ALWAYS BRING THIS BOOK.

NOTES ON BOMBYCID LARVAE.

BY HARRISON G. DYAR, NEW YORK, N. Y.

IN ACCOUNT WITH

BARTON & WILLIAMS,

DEALERS IN

FINE GROCERIES,

FLOUR

OF ALL GRADES,

SELECTED TEAS, PURE COFFEES, AND SPICES,

Butter & Cheese,

CHOICE SYRUP & MOLASSES,

Canned Fruit in Variety.

ALSO

A complete assortment of Goods usually kept

in a First Class Store.
It

Felsted, on sample quantity. Blast Aug. 17th, 1791.

Ad planted, green, smooth, black, many hard

W. From broad, slender, folded & sep. Increa-

sed, the end pan of cold ever

undimentary.

Hair from very amounts

of more, rather long, stiff, blackish,

small, in unimpressive. Hard, gray

with a somewhat band (white? 2.5 y. gray-

as it was.) Contorted violently when touched, as

as it was."

Another all yellow (no black hair). With

white fringed. Part of leaves above, a little

whitish, mostly, and feet white in

the hands kept up a wide, deep, yellow

than the lateral vein slender, white

on each side.

328. SWORD. 827. 2/12. 1872. C. A. 6967

Heliocidota agaricoides
Calc. .42 .56 .75 1.0 1.35 1.8 2.4 (3.2) 70.75
Found — — — — 1.4 1.8 2.4 3.2

41.0% U X A

Phytophthora: on dogwood (Cornus nuttallii). is a
tissue meal of leaf folded/upward sides. and
whitish/gray-brown/gray; color mostly
white, mild, rounded smooth/pale yellow
yellowish mellow in lower third, almost a
white, join later with a brown soft texture
a distinct black patch covering sessilis; a few
pale hairs. Body blends gradually to a
white from the head, feel normal; follicles
into a clean, the seta short and obscure
translucent whitish, not many very small
white dots. The brown needles show done
black on one edge of a large amount of a
black spot and two smaller central ones
and all pale whitish. Length about 30 mm
on this side as before, very pale buff (Pl. 5:10)
white. or lower than it, smooth, fine, colored as
before, quartz crystalline black; the patch on
small, round, triangular. Body silky/soft
white, covered with many little white flecks
the black spots on 2 as before. Trace of a
white algal line, but this may be due to the
bacteria showing by transparency. Dental
vessel neither visible. Setae short, apparently
normal in arrangement. Fig. cones-longer.
[From 3.2]
[Shade from next leaf 25. 1.8, 2.4, 2.4]

Stages
Head as before; n 2.2 mm. Body smooth, ten
corneous opaque which with a darker ground
bargaining in the distinctly and in dark
cored, typically curved erect with white flecks
spined; pale orange as others, months, in the
black spots on it are now observed. A pair the
from head to 1.1 mm. body (Dec. Sept. 12)

whitish as before, very pale buff (Pl. 5:10)
whitish or lower than it, smooth, fine, colored as
before, quartz crystalline black; the patch on
small, round, triangular. Body silky/soft
white, covered with many little white flecks
the black spots on 2 as before. Trace of a
white algal line, but this may be due to the
bacteria showing by transparency. Dental
vessel neither visible. Setae short, apparently
normal in arrangement. Fig. cones-longer.
Egg, on slender end, spindle-shaped, pointed at both ends and flattened laterally; on 7-9 range, subcylindrical form with blunt end, distinctly oval. Color dark brown, becoming later; others yellow. 2.1 mm. 

Central tapetum: 0-7. Fine, almost invisible threads, were found. A. 6/22 91

Taphi: 0-7. Fine, almost invisible threads, were found. A. 6/22 91
Handed Old round, smooth, ochelo yellow just 3 mm. Body smooth, coronules of head (sclerites) absent about 6 in each joint. Ear off the head. Wondering green head at top large round and clean colored.

Hed. Hed. B 3 ra, C. L. I. F.

Green, leaf green, mouth parts yellow, many short hairs arising from black conical granulation. Body leaf green with a paler spot. Head and body coronules with conical black.

granulation, some of which are larger than spots and surrounded by paler will be shown. Face setae. Under the micro. this granulation arises from another green bases and the setae each terminates in a spherical clear droplet.

Hedging, Hed. 2.4 round, leaf green, thorax conical granules, conical granulation, bearing minute setae, coronules with head has a leaf. Dorsal one are blue black.
like juniper stage but the longitudinal white line are more distinct, consisting of a germinal area, broken, white and 3 lateral ones, and somewhat irregular ones, & at center 8-11 become darker & nearly white, looking like eggs. 

(Carya a.)

3.3 (× dead nics from a fruit)

\[ \text{Sample} = \text{Calc.}\] 0.84.2.

At the salt grass right on the beach Santa Barbara CA

Egg, Elliptic oval (1.07 by 0.3) flattened at base, armed slightly depressed 0.05 x 0.3 a notch.

Surface, slightly shining, and white, inner distinct white on top and in general indurated, lateral ridges in the side. Under microscope covered with little regular spaced net-like becomes less distinct.

Habitat: firm & as before mentioned.

At Impala, Brown 8 mm Loop Stage Ht. 45 hits on upper side of leaf near base in the gold - rounded D.

Dorsal, pointed ad remote lobes not separate, smooth dark brown, backside in front a small indurated shihted lid above; month - some minute pile. store of seeds up above back to body long cylindrical, 1 uniform age, flat normal but short, egg. incised shallow color uniform pale yellowish green, with dotted d. single 5SD, narrow, even yellowish lines. Anacot with large, circular, trigonaly, & broken a few in vain.

(Oct. 7) set released & very slight notched on center, somewhat shining, minutely fringed, and
A, I'm a writer. On a bed of grass, with a long, smooth, slender, cylindrical leaf, it is about an inch in length. The stem is green, with a short, slender, tapering, and projecting process like a horn. Projecting from the leaf, are several cases, and projecting, the leaf cases are elongated, a little broader than the true case, and the cases are elongated, overlapping, with a thin, smooth, dark green, with a very smooth, dark green dot. The pale yellow line on the leaf, is a little distinct, with the middle distinct, and the yellow line on the leaf, is a little distinct, with the edge defined by a darker green line than the external color. They begin on the external edge of the leaf, and curve in the external edge of the leaf, and curve in the external edge of the leaf.
Calyx nearly white, large, and somewhat broader than the corolla petals. The corolla petals are large and somewhat broader than the calyx. Another mound, No. 6, about 2.4 mm. thick, nearly ready to mount. No. 19, mounted (and glued from found fabric) tide 2.1. Perhaps eliptica?

Campbellia Jarozynskae, etc.

Little Nylea, on willow, Centruroides, New 2, 1891

Endascular, small round, pale brown, in 5 cm. Body stuck somewhat flattened, tapering a little at the way from middle with 3 mm. of large smooth shiny dark brown wart, which has been on the inside of the mouth a dark brown. Now: 5th, 2.5, 9, 4, on 2-4, etc. Lateral: 2-4 with some very minute wart, below it, large, deep brown with a whitish brown thin line traversing it. Col. 7: Myocard white, a wood brown 2.7 brown somewhat irregular, margin on 3 mm. and connected by a transparent bar over the 2 mm. brown, also on 5. Length: 37 mm., longer 5 mm. 7

Aub. 7, bark brown, hackberry a very whitish, pale green, somewhat darkened in the top, clay, scapes, scab, brown, mouth dark brown uncertain, [seen same] East (punte) on back side of leaf end divided by a small old dead corked line on entire length in gland leaves, etc.

Calyx only came is 1 mm. Body wide, thin, high, somewhat hairy, young at all, rust, 0. very.
Eggs on trees of willow laid in log strung across midrib. Egg oval, elongated, nearly spherical, but flattened at base. Smooth shiny under microscope, covered with minute, indistinct reticulated excrescences. Even when found blue gray, blackish at ventral surface; faint transparent yellowish frosted line on land a faint subapically streaked with pale brown, 6 mm long.

Hatchling 8 & 9 blackish belted, bulging. Mantle finches projecting, black, very shining, as 45 mm labrum longer than head. Cephalic tunics like lid. Body pale white, wants legs, as in adult. Horns, each bearing a long stiff black hair, slightly curved. Under the microscope they have been to be minutely bristled their whole length and the s-v ones are colorless with black bases. Pores in front and a few hairs on the head, Abd feebly belted. Should with whole outwardly.

F: 7

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<th>E: 4.8</th>
<th>5.6</th>
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The fruit large, black except at base below, few small hairs on fruit. Feet normal.

Red acentuate black. From mature, round.

Black red, independently, black, show white
figures, white, wingless, black, blackish white

White, dusky, a pale bluish. Hair long stuff.
Black scale, obscuring, pointed at the end.

Black bud, black, entire, blackish.

Mottled black, black, black, black, blackish, blackish

Black, black, black. Body scale fungoid.

Rack, rack, continuous, mid.

Black, blackish. Hair black, black, black, black.

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Egg from abdomen of cas. no. 680. [illegible]

Elliptical, flattened on the opposite sides and truncated on one end, the truncated end defined and slightly elevated around the depression, densely covered with hexagonal depression, the reticulation at the fovea of a brownish-white horn color extending to most of the egg. Color varies uniformly throughout, accompanied by a translucent yellow, yellow in color and length of thickness, 5 mm.

Under the microscope the hexagonal areas are seen to be formed by broad elevated reticulated lines, more or less granular and often broken. These elevations are creamy white, the truncated end (top) of the egg is peculiarly bare, an outer elevated ridge, an inner one below, which is a rug-like depression. The central elevation is hollowed, to form the unicuspid and the reticulation radiates around from this unicuspid, which in itself forms reticulated rings.

The animal has a good plan, attached to the ground, composed entirely of little in a dense nest, the strands thick. [illegible] single thread, found lying as if made of comic hole, low space enough to observe the inner: oblong rounded, colored white but irregular yellowish-stained. 0.340 mm.

The surface contains a slight matte inside. The egg is transparent to the eye, 0.60 mm thick. The outer surface is smooth, with a few spirals. The inner surface of the egg, the two pericarps, and eggs are found entirely calcified, the surface is smooth, its color is brown. Where the unicuspid is near, the inner is 0.16 mm in width. Above 0.14 mm.

The abdomen is covered with thin, short hairs. The body is smooth, white, white with a few black dots. The eggs are heavy, heavy. The eggs are heavy, yellowish, white. The head is firm, not more comfortable. The body is smooth, white, white with a few black dots. The abdomen is covered with thin, short hairs. The body is smooth, white, white with a few black dots.
developed with large hooks. The body armor has been white with black marks: capsule black.

Egg of Zoliqua on it - (2 eggs on body of larva)

Tablet, ovate (2 x 1.5), flat below, rounded above, smooth, shiny white, under the skin, very firm to the end, a 2.5 cm ridge. Width black. 9 mm

divided into annul which hexagonal areas, appearing.

The head black and normal. Head, elongated, nearly circular. L = 6, W = 3 mm. Head, by itself, with body, head and the central cuticle with a small spine from the point and. Eucanera canarica set.

336 Paper

Three narrow, black, enlarged, rounded, slight depression behind tibia, red, smooth, slightly flattened. Color, brownish yellowish with a purple stripe over the brown. 1.5, 1.0, and a purple band, dorsal line; a 2 cm broad, or purple brown spot, during the whole length, beside annul which act. The same.

The whole surface, near spinous, black. 9 x 9.5 mm.
Mitchella Macleayana Rutt

Jan. 3, 1900

Jan. 3, 1892. Sew together the leaf back to back behind the folded part with bands of several threads or internodes. Several together, each of mint-blackish foli and pale setae.? V. (Botry) on cocoon (?) palm. Boscobel, N.J.

Jan. 6, 1897. Very injurious. Cocoon very large. L. flax (Botry) on cocoon (?) palm. Boscobel, N.J.


A white line along the edge of leaf in a slight webby cocoon. L. (Botry) round, white. Several rather long hairs: minutely shorted, cut and concolorously bull rounded white. Pubescent. Pacific coast. A few lower webs, one above the latter another very near the median suture. Two more below the center. Elongate and almost contiguous, directed towards the side of head: ferrugineous brown. Black at base and white at base . . . . . W. Souza. Body elongate, elon. transparent and merely colored, etc.
green pod showing through. 13 divided by a moderately distinct suture and tracing another on 12. On the central segment 3 large egg-inoculated cupules. Hawaiian millet but almost perfectly flat, transparent except base. Hemispherical, flat at base, thin bottomed, corded, with minute reticulum seen with low power. Diam. 6 mm. Said with slight grey down on bottom.

watchful Feb. 3rd 1st pod. Black, shiny, lemon.

[5th ed. 3]

whorl 53.3 mm. Body small, quite perfect. whitish. 6.3 mm. Body small, pod perfect.

white tracheae showing by transparency of pod. normal. the black, the other whitish. Whitish. whitish. 4 mm. all pale. Length 32 mm. Paper cylindrical, slender, slight, tapering just beyond 1st pod. The antennae, leg cases, projecting beyond wing cases; antennae concealing, quite much flattened, terminating in several accessory spines. Color pale brown, darker in the abdominal culmen. L. 17 W 4 mm.

Damage Feb. 4, 1892, cat. no. 6927 = 6907

Calc. 36 55 83 12 (1.8) (2.75) ratio 46

Found 3 55 8 12 1.8 2.7 0

Oct 4 1893
the rest and tinged with yellow. The calyx persistent. Flower is fully formed, but

entered ground 0.1 8.8 calyx of usual shape

containing a separate, rather short calyx

foot, divided backward. Color light

brown uniform L 11 W 4.2 mm.

 גדול וירע 19.57. Carl. 692-90

egg at Kaawaloa, Kona, Hawaii. On fine ground

mark, yellowish. Matt, at base, dense yellowish

stipulated. 1 to 4 black-colored tufts, covered with

dense gray down. In large mass as stone

grass.

Laphygma flavinaula. Harvey

and J. B. Smith
Littlene 4-rounded, non-lustrous pale green, yellow, minute, a little darker on cell, continue with body, side at bottom, shining but distinctly annulated, much whitened. The food showing as dark green, a faint brownish white, well lighted, making it brown. Hyphal system thin, bluntly rounded. Black, mycelial, 1.5 mm. Width. Tell the head 1 mm. rounded, pale green, much less prominent than white granulations. Oscellate, black, body cylindrical, annulated, groundless, thin granulation, setigers, white to pale green, canale line. Black, atrophic, 2.5 mm. Tapering, greenish, with bluish touch. Hatched (Oct. 30). Externally white, but the body, 1.5 mm. Tapering, greenish, with bluish touch. Internally, black, conical, with bluish touch. Body, 2.5 mm. Tapering, groundless, thin granulation, weakly granulation, setigers, white to pale green, canale line. Black, atrophic, 2.5 mm. Tapering, greenish, with bluish touch.

Write superfamily faintly apodan (S44)

Enter the mouth with formed a well-digested roof, food, yellow, robust, eyes and joints very bushy (shoulder) prominent. Tongue close large, distant from the body, extending down to the middle of the base, then recurved along the body to near its origin; rounded and a little enlarged as the end. Abdomen, characters long, flat, anatomy lateral, winding in 4 minute spines. Abdomen read more oval, punctured in the numerous, color. Head and mouth of red. Decades on the 15 mm. code, cerebrum, muscle black. 2.5 mm. Width, 15 mm. Length. Tongue curve 47 mm. wide. 2.5 mm. Distance from origin of tongue curve to point where it is received 21 mm.; distance of tongue curve from body (before recurved) 53 mm.

Protozoa curvulata?

March 24, 1892, col. no. 7014.