.

Ext Exam - thin.

Postmortem

intestines dilated & sprinkled
with purplish wh. spots &
hemorrhages, mainly in middle
third.

U. E. - E. necatrix

Diagnosis E. necatrix

Reported. Date 29-V-47 By JBW
only

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 31 - V - 47 Accession No. 0301
From (Lloyd Blankenship) H. Hansen
Address Box 98, Hamburg / RD. 1 East Amherst N.Y.
Breed W. L. O No. 4 (ID) Age 6 wks.
Other Material 400 4 wk old pullets from Rice
Ughon Farm 2 weeks ago. Lost 50
to date. Respiratory symptoms for
for 5 days. 75 gasping. Only one
sneezed heard. No nervous symptoms.
Ext. Exam - Wheezing
Postmortem - Negative
Chick inoculation test
Suspicious for tracheal roles at 24 hrs.
Definite " " " 36 "
Negative for gross lesions at 72 hrs
Diagnosis Newcastle Disease (virus isolated)
Reported. Date 18 - VI - 47 By P. P. L.

Calin letter - 5 - V - 47 2Bm
H. blankenship

Phone call from Mrs. Stances rec'd
development of 25% nervous system
in the 200 survivors.

Brain, spleen, & brain to Ethos -
Positive virus isolation

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 31-V-47 Accession No. 0302
From F. M. Mitchell
Address Boston, W. Y.
Breed W. 2. No. 4(A) Age 2 1/2 wks
Other Material 400 from John Holzer, R.D. 4,
Troy, N.Y. Didn't look good from
start. Doses from start. Lost
abt. 50. Grappling. Nervous symptoms
na few - chattering, head-twisting.
Editham. Coarse head tumor (1),
head twisting (1) -> backed up once; tracheal
rales, gasping.
Postmortem
One bird showed a good cloudy
air sacs.
Diagnosis Newcastle Disease (virus isolation)
Reported. Date 18-VI-47 By P.P.L.

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2 - VI - 47 Accession No. 0303
From Douglas Blakely
Address Springville, N.Y.
Breed W. 2 No. 2 (A) Age 11 weeks
Other Material Started a week ago in 2 week
old broilers in batteries. Sneezing &
rattling, no mortality. No nervous
symptoms. Spread into 1,000 of
the 11 week old birds (pedigree). It
is just starting now in one pedigree
pen of 25 birds - sneezing & rattling.
Production has not yet dropped
Ext. Exam - Sneezing, rattling, tracheal
rales.
P.M. Catarrhal tracheitis (1).

Diagnosis

Reported. Date..... By.....

✓

Chick inoculation test

Wherry (no settling) sound in trachea at
24 hrs.

Neg. at 36 hrs.

Department of Pathology and Bacteriology
POULTRY DISEASES

4036

Date 2 - VI - 47 Accession No. 0304
From T. D. Norberg
Address R. P. 3, Jamestown, N.Y.
Breed N.H. No. 4 (A) Age 7 weeks

Other Material On range for 3 weeks. Saw
some bloody droppings just before going
on range. Most of flock looks good.
E. Tenella
Postmortem

Ceca thickened, and contain
dark and/or caseous plugs.

M.E. E. Tenella

Diagnosis E. Tenella

Reported. Date 2 - VI - 47 By gsm
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2 - VI - 47 Accession No. 0305
From Gerald McCarthy
Address South Davis Rd., East Aurora N.Y.
Breed W. 2 No. 4(A) Age 4 weeks
Other Material 150 from Henry Kreher

E. & E. - Bumpy!

Post mortem

Duodenum inflamed and coated
with an almost continuous white
coating.

M.E. Heavy E. acervulina

Diagnosis E. acervulina

Reported. Date 2 - VI - 47 By RSB

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2-VI-47 Accession No. 0306
From Thomas Laplaca Gidle Road
Address East Aurora, N.Y.
Breed W. 2. No. 2(A) Age 2½ weeks
Other Material 175 from Smith's Ransom
Farm, Route 1, Mayaville, Ohio.
Lost 50 during past week. O.K.
until then. Sneezing. Mortality has
been on the increase.
Ex. Exam. - Sneezing, tracheal rales.
Postmortem
Catarrhal tracheitis (2)
Chick inc. test
Whispering and intermittent clicking in
trachea at 24 hrs.
Diagnosis Infectious bronchitis
Reported. Date 18-VI-47 By P.P. L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2 - VI - 47 Accession No. 0307
From William Lang
Address Evereges, N.Y.
Breed R.I.R. x N.H. No. 2 (A) Age 3 weeks
Other Material 150 from Starn's Feed Stores
on Seneca St - 1 fall chicks. Lost
10. First noticed body tumor in one
chick. Since then leg weakness, head
tumor, & twisting of the neck have
developed. Colder in a few for
a week. Only 2 are remaining now.
Examined - 1 head tumor in one,
paralyzed leg in the other.

Diagnosis Epidemic tumors
Reported. Date 2 - VI - 47 By JSB:m
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3-VT-47 Accession No. 0308

From David Nesbitt

Address Albion, N.Y.

Breed W. R. No. 4(A) Age 6 wks

Other Material 1200 - "Dumplings" for about
5 days. A few heard rattling &
coughing at night.

2 E. max - Dumping.

Refrigeration

Intestines heavily sprinkled
with white spots.

M.E. - E. maxima, E. necatrix

Diagnosis E. maxima, E. necatrix

Reported. Date 3-VT-47 By JHBM

only

✓

4026

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4036

Date 5-VI-47 Accession No. 0310

From Fermann Green

Address 1419 East & West Rd., Ebenezer, N.Y.

Breed W-R. No. 2(D) Age 7 wk

Other Material

Proctosplen

Swollen liver (1)

Unabsorbed yolk (2) one hard, one watery

Infected navel (1)

Ring abscesses (1)

Che P. liver S.S. AGAR - B. pullorum
lungis Ht -

Diagnosis Pullorum

Reported. Date 5-VI-47 By SBM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3-VI-47 Accession No. 0311
From Hermann Green
Address See # 310
Breed W.R. Old. 2 No. 9(A) Age 8-9 weeks
Other Material Battery birds. Suspects coccidiosis?
La. Evans most are somewhat
depressed & unthrifty.
Postmortem
Rickets in three - weak
bones; wide lines; rubbery, distended
visc.
Negative for coccidiosis on
postmortem & M.E.

Diagnosis Rickets

Reported. Date 3-VI-47 By ASW
malley ✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VI - 47 Accession No. 0312
From Bernard Gentner
Address North St., Springfield, N.Y.
Breed W-R & N.H. No. 5(A) Age 8 weeks
Other Material 1100 in batteries, 400 6 wks old,
500 1 wk old in same floor duct in
another room. Yesterday morning sneezing
and rattling were first noticed.
Eat Evam - Suckling & rattling.
Postmortem
Catarrhal tracheitis (5)
Chick inoc. test
Slightly wheezy in tracheas at 24 hrs.
Neg. at 36 hrs.

Diagnosis

Reported. Date..... By.....

V

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VI - 47 Accession No. 0313
From R. W. Allen
Address Boston State Rd., 1 Hamburg, N. Y.
Breed N. H. No. 32 (A) Age 1 day
Other Material Brought 4 crates of hatching
eggs. Two crates hatched 90% flocks,
10% in same machine and at same
time. The chicks from the 10% hatch
were brought in. Thinker latter 2 crates were washed
Ext. Exam. - Twisted, spindly legs;
hard scabby navels; weak; some
show a prominent swelling just
back of the head on dorsal surface
of neck.
Postmortem - Infected, unhealed
Diagnosis Navel infection
Reported. Date 9 - VI - 47 By J. B. M.

scabby navels; large, watery unabsorbed
yolks, contents greenish; swollen,
edematous muscle mass on dorsum
of neck posterior to head.

Cultures PLACAR - Negative

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VI - 47 Accession No. 0314
From Alice Swable
Address Bergen, N.Y.
Breed W. H. No. 7 (D) Age 1 wks
Other Material 350 - lost 15+, losses starting
at 2 and 3 days of age. From
Andrew Kohl, Box 53, Mendon Hatchery, Mendon, N.Y.

Postmortem

Lung abscesses (2)
Swollen liver (4)
Lower bowel plaques (7)

Cult liver PL AGAR
SS AGAR } B. pullorum

Diagnosis Pullorum

Reported. Date 5 - VI - 47 By JSB

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VI - 47 Accession No. 0315
From Clyde Ballard c/o (Z. H. Wainman)
Address Springville, N.Y. Gray Milling Co.
Breed W. R. No. 9 (3D) Age 2 & 3 weeks
Other Material Battery broiler plant. 700 a week.
about 3 or 4 week ago he lost some 4 week
olds - probably 20%. This stopped.
The current trouble started a week
ago - respiratory symptoms, mortality.
Has lost 100 out of these 500.
Going to lose at least that many more.
Gets his chicks from Dan Russell, Collins,
N.Y. These 2 & 3 week olds are
in two middle decks of a battery
with 1 week younger chicks above
Diagnosis Negative
Reported. Date 18 - VI - 47 By P. P. L.

them and 1 week older chicks below. Trouble
- mortality only in these 2 & 3 week olds.

External Exam - Two gasping, tracheal
rattles on both.

Chick inoc. test

Negative at 24 hrs.

" " 36 hrs.

Brains, spleen, & lungs to Rhiza - Negative

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VI - 47 Accession No. 0316
From Felix Kaminsky (John Beikland)
Address 825 Eden Rd, Hamburg, N.Y.
Breed W. Z. No. 5 (A) Age 3 wks.
Other Material 400 - unclaimed chicks from
an Iowa hatchery. Owner said it
seemed to start for a cold. Nervous
symptoms have appeared, too -
head twisting, circling, backing up.
There are 2 or 3 mixed old pullets
and layers on the place. No
trouble in them yet. The chicks have
had a caretaker separate from the
older birds -
Ex Exam - Coarse head tumor (c),

Diagnosis

Reported. Date By

dawnbender (1), paralytic (2).

Postmortem

Cloudy air sacs in one.

at 80

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 4-VI-47 Accession No. 0317
From R. E. Hamlet
Address Sheridan, Wyo.
Breed W. Z. No. 4(A) Age 2 months
Other Material 500 - Heavy mortality the last
2 or 3 days.
♂ & ♀ Dumpy, feathers stained
Palmar
Intestines heavily sprinkled
with pinpoint white spots
& hemorrhages, visible from serosal
surface.
M.E. & necrosis

Diagnosis E. necatrix
Reported. Date 4-VI-47 By SSB
rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 4-11-47 Accession No. 0318
From Winfield Sherman cc (R.W. Cramer)
Address Freshburg, N.Y. Federal Tldg.
Breed W-R No. 3 (D) Age 3 weeks
Other Material See Cramer's letter

Postmortem

Cloudy air sacs in (1).
Yellow spotted liver and thickened,
ulcerated ceca with caseous plugs (1).

Removed brains & spleens — Positive on
virus isolation at J. H. H. C.

Diagnosis Blackhead, Newcastle Disease (virus isolation)
Reported. Date ? By P. P. L.

prelim report 5-11-47 SPM
Blackhead R-VI-47 SPM

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 4 - VI - 47 Accession No. 0319
From Rollin J. Northrup
Address Westfield N.Y.
Breed B. OR. No. 6 (ID) Age 16 weeks

Other Material

Ex 8 Exam - Thin, weak

Postmortem

Small white spots visible through
serosal surface of intestine. Dilation
of intestine.

M. E. E. necatrix

Diagnosis E. necatrix

Reported. Date 5 - VII - 47 By SSM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 5-VI-47 Accession No. 0320
From Mrs. E. K. Birby
Address 125 Allen St., Buffalo 1, N.Y.
Breed Bronze No. 2 (D) Age 5 days
Other Material Decomposed

Postmortem

Lung abscesses (2)

Congested liver (1)

Small white spots in ceca &
lower bowel (1).

Cult & liver S. S. AGAP - Bacterium pullorum
Lower bowels & lung abscesses in 1/2 -

Diagnosis Pullorum

Reported. Date 9-VI-47 By JSDM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 5 - VI - 47 Accession No. 0321
From (K. Z. Coombs)
Address Federal Bldg., Jamestown, N.Y.
Breed W.R. No. 2 (A) Age 4 weeks
Other Material Hatched May 8; rec'd May 10.
Respiratory symptoms & mortality started.
week of May 18. These are "4 H" chicks
kept by 3 children in one family. Lost about
1/2 of two groups of 25 in one room. One
group of 25 in another room has done
O.K.
Egg Exam - Extremely small for age.
One tips head to one side.
Blood sample drawn for serum test -
Positive H I
Diagnosis Newcastle Disease
Reported. Date 18 - VI - 47 By R.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 5-VI-47 Accession No. 0322
From G. S. Frost
Address Cherry Creek, N.Y.
Breed Crosses No. 3(A) Age 7 wks.

Other Material

Exam. - Two show typical
Newcastle head twisting.

Blood sample drawn for serum test -
Positive H.I.

Diagnosis Newcastle Disease (H.I.)
Reported. Date 18-VI-47 By P.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 6 - VI - 47 Accession No. 0323

From M. M. Melvin

Address Box 222, Celoron, N.Y.

Breed N.H. No. 2 (B) Age 5 wk.

Other Material

Postmortem

Swollen liver (1)

Necrotic heart (2)

Lung abscesses (2)

Intestinal & lower bowel plaques (1)

Sigmoïd necrosis (1)

Cult. livers S.S. AGAR } B. pullorum
M. AGAR }

Intestine & heart in ff.:-

Diagnosis Pullorum

Reported. Date 9 - VI - 47 By GSJm

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VI - 47 Accession No. 0324
From Bob Lux
Address East Aurora, N.Y.
Breed W.R. ? No. 22 (D) Age 8 weeks
Other Material Died between 2 & 6:30 P.M.
while running away. Flock of about
70.

Postmortem

Tooth marks on skin.
Skin bruises.
Broken ribs, broken.
Internal hemorrhage.

Diagnosis Killed by dogs or foxes.

Reported. Date 3 - VI - 47 By SAHM
really

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 7-VI-47 Accession No. 0325
From Albright (2. A. Dickerson)
Address Federal Bldg
Rockport
Breed W. Holland No. 2 (18) Age 2 weeks
Other Material 1500 6 weeks ago from Schweigler's
— lost 150. These were replaced.
1600 more 2 weeks ago — lost 50 — 60.
Patination
Lung abscesses (2)
Swollen spotted liver (2)
Chest. liver PL. AGAR —
S. S. AGAR — } B. pullorum
Lung in TE —
Diagnosis Pullorum
Reported. Date 9-VI-47 By JSB

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 4 - VI - 47 Accession No. 0326
From Frank G. Nelson (R. A. Dickerson)
Address Route 2, Lockport, N.Y.
Breed _____ No. _____ Age _____

Other Material Cane liver - TB suspected -
White nodules up to one
quarter inch in dia. in this liver.

Taken to Ithaca - Positive
for slender acid fast rods.

Diagnosis Tuberculosis
Reported. Date 12 - VI - 47 By P.P.L.

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16 - VI - 47 Accession No. 0327
From William Barrett
Address Leicester, N.Y.
Breed N. H. No. 4 (A) Age 4 wks
Other Material 500 from Atkins Hatchery, Batavia,
N.Y., lost 6 the first 2 weeks. Losses
to date have been 82. Getting
grain - 5 qts. a day. Have had
about twice as much mash as grain.
Lost 12 yesterday. No respiratory
symptoms. Dumpy, won't eat.

Postmortem

Caterpillar enteritis. (2)

Bloody, caseous plugs in ceca (1).

M.E. E. acervulina, E. tenella

Diagnosis E. acervulina, E. tenella

Reported. Date 16 - VI - 47 By JSBm

only

Slightly spotted liver (2)

Cult. liver Ph. AGAR - negative

7580

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16 - VI - 47 Accession No. 0328
From Andrew Conrad
Address Strykersville, N.Y.
Breed R. I. R. No. 2 (A) Age 4 months
Other Material 150 (broilers) - Has been losing 4
or 5 a week; thin;
Edham - Tottery stance, weak
on legs; act as if joints are painful.
Polymor
Rubbery, distorted, beaded ribs.
Soft skulls, rubbery beaks.
Weak leg bones - lime test
positive (cartilage several times thicker
than normal).

Diagnosis Rickets

Reported. Date 16 - VI - 47 By J. B. M.
only

Received 15 March 2007; accepted 15 May 2007

1. *Phragmites australis* (Cav.) Trin. ex Steud.

8930

[illegible]

31

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16 - VI - 47 Accession No. 0329
From Hermann Eldridge Fay Zembach (L.A. Dickerson)
Address Rockport, N.Y. Rockport NY
Breed W. H. No. 2 (ID) Age 3 - 4 wks.

Other Material 400 from ? Has lost
200. Pinner bringing case does not know
exactly when mortality started. No
respiratory symptoms.

Postmortem

Dead poult shows swollen, congested
liver; lung abscesses; necrotic heart;
intestinal, cecal and lower bowel plaques;
Live poult negative.

Cult. leivers PL AGAR - Negative

Lower bowel & cecum in TT → PL AGAR } Negative
S.S. AGAR }

Diagnosis Negative

Reported. Date 3 - VII - 47 By JSB

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16-VI-47 Accession No. 0330
From Charles Ibach Warren 2177
Address Derby-Pontiac Road, Derby, N.Y.
Breed Bronze No. 3 (A) Age 3 wks.
Other Material 300 from Zeeland, Mich.
Lot 140. Diarrhea. Pasting.

Postmortem

Constipation (1)

2 or 3 small plaques in lower bowel (2)

Cult. livers Ph. AGAR - Negative

Lower bowels in 1 to 2 → S.S. AGAR } Heavy
Ph. AGAR }

growth of Bacterium colonies → SUGAR S - Negative

Diagnosis Paratyphoid

Reported. Date 1 By

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16 - IV - 47 Accession No. 0331
From Clarence Winters
Address North Collins, N.Y.
Breed W.L. No. 4 (A) Age 1 month
Other Material 750 from Nelson Graves, Holland, N.Y.
Suspected bloody coccidiosis 10 days ago
and treated with 10% sulfar for
a day and a half. Later stunted
chicks were noticed; poor leg color;
droopy wings. Lost 50 to date.
Edo Egan - Dumpy, a couple stunted.
Postmortem
White transv. streaks & irregular
white patches on m.m. of small intestine (1).
Catarrhal enteritis (2).
Diagnosis E. acroventris, E. maxima
Reported. Date 16 - VI - 47 By JBW
rally

M.E. *E. acerulina*, *E. maxima*

A very few small whitish spots on 2 leaves.

Cultures PL. ACAR - Negative

1880

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16-VI-47 Accession No. 0332
From Clarence Winters
Address North Collins, N.Y.
Breed W. 2. No. #(A) Age 4 months
Other Material 1100 - Flock is O.K. in general.
The birds submitted are the culls
out of the flock.
Egg? Exam - Pale beaks & shanks; weak;
one appears partially paralyzed in legs (#1)
Postmortem
#1 - Neurolymphomatosis - left
vagus.
Others
Catarhal enteritis (2)
Typical blackhead liver; ceca
Diagnosis Neurolymphomatosis, Blackhead, E. maxima, Capillaria
Reported. Date 16-VI-47 By GBM
orally
columbae.

walls thickened & ulcerated in (1).

M.E. E. maxima, Capillaria columbae,

PROBATIONARY DISSEMINATED

1915

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-VI-47 Accession No. 0333
From Mrs. Bleekman
Address Junction Rd., East Aurora, N.Y.
Breed N. H. No. 1 (A) Age 10 weeks
Other Material Barebacked; some trouble in hock.
Left.

Exam - Hock joints twisted
& flattened. Owner says this is only
one in flock like this. M.E. of scrapings
& feeders negative for mites.
Postmortem
Slipped tendon.

Diagnosis Slipped tendon - Peron's
Reported. Date 17-VI-47 By JSB
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-VI-47 Accession No. 0334
From Harry Jenkins (John Curtis)
Address West Webster, N.Y. Alexander N.Y.
Breed Crosses No. 2 (ID) Age 11 days

Other Material 300 from a N.Y. hatchery.
Lot 36. Has increased (mortality) the
last 2 or 3 days - 4 to 6 a day.

Postmortem Ect. Exam: Two one dumpy.

Swollen, spotted livers (2), one
greenish colored.

Necrotic hearts (2)

Swollen spleens (2)

Gizzard necrosis (1)

Thickened lower bowel (1)

Cult. livers P.L. AGAR - B. pullorum

Diagnosis Pullorum

Reported. Date 20-VI-47 By SBM

SUGARSVV

Heart tissue & liver tissue in Tt → SS AGAR }
PL AGAR } B. pullorum

HEART TISSUE
LIVER TISSUE

4880

of 1000000

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 16-VI-47 Accession No. 0335
From Jean Atkins (John L. Storky)
Address Hartland N.Y.
Breed N.H. No. 2 (A) Age 8-10 wks

Other Material

E. & Exam - Dumpy, emaciated.

Polio

Intestine dilated & sprinkled
with smallish spots & hemorrhages.

M.E. E. necatrix

Diagnosis E. necatrix

Reported. Date 17-VI-47 By JZDM

phone
to Storky

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-VI-47 Accession No. 0836
From Our Lady of Victory Farm
Address 100 Martin Blvd., Leekwanna, N.Y.
Breed W-2 No. 3 (A) Age 6 weeks
Other Material Flock dumping. Rattle, if any,
mortality, yet. A few bloody droppings.
E. & E. - Dumping, feathers stained,
light. A bloody dropping in box.
Postmortem
Typhlitis; blood in ceca (2)
Caseous material in ceca, some
cecal ulcers (4)
Typical blackhead liver (1)
Intestine dilated and
white streaked & spotted.
Diagnosis Blackhead, E. tenella, E. acervulina, E. maxima
Reported. Date 17-VI-47 By JJF
orally

M.E.

E. tenella

E. acervulina (heavy)

E. maxima

RECEIVED 1911

0880

NO. 100

100

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17 VI 47 Accession No. 0337
From Frank D. Tanner (Blanchenberg)
Address Angola, N. Y.
Breed N. H. - No. 3 (alive) Age 8 weeks
Other Material Hatchery - Weidner, Armour, N. Y.
4 lost 14/6/47, originally 450.

Postmortem

Severe hemorrhagic typhilitis (1)
Thickened cecal walls (2)

M.E. E. tenella

Diagnosis E. tenella
Reported. Date 17-VI-47 By SBM
phone to Tanner
analyt to Blanchenberg

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 17-VI-47 cc/ Accession No. 0338
From William Watts Lloyd Blenkenberg
Address Gasport, N.Y. Box 98, Hamburg, N.Y.
Breed B. R. No. 1 (A) Age

Other Material

Examination - Bird lame on no leg.

Palpation

Tendon of achilles of lame
leg broken away from its insertion
on the metatarsus. Broken end
hemorrhagic & ragged. Clotted
blood all up & down the tendon
sheath.

Diagnosis

Ruptured tendon

Reported.

Date

17-VI-47

By

GSM

only to Blackley

20-VI-47

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18--VI-47 Accession No. 0339
From N. F. Barnum 355R
Address Porterville Rd, East Amherst, N.Y.
Breed Banded Cross No. 2(A) Age 3 weeks
Other Material 95 - young down on rocks for
3 or 4 days. No losses, yet. Feeding
G. L. F. Starter, some grain - 3 or 4 pts
mash to 1 grain.

Postmortem -

Rubbery beaks; soft skulls; beaded,
distorted ribs; ribbing leg bones; line
test - cart. plate of tibia $\frac{1}{4}$ " wide.

Diagnosis Rickets

Reported. Date 18-VI-47 By SSM
phm

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18-VI-47 Accession No. 0340
From Mrs. Zorned Offhaus
Address R.D. 3, East Aurora N.Y.
Breed M.H. No. 1 (A) Age 2 months
Other Material 240 - Trouble for 1 wk. Dampy,
light, droppings white & watery.

Post-mortem

Intestines detailed & heavily
granulated with wh. spots & hemorrhages.
M.E. E. necatrix

Diagnosis E. necatrix

Reported. Date 18-VI-47 By W.B.M.
reilly

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18 VI 47 Accession No. 0341
From Arthur Dunkley
Address R.D. 1, Medina, N.Y.
Breed W. 2. No. 5 (1 D) Age 2 wks
Other Material 500 from Berry's Hatchery, Ohio.
Respiratory symptoms since the 13th.
Chicks were 3 days in shipment. 1 for
400 5 mos. W.R. and 500 layers on
place. Saw a light cold in the layers
on the 13th, too. Thinks they
had Newcastle last Summer - Colds
& no egg production for a month (40 or 50
a day from 800).
About 5 chicks have shown
nevous symptoms - staring, head tumor.
Diagnosis Newcastle Disease (H.I.)
Reported. Date 1 - VII - 47 By R.P.Z.

✓

Mortality to date - 100. Int 25-30 1st week, then stopped
Egg exam.

Smearing, rotting. One shows coarse
head tumor and slight downbending.

Postmortem

I. Spleen appears a little swollen
otherwise negative.

Blood smears drawn - Positive H.I.

Department of Pathology and Bacteriology
POULTRY DISEASES

4036

Date 18-VI-47 Accession No. 0342
From Gerard Keen
Address Orcade, N.Y.
Breed W. Z. No. 2(A) Age 2 1/2 months
Other Material 300 this age on place. The 150 —
cockrels, only, are showing this. Dumpy;
no losses, yet.

Bilmoles

Intestine dilated, esp. in
middle third, and heavily sprinkled
with white spots.

ME. E. necatrix

Diagnosis E. necatrix

Reported. Date 18-VI-47 By JSB
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18 - VI - 47 Accession No. 0343
From Clarence Jackson (U.C. Stevenson)
Address Shinglehouse, Pa., Bolivar Township Belmont N.Y.
Breed N.H. & B.R. No. 2(A) Age 14 wks
Other Material 60 - Dumpy starting 16th. No
losses yet.

Post-mortem

Intestines dilated, white
spotted, & hemorrhagic
M.E. - E. necatrix

Diagnosis E. necatrix
Reported. Date 18 - VI - 47 By SSM
orally to Stevenson

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18 - VI - 47 Accession No. 0344
From L. T. Hull (Harold Sweet)
Address Castile, N.Y. Warsaw N.Y.
Breed Crosses No. 1 (A) Age 12 weeks
Other Material 300 - loosing 4-6 a day now.
lost about 40 in all. Watery
diarrhea. No bloody dropping. Thumpy
sthen.

P.M. Intestine dilated & sprinkled
with white spots visible from
serosal surface. M. m. of middle
and anterior thirds heavily covered
with small white streaks.

M.E. *E. acervulina* & *E. necatrix*

Diagnosis *E. acervulina*, *E. necatrix*
Reported. Date 18 VI - 47 By JSW
only to Sweet

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18-VI-47 Accession No. 0315
From Norman Williams
Address Center St., East Aurora, N.Y.
Breed W. H. No. 1(A) Age 6 wks

Other Material

Ext. Exam. - Large mass of intestines, including duodenal loop & ceca, forming a bulging mass just under the skin on the left - posterior portion of the abdomen.

Postmortem - Intestines had ruptured through abdominal muscles.

Diagnosis Hernia

Reported. Date 18-VI-47 By STOM
nally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18-VI-47 Accession No. 0346
From Eliner J. May (Harley M. Greis)
Address Dossom Rd., Elma, N.Y. 24RH
Breed WFH No. 3(D) Age 7 weeks
Other Material 450 - lost 8 one day - 2 doz. more
are lost. Feed consumption down; droppings
watery.

Postmortem - Catarrhal, necrotic
enteritis.

M.E. Coccidiosis

Diagnosis mixed intestinal coccidiosis

Reported. Date 18-VI-47 By ABM
phone

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4036

Date 18 - VI - 47 Accession No. 0347
From C. P. Grimm
Address New Rd., East Amherst, N.Y.
Breed W. Z. No. 2 (A) Age 4 1/2 weeks
Other Material Starting 500 every 4 weeks - in
batteries 2 weeks, then on floor.
Leg trouble starts at 4 weeks. No
notably except about 30 that owner
has destroyed out of two bunches.
Eggs. Exam. - 7 wk. old pullet very
lame on left leg. Holds legs overextended
or straight out front. 4 wk. old cockerel
acts dumpy and inactive.
Postmortem
Pullet negative. 4 wk. old cockerel
Diagnosis Neurolymphomatosis
Reported. Date _____ By _____

shows left vagus at least three times
as large as the right. Striations of left
vagus are indefinite.

Left vagus preserved for sectioning

7180

Cult liver PLAC SR - Negative

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18-VI-47 Accession No. 0348
From Frank Ingster (C. R. Grimm)
Address Amherst Turkey Farm, New Rd., East Amherst, N.Y. See # 347
Breed W. H. No. 1 (A) Age 4 months
Other Material Same, curled toes, crooked breast.
Postmortem

One leg not quite straight.
Chronic abscess of both foot
pads - cult. on P.D. AGAR - negative

Diagnosis Abscess of foot pads
Reported. Date 20-VI-47 By GBM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 18-VI-47 Accession No. 0349
From T. D. Norberg Jameson 46457
Address RD 3, Jameson, N.Y.
Breed S. C. W. No. B (D) Age 9 wks
Other Material _____

Postmortem

Typical blackhead lesions (2)
thickened, plugged, ulcerated oca (2)

Diagnosis Blackhead

Reported. Date 19-VI-47 By SOM

phone

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 19 - VI - 47 Accession No. 0350
From Sowanda State Hospital (Dr. R.W. Fuller)
Address Helmouth, N.Y. 12 Washington Ave
Batavia, N.Y.
Breed N.H. & W.2 No. 3 (1D) Age 8 wks & 1 yr.
Other Material N.H. (2) are from flock already
positive for Newcastle disease (#242)
Blood sample drawn - Positive H.I.

W.2. was brought in to check
for Newcastle but was dead on arrival.

Diagnosis Newcastle Disease (H.I.)
Reported. Date 1 - VII - 47 By P.P.2.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 19-IV-47 Accession No. 0351
From Raymond Eckerty C/- (Lloyd Wolf)
Address Brockport, N.Y. 282 Holly St.
Brockport, N.Y.
Breed W.L. No. 2 (A) Age 7 weeks
Other Material Flock was showing typical
Newcastle respiratory & nervous symptoms
a month ago. Mr. Wolf was instructed
then to send in one or two recovered
birds from the Eckerty flock about
now.
Blood drawn - Positive H.I.

Diagnosis Newcastle Disease (H.I.)
Reported. Date 1-VII-47 By P.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 20 - VI - 47 Accession No. 0352
From James Hess
Address Stuykessville, N.Y.
Breed W2, P.T.R. & W.H. No. 3 (D) Age 8 wks
Other Material 500 chickens - feathers
ruffled, lost 6, 2 last night.

Had 6 turkeys; has 1 left.
Postmortem

Chickens - Negative, except
suspicious for swollen livers.

Cult. livers S.S. AGAR } negative
PL. AGAR } negative

Turkeys - Blackhead liver; ceca
ulcerated & enormously distended with caseous plugs.

Diagnosis Blackhead, Negative

Reported. Date 20 - VI - 47 By SSM
nally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 20 - VI - 47 Accession No. 0353
From Frank Maxwell
Address West Valley, N.Y.
Breed W. 2. No. 3 (A) Age 11 weeks
Other Material 350 on range (3 wks). Has treated
(2 1/2%) sulfaguanidine for 1 day) for coccidiosis
three times. Mortality would stop
for two or three days & reappear.
Postmortem

Blackhead liver (1)
Ceca ulcerated (3) and distended
by enormous caseous plugs (2)
Intestine sprinkled with
white spots.

ME. E. ventrios
Diagnosis E. ventrios, Blackhead
Reported. Date 20 - VI - 47 By JSB
rally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 20 - VI - 47 Accession No. 0354
From Stanley Keller (Ralph Everett)
Address Holland, N.Y. (East Amherst, N.Y.)
Breed W. 2. No. 3 (10) Age 10 wks
Other Material 420 started. Very little loss
to date. Apparently had severe
coccidiosis periodically. Bad coccidiosis
now - lost 10 first day & 17 yesterday.
Ceb. Exam. - Dumpy.
Rochester
White spotted intestines
Hemorrhagic typhilitis (3) - none
severe.
M.E. E. necatrix, E. tenella
Diagnosis E. necatrix, E. tenella
Reported. Date 20 - VI - 47 By JABM
only to Everett

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23-VI-47 Accession No. 0355
From N.Y.S. Agr & Tech Institute (Wm Stopper)
Address Alfred, N.Y.
Breed B. P. & W. Z No. 2 (A) Age 4 months
Other Material 1450 young stock (1000 on range)
The bird brought in are
off the range which is very wet.
E.B. Evans.

B. P. - Unsteady on legs; holds
head tipped & turned slightly to
one side.

W. Z. Weak on legs.

Postmortem

(2 x 2 x 5 mm.)

B. P. - Small, reddish tumor
lying against dorsolateral surface
tumor, Blackhead

Diagnosis

Reported. Date

23-VI-47

By

E.B. Evans

really

✓

of medulla oblongata just posterior to
left cerebellar hemisphere.

W.2.

A few round, yellow and larger,
patchy "blackhead" lesions on liver.

Thick, healed ulcers in ceca.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23-VI-47 Accession No. 0356

From Carl Eck

Address Bowen Rd., Lancaster, N.Y.

Breed W. L No. 3 (10) Age 5 wks

Other Material 300 (pullets) — Came down with "bronchitis" when 2 weeks old — lost only about 30 from it. No nervous symptoms. We all over the bronchitis now. Came from Kander's Reghorn Farm, New Paltz, N.Y.

Lost 3 yesterday and a few more are sick today.

Extended Exam — Rough feathered, lumpy; neck stretched & holds head low.

Diagnosis Blackhead, E. acervulina

Reported. Date 23-VI-47 By LSM

only

Letter 3-VII-47

Postmortem

m.m. of duodenum & middle third of intestine white streaked & spotted. (2)

Yellow spotted liver (1) and perforating intestinal ulcers (lower $\frac{1}{3}$ of intestine) in same bird. Also, plaques covered by diphtheritic membranes in the lower bowel.

Severe nephritis (1).

M.E. E. acervulina

Cult livers P.L. AGAR } Negative
S.S. AGAR }

Lower bowel & liver in Y.T. - PLA GAR } Negative
S.S. AGAR }

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23-VI-47 Accession No. 0357
From Lloyd-Jones Bros.
Address Chafee, N.Y.
Breed Jersey Buff Turkeys No. 2 (A) Age 1 wk.
Other Material 200 - These are the only two
that are bad off. Think something might
be just starting.
Ect. Exam. - Runny, inactive
Postmortem -
Yellow patches in one liver.
Lung abscesses in both.
Cult. Inds. PL. AGAR - Negative
Lung in TC. → PL. AGAR } Negative
SS AGAR }
Diagnosis Negative
Reported. Date 28-VI-47 By SDM

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 24-VI-47 Accession No. 0358
From Albert Klotz
Address South Dayton, N.Y.
Breed W. 2 No. 4(A) Age 8-11 weeks
Other Material 6-7,000 of various ages —
broiler plant, all in batteries. Start
doing poorly about 6 wks. of age — watery
diarrhea, poor fleshing. Some of the
chicks have received commercial sulfa-
preparation.
Post Exam — Bumpy, rough
feathered, a little light.
Postmortem
Catarrhal enteritis.
M.E. *E. maxima*, *E. acervulina*
Diagnosis *E. acervulina*, *E. maxima*
Reported. Date 24-VI-47 By ABM

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 24-VI-47 Accession No. 0359
From Albert Klotz
Address Smith Dayton, W. Va.
Breed W. L. No. 10 (ID) Age 1-5 wks
Other Material See #358 - Starting at 1 wk. to
get wet & dirty around eyes and show
gargling (15-20%) - loses 10-20%
first 4 wks. Some from Newhouse's, Salavid
and some from Bailey Feed Store. Has
done some feeding of commercial sulfa-
preparation.

Exam. Damp, rough feathered,
tracheal rales in 5 or 6. Wet, stuck
eyes in 3 or 4. Nasal exudate in 2 or 3.

Diagnosis Infectious coryza
Reported. Date 28-VI-47 By LSM

Postmortem

7 + 10 day lds

Spotted livers (4)

Consolidated areas in lungs (2)

Thickened lower bowel (1)

9380

Cult. livers PL. AGAR } negative
BSL. AGAR }

Liver, lung, & lower bowel in VT. →

PL AGAR } negative
S.S. AGAR }

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 25 - VI - 47 Accession No. 0360
From Mrs. Z. Z. Shaw (Zoo Wainman)
Address Collins, N.Y.
Breed W. L. J. No. 4 (ID) Age 6 wks
Other Material 300 - lost only about 15
St Esam - Dumpy, bedraggled,
diarrheic.
Postmortem
Reprint hemorrhages in small intestine (1)
Catarrhal in cecum (2)
White patches & caseous plugs
in ceca (2).
ME. E. maxima, E. tenella

Diagnosis E. maxima, E. tenella
Reported. Date 25 - VI - 47 By ESM
ralley Shawman

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 25-VI-47 Accession No. 0361'
From John W. Hollings (Mr. Fiske)
Address R.D. 4, Jamestown, N.Y.
Breed W. Z. No. 10(A) Age 13 wks.
Other Material 900 - Showing paralysis for about 3 weeks.

Examination - Typical paralysis of the leg(s) in almost every bird (8 or 9). Legs stuck helplessly out front or sideways. One or two distended crops.

Postmortem : Gray, glassy, discolored, swollen pectoral & brachial nerves & plexuses; vagi and a couple of intestinal loops in at least 8 birds.

Hemorrhagic typhilitis (1)
Diagnosis Neurolymphomatosis; Blackhead, & Tenella
Reported. Date 25-VI-47 By J. S. S. M.

rally

✓

Cecal cores (2) ; blackhead patches
on liver (1). → + old acul ulcers

ME. Σ tenella

1080

(1:1)A

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 25 - VI - 47 Accession No. 0362

From Certou Barz.

Address Ripley, N.Y.

Breed N.H. J No. 21(A) Age 3 wks.

Other Material 11,000 from Ohio. Starting sneezing, wheezing & rattling about 4 or 5 days ago. Just in / pen of 600.

Two pooled sets brains, spleens & lungs --

One serum sample = Positive HI.

Diagnosis Newcastle Disease (H.I.)

Reported. Date 1 - VII - 47 By P.P.H.

MEMORANDUM FOR THE RECORD

9880

1. [Illegible]

2. [Illegible]

3. [Illegible]

4. [Illegible]

5. [Illegible]

6. [Illegible]

7. [Illegible]

8. [Illegible]

9. [Illegible]

10. [Illegible]

11. [Illegible]

12. [Illegible]

13. [Illegible]

14. [Illegible]

15. [Illegible]

16. [Illegible]

17. [Illegible]

18. [Illegible]

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 25-VI-47 Accession No. 0363

From Richard E. Dellapenta

Address R. D. I. Friendship, N. Y.

Breed W. L. No. 12 (D) Age 4 wks

Other Material 300 - caught from Oxyring, Friendship, N. Y.
OK. 6:00 P.M. Have been turned outdoors.
At 1:00 A.M. found 97 dead outdoors
near the house. Had just bought
a new lot & feed that afternoon and
started feeding it. Now have dead
except for that were still alive
outside and were placed in the
house. This happened the night
before last.

Diagnosis Killed by foxes or dogs

Reported. Date 25-VI-47 By GRM

rally

Ed Team - Tooth marks, skin bruises,
broken ribs.

Postmortem

Fractured ribs

Torn muscles

Internal hemorrhage

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26 - VI - 47 Accession No. 0364

From Carl Bloom

Address 142 Buell St., Akron, N.Y.

Breed W. 2. No. 4(A) Age 2 weeks

Other Material 200 from Indiana. Respiratory

symptoms observed abt 3 or 4 days after
the chicks were rec'd. Nervous symptoms
for about a week. Only lost about
40 or 50. No other chickens on
place

Est. Exam. Dr. Bruden's⁽⁴⁾, backing up, tracheal
one serum sample - Faltre H. I.

Diagnosis Newcastle Disease (H.I.)

Reported. Date 1 - VII - 47 By R.P.L.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 26-VI-47 Accession No. 0365
From Steve Wilson (2. D. Dickerson)
Address R.D. 4, Rockport, NY.
Breed N.H. No. 1 (A) Age 1 yr.

Other Material

Egg Exam - Diarrheic, good flesh, fat.

Postmortem

Ruptured yolk in abdominal cavity, flaccid follicles.

Cult. liver PL. AGAR - Negative

Ovary in Tt → PL. AGAR }
S.S. AGAR } Negative

Diagnosis

Negative

Reported. Date 2-VII-47 By JADW

phone to Dickerson

letter 4-VII-47

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 22-VI-47 Accession No. 0366
From Valley View Poultry Farm
Address Bolivar, N.Y.
Breed R.I. P. No. 22 No. 3(A) Age 5 months
Other Material 400 R.I. P. - 4 have shown
loss of use of legs.
1100 Wt. 2. - Have had coccidiosis.

Sexual immaturity.

Ext. Exam. - Older two rest down
on hocks. 3 mon. old bird's legs
spraddle sideways & forward -
Postmortem.

Both 5 mo. birds have both
Achilles tendons ruptured & are
bruised on back of leg just above
Diagnosis Ruptured tendon of Achilles

Reported. Date 27-VI-47 By GABM

rally

rock joint.

3 mo. old bird shows somewhat weak bone structure ^{the treatment of bone diseases} as a healed fracture of the right femur which shows overriding.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 28-VI-47 Accession No. 0367
From Edward Petrie
Address Arcade, N.Y.
Breed W. L. No. 2(A) Age 7 wks
Other Material Just finished a 5% sulfur
treatment a week ago. Got a little
more sulfur last night. 300 flour
graves. Blood-tinged droppings.
Exam - Both intest; one
acts paratitic, paralyzed in legs
Intestine
Prominent transv. wh. structure
in m. of duodenum & just
below it. (W.)
Brachial plexuses and the
Diagnosis E. acroventria, Neurolyptomatosis
Reported. Date 28-VI-47 By Est R

right sciatic plexus swollen and
show loss of striations. (1)

ME. E. acervula
Department of Pathology and Bacteriology
POL. TH. 104

0380

Accession No.

Age

No.

104

Received from the

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 28 - VI - 47 Accession No. 0368
From F. E. Henderson [Plane Wm Smith]
Address Swainsville, Mass - 796 W 1/2 1
Breed N. H. No. 2 (D) Age 10 days
Other Material 100 N.H. & 100 W. P. (10 raised) rest 5
W. P. Has lost 22 of the N. H.
mortality started at 6 days of age (6 died)
Post-mortem
Scabby, infected, unhealed
navel (1). Also, partially unabsorbed
yolk, peritonitis & pericarditis.
Swollen liver (1).

Cult birds PHAGAR - Negative
Liver, heart, spleen in TT →
Diagnosis Paratyphoid
Reported. Date 3 VII - 47 By ESDM

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 30-VI-47 Accession No. 0369
From Mary Wiley
Address 551 East Lake Ave, Orchard Park, N.Y.
Breed Crosses No. 3 (P) Age 6 months
Other Material 1/6 - Lost 7 during past week.
Died suddenly. Only one was observed
sick before death.
Postmortem:
Swollen (1), spotted (3) livers.
(white spots - up to $\frac{3}{16}$ " in dia.).
White spots & plaques on
intestinal m.m. (2)
Nephritis (2)
Large bowel plaques (2)
Cult. live in PL & FL & D AGAR - Negative
Diagnosis Negative
Reported. Date _____ By _____

Lower bowel in TE → PL AGAR } Suspicious
SS AGAR }

colonies (Bacterium?) → T.S.E - Negative

2380

↓
2

PL AGAR

SS AGAR

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 30 VI - 47 Accession No. 0370
From Mrs. B. Leahy
Address Regina Rd., Hamburg, N.Y.
Breed W. H. No. 2 (D) Age 2 1/2 months

Other Material 500 - on slats. Most
are active & eating well. Lost
one yesterday and one this morning.
Another droopy this morning.
Postmortem

#1 - Cream-colored spots up to
1/2" in dia., surrounded by dark
rings on the liver. Caseous plugs,
hemorrhage, & ulcers in ceca.

#2 - liver congested, ulcers &
hemorrhage in ceca.

Diagnosis Trichomoniasis

Reported. Date 30 VI - 47 By SSM
adly

END

ME. - Trichomonads in ceca (one
bird had been killed an hour ago).

RECEIVED
BIOLOGY DEPARTMENT
UNIVERSITY OF CALIFORNIA
BERKELEY, CALIF.

0780

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 1- VII - 47 Accession No. 0371
From Walter Zis
Address Machias, N.Y.
Breed Bronze No. 6 (3D) Age 4 weeks
Other Material 200 from Zeeland Hatchery,
Zeeland, Mich. Lost 15 in first
couple weeks. Mortality then stopped
for a week. One dead Sunday
morning and 7 in last 24 hours.
A few, esp. small ones, in the
flock are dumping.
Exam - The three live birds
are dumping & inactive.
Postmortem - Catarrhal enteritis. (4)
Ulcers, some of them perforating,
Diagnosis Mixed intestinal coccidiosis, Trichomoniasis
Reported. Date 1-VII-47 By STB
rally

in the ceca (5). Soft caseous
plaques in ceca (3).

Ulcers covered with dysphthenteric
membranes in small intestine at
level of ceca (2)

M.E. - Mixed intestinal coccidiosis
Trichomonads (ceca)

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 1-VII-47 Accession No. 0372
From Norman Beck
Address N. Davis Rd., East Amherst, N.Y.
Breed Banded Amer No. 1 (D) Age 12 weeks
Other Material 100 — In last 2 weeks about
5 or 6 have become light & weak.
One observed with a pendulous, impacted
crop. All have died, in yard with lot
Postmortem of dead, matted grass.
Sizzard and first half of
duodenal loop impacted with
fibrous material. Another
impaction in small intestine
about 8 down to ceca.

Diagnosis Impaction of intestine
Reported. Date 1-VII-47 By SDM
only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2 - VII - 47 Accession No. 0373
From Loren Agell
Address Olean, R.D. 1, N.Y.
Breed W.L. No. 8 (A) Age 5 months
Other Material 294 in flock; just starting to lay - 38 eggs yesterday. Some won't eat the cracked grain at night (titter-fed). They are in good flesh; comb purple on edges; will drink water; stay on roosts; once in a while one will die. This has been going on for 2 or 3 weeks.
External Exam - 3 or 4 have pale; purple-tipped, shrunken combs. All are inactive.
Diagnosis E. pecatoria
Reported. Date 2 - VII - 47 By STDM
mealy

Preliminary

Very sour crops in 3 or 4.

Severe pinpoint hemorrhages &
heavy jauniting of pinpoint
& white spots visible from serosal
surface of small intestine.

N.E. E. necatrix

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 2 - VII - 47 Accession No. 0374
From Robert W. Allen
Address Dorset State Rd., Hamburg, N.Y.
Breed N. H. No. 4 (20) Age 7 wks
Other Material Battery broiler plant. Owner
has seen respiratory symptoms on
a couple of occasions in last six
weeks. Says he has seen "limbened"
for a month. Says chicks, now
six wks old, showed respiratory
symptoms when he got them.
2 & 3 can - Two live birds
both downy. Both show
moderate tracheal rales.

Diagnosis Newcastle Disease (HI & SN)
Reported. Date 15 - VII - 47 By P. P. H.

Palmarum

Cloudy air sacs (1 dead bird).
One live bird suspicious for
cloudy air sacs.

Drew blood sample

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VII - 47 Accession No. 0375
From Chestnut Ridge Park (Mr. Shremaker)
Address Orchard Park N.Y.
Breed Pheasants No. 3 (A) Age 3 weeks
Other Material Lame, sporadically legged. The
only 3 out of 1900 birds.
Got Exam - Achilles tendons on
one or both legs slipped to medial
side of hock joint.
Potomac
Slipped tendons

Diagnosis Prosis
Reported. Date 3 - VII - 47 By W. F. M.
really

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3 - VII - 47 Accession No. 0376
From Richard Sharick (J. S. Hall)
Address Corfu, N.Y. Corfu, N.Y.
Breed Chinese P. N. Pheasants No. 1 (A) Age 3 wks
Other Material 35 - Started in confinement;
then let them out 6 days ago. Mortality
started same day. Lost over half
through the following 3½ days. Mr.
Hall first saw them morning of
the 1st (Tuesday) and they were all
gasping. One very sick bird could
not get up but would roll over and
appeared to twist his neck.
Eos Exam - Tracheal roles.

Diagnosis Negative
Reported. Date 15 - VII - 47 By P.P.L.

Blood sample drawn

Brain, spleen, & lungs removed

08780

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 3-VII-47 Accession No. 0377

From Elmer Partridge

Address Golden, N.Y.

Breed W.L. No. 2(A) ^{live} Age 4 weeks

Other Material 300 in flock - caught from Norman Reading
Westfalls, N.Y. - lost 3 since disease struck
3 days ago. Birds - droopy - feed consumption
dropped somewhat.

E. acervulina - Diagnosis, diarrhea, not
in good flesh.
Post-mortem

Heavy sprinkling of white streaks
on m.m. of intestine, especially in
duodenal portion.

M.F. - E. acervulina
Diagnosis E. acervulina

Reported. Date 3-VII-47 By J.R.M.
phn

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 3-~~III~~IV - 47 Accession No. 0378
From Mr. Lake (care of Buzzy Bird) (Blankenberg)
Address Bergen, N.Y. Hamburg
Box 98 N.Y.
Breed N.H. No. 2 (B) Age 1 1/2 yrs.
Other Material 100 laying hens - lost 8 in last
10 days; droopy, then die. rest of flock
appears in excellent health.

Pullorum

Swollen, necrotic liver (2)

Necrotic hearts (2)

Lower bowel plaques (2)

Lung abscesses (1)

Shrunken, discolored follicles

Cult. livers

S.S. AGAR

PL. AGAR

} Negative

Diagnosis Suspected Pullorum

Reported. Date 29-VII-47 By SDM

Prelim report - Pullorum - July 4, 1947 SDM

Liver, heart, & lower bowel in Yt → S.S. AGAR - A few
PL AGAR - neg.

Follicles in Yt → S.S. AGAR }
PL. AGAR } Negative
8580

* suspicious colonies → S.S. AGAR -
PL. AGAR -

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 3 - VII - 47 Accession No. 0379
From Steve Wilson (2. A. Dickerson)
Address R. D. 4, Lockport, N.Y.
Breed mixed (N.H., Cross w. 2?) No. 3 (1st) Age 5 & 8 weeks
Other Material

E. S. Swan - Dumpy, light,
diarrhea.

Postmortem

5 wks

Catarrhal Enteritis.

M.E. E. maxima.

8 weeks

Roundworms ^{Hemorrhagic, catarrhal} enteritis esp. in
M.E. A few E. acervulina ^{duodenum & loop}

Capillaria columbae.

Diagnosis E. maxima, E. acervulina, Capillaria

Reported. Date 4 - VII - 47 By J. J. Som
columbae, ascariasis

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21 - VII - 47 Accession No. 0380
From Mrs. Elizabeth Adrian
Address 5688 Genesee Rd., Tonawanda, N.Y.
Breed W. H. No. 3 (12) Age 11 weeks
Other Material 400 - on range for 3 wks - no
poultry in it for years. Ladino &
alfalfa range. Some rain, cold
weather lately. Has lost about
30. Expt. Exam. - Two birds weak & dumpy.
Postmortem Yellow dropping from one
Typical blackhead liver (1).
Blackhead lesions, most with
light cream colored centers, on liver (1).
Liver swollen & mottled with
patches of light cream colored tissue (1)
Diagnosis Blackhead, trichomoniasis
Reported. Date 20 - VII - 47 By JGBm
only

Ulcerated ceca, packed with caseous
plugs (3).

M.E. of cecal scrapings⁽²⁾ - Dozens of
trichomonads per field in one; a few
per field in other.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21 - VII - 47 Accession No. 0381

From John Partera

Address Clinton St. Elms, N.Y.

Breed Light Sussex, N.Y. & DR No. 6 (A) Age Twelve

Other Material 600 - most of the mortality

has been during past week - 6 a day

E.T. Exam. Bumpy & light.

Postmortem

Ceca show a few old ulcers

and are packed with caseous plugs (5)

N.E. (intestinal & ucal scrapings) - Negative

Diagnosis Blackhead

Reported. Date 20 VII - 47 By ESDM

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21 - VII - 47 Accession No. 0382
From David Spears C.C. Muhanna's Chicks
Address Akron, N.Y. R.D. 2 Batavia, N.Y. Hatchery
Breed N.H. No. 3(A) Age 5 1/2 wks
Other Material 200 in 2 flocks of 100 ea.
In all 25 have been seen like this
divided between the two flocks.
Get droopy; lame in one leg. Only
2 or 3 died; killed 6 or so.
about two weeks ago sneezing
& rattling started. Since then
downbenders found. Circling, staring
(after drinking) also noted.
Ext. Eosin - Tracheal rales (2) hoarse
chirp (1); paralyzed leg (2), coarse head tumor (1)
Diagnosis E. tenella, E. acroventris, E. maxima, Newcastle
Reported. Date 18 - VIII - 47 By P.F.L. Disease
phone: 22 - VII - 47 - Coccidiosis - 282m (H.I.)

V

Postmortem

Cloudy air sacs (2)

Cecal walls thickened; a little blood
and hardened fecal material in ceca (2)

~~2 white patches on m.m.~~ of anterior
 $\frac{1}{2}$ of intestine (2)

M.E. - *E. tenella*, *E. acervulina*, a
few *E. maxima*.

Blood drawn, serum sent to Rheda -

Positive H.I.

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21-VII-47 Accession No. 0383
From Mrs. E. D. Ross
Address Elba, N.Y. Box 156
Breed W. 2 No. 6 (A) Age 10 weeks

Other Material 300 - Respiratory symptoms
started 10 days or 2 weeks ago. These
consisted of gasping & choking. They
are just now starting to die. Only
about 10 of the birds have been
breathed with respiratory symptoms
Some "paralysis".

Ext. Exam - No resp. symptoms; 3 birds
hardly use one leg. Weak & dumpy.
Post-mortem

Small intestine severely dilated,
E. necatrix

Diagnosis

Reported. Date 21-VII-47 By JDSm
only

especially in middle third (4).

White spots visible through serosal surface
of intestine (6).

M.E. - E. necatrix

6880

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 21-VII-47 Accession No. 0384

From Mrs. A. Engel

Address Lake View Rd., Hamburg, N.Y.

Breed Australorp No. 3 (A) Age 2 1/2 months

Other Material 420 started from G. Osborn, Holland, Michigan. Lost 40 first 2 weeks, lost 10-15 a week the last 4 weeks.

Ad Cream - Dumpy, light.

Postmortem

Intestine dilated & sprinkled with pinpoint white spots and hemorrhages.

M.F. E. necatrix

Diagnosis E. necatrix

Reported. Date 21-VII-47 By gsm

orally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 22-VII - 47 Accession No. 0385
From Mrs. Elizabeth Aduan
Address 5688 Givens Rd., Leicester, Mass.
Breed Duck No. 1 (A) Age adult
Other Material See # 380. Check for possible
presence of trichomonads.
Postmortem - No gross lesions
M.E. (Intestinal & cecal scrapings) - Negative
except for presence of cecal worms.

Diagnosis Negative
Reported. Date 22-VII - 47 By JSBm
only

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 22-VII-47 Accession No. 0386
From. Mrs. Frank Major
Address. Holland, N.Y.
Breed. Crosses No. 3 (D) Age 4 weeks
Other Material. 250 - Going dumpy for a few
days. Just started to die - 4 so
far. Bloody droppings.
Postmortem

Severe hemorrhagic typhlitis (3)
white streaks & patches on m.m.
of anterior $\frac{1}{2}$ of m.int. (2)

ME. - E. acervulina, E. tenella

Diagnosis E. acervulina, E. tenella

Reported. Date 22-VII-47 By SDM
mly

Department of Pathology and Bacteriology

POULTRY DISEASES

4026

✓
Date 22-VII-47 Accession No. 0387
From E. Ray Lan Riwenta (Drs. McBride & O'Brien)
Address Lawson, N.Y. Mayer Rd.
Breed Bronze No. 5 (D) Age 4-15 weeks

Other Material _____

Postmortem

10 & 15 wks

Semiceous yellow masses in
small intestines.

White spots (1) and white plaques (1)
in lower portion of small intestine.
4 wks

Catarrhal enteritis

M.E. Mixed intestinal coccidiosis.

Diagnosis Mixed intestinal coccidiosis

Reported. Date 22-VII-47 By J. B. O'Brien
phone to O'Brien

✓

Department of Pathology and Bacteriology

POULTRY DISEASES

4026

Date 22 - VII - 47 Accession No. 0388
 From Lloyd Jones Bros.
 Address Chapel, N.Y.
 Breed W. H. No. 1 (A) Age 15 - 18 weeks
 Other Material Flock is in barn basement. One
lost occasionally. Suspects blackhead.
Exam - Stained with sulfur-
yellow droppings around vent. Du. py.
Pericardium
Mild fibrinous pericarditis
Liver slightly hard & swollen.
muc. of anterior $\frac{1}{3}$ of small
intestine is congested - reddened.
Enlarged strip of lymphoid
tissue protruding from mucosa of
 Diagnosis Negative
 Reported. Date 24 - VII - 47 By J. J. D. M.
phone

small intestine at lower end of duodenal
loop.

Cult. liver & heart blood { PL. AGAR -
BL. AGAR - } negative
8880 S.S. AGAR -

Heart & liver tissue in Tt → S.S. AGAR - negative

Int. mucosa in Tt → S.S. AGAR - negative

5

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23 - VII - 47 Accession No. 0389
From R. C. Gordon (Howard Fiske)
Address R.D. , Jamestown, N.Y.
Breed B.R. No. 6(A) Age 8 weeks
Other Material 2,000 - Coccidiosis showed up at
4 or 5 weeks. Had a couple of flushes.
Bloody droppings then but none now.
Get Exam - Dumpy, thin, undersize -
Postmortem

Small intestine shows pinpoint wh.
spots & hemorrhages visible through
serosal surface. Also a few large
wh. patches below middle and white
streaks on m-m. of duodenum.
M.E. →

Diagnosis E. necatrix, E. acervulina, E. maxima
Reported. Date 23 - VII - 47 By ESB

ralley

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23 - VII - 47 Accession No. 0390

From Rose Grendas

Address Akron, N.Y.

Breed W. 2. & N. H. No. 6 (A) Age 8-9 wks

Other Material 500 - had coccidiosis previously
and straightened out. This time they
have been dumpy, not eating well for
a week. Lost 50 or 60 (8-12 a day
last few days)

Postmortem

mm. in anterior half of small intestine
congested (3) & inflamed.
White spots visible from serosal
surface.

MF. heavy Capillaria columbae; E. necatrix
Diagnosis Capillaria columbae, E. necatrix

Reported. Date 23 - VII - 47 By GBM
orally

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 23 - VII - 47 Accession No. 0391
From Mary Wiley Phone: Woodlawn 0442
Address 551 East Lake Ave, Orchard Park, N.Y. after 4:30
Breed Barned Crosses No. 3 (D) Age 2½ - 3 weeks

Other Material 300 of these*. Battery broiler plant,
starting 200 - 300 every 3 weeks. Has
broilers up to 9 weeks.

*Mortality is in these and in 125
Light Sussex (3 wks.) Noticed one
last night "yawning". Has lost 6 of
the 125 Light Sussex in 4 days and
15 of the 300 Crosses in 6 days.

Postmortem

Congested livers (2).

All three birds show congestion

Diagnosis

Negative

Reported.

Date 29 VII - 47

By

ESB

in both lungs involving $\frac{1}{8}$ to $\frac{1}{2}$ of the lung tissue. Two birds show 2 or 3 lung abscesses, typical of pullorum abscesses.

Cult. livers

PL. AGAR } negative
S.S. AGAR }

Lung tissue in TT $\rightarrow$ S.S. AGAR - Negative

Department of Pathology and Bacteriology

POULTRY DISEASES

4026

Date. 23 - VII - 47 Accession No. 6392

From H.D. Kellogg

Address West Falls, N.Y.

Breed Banded Copper No. 5 (3 D) Age 8 weeks

Other Material 600 - on floor - shavings - picked up 37 dead this morn. Bloody droppings.

Ex. Exam - Bloody droppings.
Postmortem

Severe hemorrhagic typhilitis
Pinpoint wh. spots through serosal
surface of intestine.

Mild catarrhal enteritis.

ME. - E. tenella, E. maxima, E.
acervulina.

Diagnosis E. tenella, E. acervulina, E. maxima

Reported. Date 23 - VII - 47 By GRM

really

✓

Department of Pathology and Bacteriology

POULTRY DISEASES

4026

Date. 24 - VII - 47 Accession No. C393
 From Lewis Meyer (Lloyd Blankenberg)
 Address Williamsville, N.Y.
 Breed N. H. No. 4 (2D) Age 1-3 wks

Other Material Battery broiler plant starting
200 or 300 a week. In operation a couple
of years. 15% mortality for months,
perhaps, a year. Watery, dirty, and
stuck eyes observed. Mortality takes
place at 2 and 3 wks. of age.

Exam - Tracheal swabs (both live
chicks). Wet, dirty eyes. No nasal
exudate could be expressed but nevertheless
dirty around nostrils.

Diagnosis Infectious coryza

Reported. Date 25 - VII - 47 By W. J. Smith

✓

Postmortem

Framy and/or yellow matter (caseous)
in air sacs. (3)

thickened, opaque air sacs (2).

catarrhal tracheitis (2).

Mucopurulent material in nasal
passages (2) (live birds)

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date. 24-VII-47 Accession No. 0394
From Mrs. Scott Cooper (Lloyd Blankenberg)
Address Middleport, N.Y.
Breed N. H. No. 3 (10) Age 3 1/2 mos.
Other Material 300. Poor sanitary conditions.
Run out in small, muddy poultry yard used
for years. Dumpy. Lost 15. 75-100
more sick ones.

175 layers on place - 75 eggs
Thurs. or Fri. Yesterday - 7 eggs
Eaten - Thin, dumpy, soiled
feathers around vent.
Portwater

Very emaciated.

Narrow tapeworms appear to

Diagnosis Tapeworms, Capillaria columbae

Reported. Date 24-VII-47 By GBM

orally to Blankenberg

Davainea proglottina and Hymenolepis cariosa ✓

Long from m. of ant. one half of intestine

M.E. Tapeworms (Davainea proglottina
and Hymenolepis carioeca)
Cepillaria columbae

4680

POULTRY DISEASES

4026

Date 24 - VII - 47 Accession No. 0395
From F. A. Ruther
Address 35 Walnut St., East Aurora, N.Y.
Breed Red-Necked Crosses No. 1 (A) Age 2 $\frac{1}{2}$ months
Other Material 26 (had 50) lost only 1 first
month. Lost almost half of them in
June & July. The one bird brought in
is still in good flesh, but has been
inactive & dumpy acting for one or two
days.

Postmortem

Heavy sprinkling of pinpoint
yellowish spots on liver.

m.m. of intestine thickened,
congested in areas; catarrhal

Diagnosis Ascariasis, Capillaria columbae

Reported. Date 24 - VII - 47 By JSBm
rally

enteritis. One half dozen Ascaridia.
M.E. Capillaria columbae

Cult. liver PL. AGAR - }
5080 BL. AGAR - } negative

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 24 - VII - 47 Accession No. 0396
From Lloyd Jones Bros. 5 - 1 - 51R
Address Chase, N.Y.
Breed W.H. No. 1 (A) Age 5 months

Other Material

Egg from - Weak, dumpy
Postmortem

Cecal walls greatly thickened;
ceca packed with large, yellowish,
caseous plugs.

Liver mottled with creamy or
slightly yellowish areas with irregular
borders. Not typical of blackhead.
M.E. - Negative

Diagnosis

Blackhead

Reported. Date 25 - VII - 47 By GHDM
phone

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

✓
Date 24-VII-47 Accession No. 0397

From Clarence G. Anderson

Address R.D. 2, E. Buffalo St. Ext., Jamestown, N.Y.

Breed N. D. No. 4(A) Age 4 months

Other Material

Ex. Exam. All birds act lame
on one or both legs. One bird shows
both hock joints a little puffy.
Two birds have one " " " "

Postmortem

Purulent arthritis of hock joints (3)

Cult. joints (3) PL. 060R - Staphylococci
from one.

Diagnosis Staphylococci arthritis

Reported. Date 21-VIII-47 By JSD

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 24-VII-47 Accession No. 0398
From Mrs. W. Rea
Address 4271 Buffalo Rd., N. Chili, N.Y.
Breed N.H. No. 1 (D) Age 6 1/2 wks.
Other Material 51 - Did all right until 2
weeks ago. Lost 15. Dumpy, weak.
Postmortem

Intestine dilated, particularly in
middle third. Heavy sprinkling of
white spots of hemorrhages visible
through serosal surface.
M.E. E. necatrix

Diagnosis E. necatrix
Reported. Date 24-VII-47 By GBM
orally

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-VII-47 Accession No. 0399
From H. Z. Seeley
Address Ripley, N.Y.
Breed W. Z. No. 6(A) Age < 3 months
Other Material Bought 2,000 "12 wk" old
started pullets 2 weeks ago (16th)
from Rice Higham Farm. "Didn't
look bad" when he got them. There
were a few culls. He killed 40 or 50
of them during the 2 wks he has
had them. Dumpy, light.
Postmortem

Cecal enteritis, esp. in ant. 1/2
of intestine. M.M. thickened & rough.
M.F. E. acerulina, E. maxima
E. acerulina, E. maxima

Diagnosis

Reported. Date 29-VII-47 By JSB

only

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-VII-47 Accession No. 0400
From Charles Jeffers (G. C. Williams)
Address West Valley, N.Y.
Breed R. I. R. No. 2(A) Age 3½ - 4 months
Other Material Bought 2500 (as chicks) from Zacher
Poultry Farm about 125 of April. Only
½ % mort. A very few are now showing
leanness. (600 so).

Postmortem

Neurolymphomatosis - Sciatics,
obturator, intestinal nerve (1), brachial
plexuses, vagi.

Transv. wh. streaks on m.m. of
ant. ½ of intestine (1)

M.E. E. acervulina, a few E. maxima
Diagnosis Neurolymphomatosis, E. acervulina, E. maxima
Reported. Date 29-VII-47 By ISTBM

only to Williams

✓

Department of Pathology and Bacteriology
POULTRY DISEASES

4026

Date 29-VII-47 Accession No. 0451

From Ed. Osgood

Address Alben Rd., East Aurora 121 F 13

Breed W. 2 No. 4 (ID) Age 18 wks

Other Material 1100. Only one pen affected.
This one died on way to lab. Others
are sick. Just getting into production.
Postmortem

#1 (D) Dehydrated.

Crop sour

Catarrhal enteritis M.E. negative

#s 2, 3, & 4, Catarrhal enteritis; intestines
m.m. congested especially in anterior
1/2.

M.E. - Davainea proglottina

Diagnosis Davainea proglottina

Reported. Date 30-VII-47 By SDM

pkw