R. T. Abbott
Field Record Book
November–December 1945
Sta. Nos. 257–293 (China)
FIELD BOOK
CHINA
R.T. ABBOTT, leg. Nov. 1945
257 Yonabaru, Okinawa 90t, Ryukyu 10b, Japan. Nov. 3 1945
Marine drift.
Squama collected Dec. 18 on my return to Guam.
Groove ditch along airfield on 11 miles east of Ch'ing-pu.

258 Hung-Fao Rd, 6 miles west of Shanghai American School, Shanghai, Kiangsi Prov., China. Nov. 9, 1945
Oncotelania common. Oncotelania along canal banks and on water edge for 2 feet upslope.
Always in relatively moist places, shaded by low growing weeds.

259 ½ mile west of Golf Links on Hung-Fao Rd, West Shanghai, Kiangsu Prov., China. Nov. 10, 1945
Stagnant ditch on south side of road.
7 ft wide, banks 6 ft high, sloping, moist 2 feet up.
Oncotelania
Crushed 32
pos. 0

260 Hung-Fao Rd, 10 miles east of Ch'ing-pu, west of Shanghai, Kiangsu Prov., China. Nov. 10, 1945
(2 miles west of 258) Group of houses known as Wang Hsi Tai.
Canal north side of road.
Oncotelania
Crushed 37
pos. 7
see map at end of this book.
2.61 Hung Yao Rd., 6 miles east of Ch'ing-p'iu, west of Shanghai, Kiangsu Prov., China. Nov. 10, 1945

Banks of canal crossing under road
(6 miles west of # 258)
Oncomelania
Completed 67
Per 0

2.62 Hung Yao Rd., 4 miles east of Ch'ing-p'iu, west of Shanghai, Kiangsu Prov., China. Nov. 10, 1945

Banks of canal crossing under road
(8 miles west of # 258)
Oncomelania abundant
Completed 57
Per 0

2.63 Hung Yao Rd., 2 miles east of Ch'ing-p'iu, west of Shanghai, Kiangsu Prov., China. Nov. 10, 1945

Banks of canal crossing under road
(10 miles west of #258)
Oncomelania matured 18
Per 0

2.64

3 miles south of Ch'ing-p'iu, Kiangsu Prov., China Nov. 17, 1945

Oncomelania - canal crossing road.
265 ⅔ mile south of Tung-ya Shan Mt., 5 mi. s.e. of Chang-hsiu, Kiangsu Prov., China. Nov. 17, 1945
Oncorhynchus - canal crossing

266 Small canal crossing road ⅔ mile north of Sung-Chiang, Kiangsu Prov., China. Nov. 18, 1945
Oncorhynchus

267 Huang-hsin Chiang R. 3 mile south of Sung-Chiang, Kiangsu Prov., China. Nov. 18, 1945
Synara

268 Railway Station at Sung-Chiang, Kiangsu Prov., China. Specimen Synara Nov. 18, 1945
269 RR station, 1/2 mi. north of Chia-shan, 10 mi. N.E. of Chia-Hsing (Kashing), Chekiang Prov., China. Nov. 18, 1945

O. melania on moist canal banks.

270 1 mile south east of Kutang, N.W. of Hang-chow, Chekiang Prov., China. Nov. 20, 1945

O. melania on west bank of canal

Creek has clear cold, relatively fast water.

Banks sloping, 5 feet high. Submollusks 1 to 1/2 in. wide.

271 Kutang, 6 km. N.W. of Pao Shui Pagoda, Hang-chow, Chekiang Prov., China. Nov. 20, 1945

Unio

no O. melania found.

Instructions: Claussaha

272 1 km. north of Lao Tung Yo, 9 km. due west of Pao Shui Pagoda, Hang-chow, Chekiang Prov., China. Nov. 20, 1945

O. melania on west bank of canal
273  270.3 km from Pao Shan Pagoda, Hang-chow and 130.212 km from Kufang, Chekiang Prov., China. Nov. 20, 1945

Syrena abundant on grass root and mud at edges of stream ditches on N.W. side of small village. Active. Cloudy, weather cool. Had rained the night before. Water clear, cold, running 5-7 knots.
No Oncomelania. Catricula collected. Also large ground snails uncommon.
64 Syrena caught, 0 infected

274 Between airfield and Chien-ch'iao chen, 1 mi. N.E. of Hang-chow, Chekiang Prov., China. Nov. 21, 1945

Oncomelania abundant on canal banks.

102 caught, 0 infected

275 Canal 1 mile west of Lin-Hia-ch'ien, 7 miles WNW of Hang-chow, Chekiang Prov., China. Nov. 22, 1945

Oncomelania on canal banks, common
100 caught, 0 infected

276 1 mile east of Lin-Hia-ch'ien, 9 miles WNW of Hang-chow, Chekiang Prov., China. Nov. 22, 1945

Oncomelania on canal banks, uncommon.
11 miles east of Lin-an, and 25 miles west of Hang-chow, Chekiang Prov., China. Nov. 23, 1945
Orymelania in brown grassy creek. Flow slow.
100 unmarked, 0 infected.

2.7 miles east of Lin-an, and 33 miles west of Hang-chow, Chekiang Prov., China. Nov. 23, 1945
Katayama abundant. On moist earth in small ditches in rice fields.
100 examined, 0 infected.

Katayama common in small brook ditch. No rice fields; rice fields.
100 examined, 1 infected Schistosoma all white, muscle, helminth in rice.

2.5 miles S.E. of Lin-an, 35 miles west of Hang-chow, Chekiang Prov., China. Nov. 23, 1945
Katayama common in small brook ditch running through rice fields. No rice fields.
Water clear, 5-6 knots flow. Water clear, 5-6 knots flow. Clear water. Schistosoma all white, muscle, helminth in rice.

South outskirts of Lin-an, 35 miles west of Hang-chow, Chekiang Prov., China. Nov. 23, 1945
Katayama common along water's edge of canal. No rice fields.
Water flowing about 5-6 knots. Water muddy to clear.
Clavilina Corticula
100 examined, 0 infected. All had white muscle, had small cercariae, black and eye-patched, large.
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Observations</th>
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<tbody>
<tr>
<td>284</td>
<td>Small pond at RR station, 1 mi. n. of Hsin-shan (Siao-shan), 7 miles S.E. of Hang-chow, Chekiang Prov., China. Nov. 28, 1945.</td>
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</table>

**Lake View Hotel Hill, north and West Lake (Hai Hu), Hang-chow, Chekiang Prov., China. Nov. 29, 1945.**

Just below hotel, on a sloping beach at (alt. approx. 75 and 50 feet from lake) there were two pools of semi-permanent water. 1. was in the shape of a ditch 20' long, 2' wide, 2' deep, running horizontally which contained cool clear water of ashing colour. There was no flow evident except for water seeping 25' below the ditch. Many large brown dead leaves in water on which swam many Gyrinids and no Hipshepnis. Pool 2 was much shallower, circular, 10' in diameter with banks 2' high and a depth of 3-4'. Water weedy alga and snails present. A few Gyrinids and large ephemerids of Hipshepnis collected.

Chironides and other land mollusks collected on a near ground beside old stone and mud walls, usually where there was a shaded cobble pile.

Shade prevalent, 2 clouds.
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<tr>
<td>285</td>
<td>West Lake (Hai hu), Hangchow, Chekiang Prov., China, Nov. 29, 1945</td>
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<tr>
<td></td>
<td>Stenothyra and Melania from northwest at west side of lake.</td>
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<td>286</td>
<td>4 miles S.E. of Nanking, Kiangsu Prov., China, Dec. 8, 1945</td>
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<tr>
<td></td>
<td>D'Orbignia, Bithynia.</td>
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<td>287</td>
<td>2 miles N.W. of Pucheng, off route Nanking, Kiangsu Prov., China. Dec. 1945</td>
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<tr>
<td></td>
<td>Viviparous, Bithynia, Unio &amp; Melania.</td>
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<td></td>
<td>A) semi-stagnant ditch—canal</td>
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<td>B) flowing, large canal 1/2 mile N.of A</td>
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<td>288</td>
<td>North bank of Yangtze River, Pucheng, opposite Nanking, Kiangsu Prov., China. Dec. 9, 1945</td>
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</tbody>
</table>
289. Hung-yar Road, 7 miles east of Chung-ju, west of Shanghai, Kiangsu Prov., China. Dec. 10, 1945.

This is a small ditch (4' x 5') 'grassy bank', completed, isolated just on the south and south side of the road. Water of ditch is added artificially from adjacent rice fields. When the farmer takes water from the canal, 1/2 mile south up to the rice fields.

Oncopelania & Bithynia found. Sequences very rare.

See note and map at end of this book. - canal collection 1/4 mile south of this ditch.

Oncopelania in semi-stagnant blind canal.

Bithynia


Oncopelania common along banks of canal. Water 30' deep, flows 3 knots off scour.


Syncera only.
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<th>月日考</th>
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<tbody>
<tr>
<td>293</td>
<td>Santa Rita village</td>
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Dec 22, 1945

Achurina, Batista
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1. Found just outside the H.W. city limit of Hong-chou. This area is midway between the 100 foot hill 1/2 mile to the south and the first west east canal 1/4 mile to the north. A fauna
was relatively plentiful (300 could be picked up in 1 hr) in a single, setting which extended for a distance of about 300 feet along a narrow, irregular chain of very small rice patches. Actually these rice strips were supplementary to the larger square rice fields. At the time of collecting (Nov. 25, 1944) the bottom and edges of these strips were moist and, in fact, it was evident that during rainy spells water flowed through them, and were often artificially directed into the adjacent rice fields. The snails were most abundant in the narrow ditch like strips where grass 3-5" high offered shade and helped retain moisture. In the wide areas, snails were found in fair numbers along the 6" high earth (muck) edges. Two specimens were located in the old rice clumps in the center of the wider areas (10 ft x 20 ft). The dried up "rice-ditch" ended at the edge of an ancient water multi that surrounded an island by river. The multi is approx. 30' wide and 3-6 (5') ft deep. Basal snails were found along the 3 ft most earth or grass banks. A search in nearly 50 locations failed to produce other specimens of C. parvus.

2. Horseshoe at the west side of the multi - this near the road and in a situation almost identical to the above mentioned multi. Locality a small colony of C. limbata (olive color, light colored animals) was found. Only about 50 specimens could be found in an area 5 ft x 3 ft, and probably the entire population was no more than 500. The specimens were very similar in size to animal characters to those collected abundantly along the canal banks at #1.

3. Fauna were actively moving around 3 to 5 inches off the ground after intermittent rains the night of Nov. 24. At #2 300 specimens were collected.
Obtain: "Schistosomiasis in the Shanghai Hills Region" by Kuang Wu.
Good illustrations of radulae variation.

<table>
<thead>
<tr>
<th>Date</th>
<th>Affairs</th>
<th>Amount (Mile)</th>
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<tbody>
<tr>
<td>Nov. 17</td>
<td>Friday, 8:20 Shanghai</td>
<td>2.74</td>
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<td></td>
<td>10:30 Min-Hang (on Whang-Poo)</td>
<td>2.93</td>
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<td>17:00 returned Shanghai</td>
<td>3.74</td>
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</table>

**Nov. 18 Sun.**
08:40 Shanghai
10:00 Sung-kiang
11:40 Ambulance put on train for Hangchow.
Arrived Hangchow Nov. 19, 02:00