

My recommendations for tree men and other persons not primarily engaged professionally in mosquito control are as follows:

1. *For residual work:* Spray screens, doorways, shady corners, sheds and foundations of buildings. If lawns or areas around buildings are sprayed, keep the spray as low as possible—close to the ground.

Do *not* spray large bodies of water, except with amounts that will not harm desirable fauna. Spraying of water on a large scale should be done only by experienced mosquito control men.

2. Do *not* spray vegetable or flower gardens, fruit trees, ornamentals or evergreens.

3. Do *not* try to treat large swamps, meadows or woods. Confine your efforts to structures like buildings, arenas, bandstands, grandstands and the like, and their immediate environs.

4. Except during an outbreak of cankerworm or gypsy or other caterpillars, do not spray any trees but elms.

5. Do not spray pastures or areas where animals are grazing or feeding.

6. Do not spray food products.

For general mosquito spraying on estates, the following method has proved most satisfactory.

1. Apply DDT to bases of buildings, screens, corners, outbuildings (inside and out) taking care that oil sprays do not get on vegetation, and that no spray falls on drinking water or fishponds or into food. This gives a residual effect of several days or more.

2. Apply rotenone-pyrethrum emulsion either by hydraulic power sprayer or mist-blower to lawns, shrubbery, and ground around the buildings. The effects are transient and should be timed to control a large flight of mosquitoes, or before a lawn party or outdoor meeting.

DISTRIBUTION RECORDS OF WEST TEXAS MOSQUITOES

R. B. EADS,¹ G. C. MENZIES,¹ AND L. J. OGDEN²

Although extensive mosquito surveys have been made in Texas in connection with disease vector control programs, population concentrations have made it necessary to expend a majority of the effort in the eastern half of the state. Mosquito distribution records, obtained as a result of these surveys, have been the subject of several reports, e.g., McGregor and Eads (1943) and O'Neill, Ogden, and Eyles (1944).

In an effort to overcome the dearth of information relative to species distribution in west Texas, New Jersey light traps were operated in about fifty counties

located in roughly the western half of the state in 1945 and 1946.

Male terminalia slides were studied whenever any doubt as to the specific status of a mosquito existed and are retained in the collection of the Texas State Department of Health.

Miss Kellie O'Neill, Miss Frances Willard, Mr. N. M. Randolph and Mr. T. McGregor, formerly associated with the Texas State Department of Health, have made valuable taxonomic contributions to this work. The widespread operation of the light traps was made possible by the excellent liaison work of the late Mr. Alvah Otting with local public officials.

The 40 species of mosquitoes included in the present series of records are as follows:

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Aedes aegypti Linnaeus, *A. alleni* Turner, *A. atropalpus* (Coquillett), *A. canadensis* (Theobald), *A. dorsalis* (Meigen), *A. nigromaculis* (Ludlow), *A. taeniorhynchus* (Wiedemann), *A. thelcter* Dyar, *A. triseriatus* (Say), *A. vexans* (Meigen).

Anopheles crucians Wiedemann, *A. pseudopunctipennis* Theobald, *A. punctipennis* (Say), *A. quadrimaculatus* Say.

Culex abominator Dyar and Knab, *C. coronator* Dyar and Knab, *C. erraticus* (Dyar and Knab), *C. nigripalpus* Theobald, *C. quinquefasciatus* Say, *C. restuans* Theobald, *C. salinarius* Coquillett, *C. stigmatosoma* Dyar, *C. tarsalis* Dyar, *C. territans* Walker.

Culiseta incidens (Thomson), *C. inornata* (Williston).

Deinocerites spanius (Dyar and Knab), *Mansonia perturbans* (Walker), *M. titillans* (Walker).

Orthopodomyia signifera (Coquillett).

Psorophora ciliata (Fabricius), *P. confinnis* (Lynch Arribalzaga), *P. cyanescens* (Coquillett), *P. discolor* (Coquillett), *P. ferox* (Humboldt), *P. signipennis* (Coquillett).

Toxorhynchites rutilus septentrionalis (Dyar and Knab).

Uranotaenia lowii Theobald, *U. sapphirina* (Osten Sacken), *U. syntheta* Dyar and Shannon.

Bailey County—Trap operated May–September 1945. Total mosquitoes taken—310. *Aedes vexans*—1, *Culex quinquefasciatus*—142, *C. tarsalis*—160, *Culiseta inornata*—1, and *Psorophora signipennis*—1. Damaged specimens not specifically determined—5.

Baylor County—Trap operated March–November 1945, and April–June 1946. Total mosquitoes taken—916. *Aedes alleni*—1, *A. dorsalis*—1, *A. nigromaculis*—264, *A. thelcter*—6, *A. vexans*—6, *Anopheles pseudopunctipennis*—6, *A. punctipennis*—3, *Culex erraticus*—18, *C. quinquefasciatus*—32, *C. restuans*—3, *C. tarsalis*—203, *Culiseta inornata*—43, *Orthopodomyia signifera*—2, *Psorophora ciliata*—6, *P. confinnis*—3, *P. cyanescens*—21, *P. discolor*—4, *P. signipennis*—213, *Uranotaenia*

lowii—1, and *U. syntheta*—3. Damaged specimens not specifically determined—77.

Brewster County—Trap operated June–November 1945, and May–September 1946. Total mosquitoes taken—593. *Aedes dorsalis*—10, *A. vexans*—2, *Anopheles pseudopunctipennis*—96, *Culex erraticus*—2, *C. quinquefasciatus*—99, *C. stigmatosoma*—2, *C. tarsalis*—142, *Culiseta inornata*—3, *Psorophora confinnis*—7, *P. cyanescens*—3, *P. discolor*—17, *P. signipennis*—181, and *Uranotaenia syntheta*—1. Damaged specimens not specifically determined—28.

Childress County—Trap operated October 1945, and May, June–October 1946. Total mosquitoes taken—54. *Aedes alleni*—1, *Anopheles punctipennis*—2, *A. quadrimaculatus*—1, *Culex erraticus*—7, *C. quinquefasciatus*—9, *C. tarsalis*—22, *Psorophora discolor*—2, and *P. signipennis*—10.

Coleman County—Trap operated February, April–October 1946. Total mosquitoes taken—474. *Aedes alleni*—1, *A. atropalpus*—4, *A. nigromaculis*—2, *A. triseriatus*—1, *A. vexans*—1, *Anopheles pseudopunctipennis*—37, *A. punctipennis*—40, *Culex abominator*—9, *C. erraticus*—66, *C. quinquefasciatus*—77, *C. stigmatosoma*—3, *C. tarsalis*—212, *Culiseta inornata*—21, *Orthopodomyia signifera*—1, *Psorophora ciliata*—1, *P. confinnis*—9, *P. cyanescens*—3, *P. discolor*—4, *P. signipennis*—32, and *Uranotaenia sapphirina*—1. Damaged specimens not specifically determined—40.

Culberson County—Trap operated July–October 1945, and April–July 1946. Total mosquitoes taken—387. *Aedes dorsalis*—14, *A. nigromaculis*—6, *Anopheles pseudopunctipennis*—6, *Culex quinquefasciatus*—56, *C. tarsalis*—178, *Culiseta inornata*—1, *Psorophora confinnis*—10, *P. discolor*—6, and *P. signipennis*—84. Damaged specimens not specifically determined—26.

Dickens County—Trap operated May–November 1945, and April–June 1946. Total mosquitoes taken—974. *Aedes dorsalis*—7, *A. nigromaculis*—50, *A. thelcter*—2, *A. vexans*—4, *Anopheles pseudo-*

punctipennis—3, *Culex erraticus*—9, *C. quinquefasciatus*—30, *C. tarsalis*—728, *Culiseta inornata*—4, *Psorophora ciliata*—10, *P. confinnis*—7, *P. cyanescens*—18, *P. discolor*—7, and *P. signipennis*—80. Damaged specimens not specifically determined—15.

Dimmit County—Trap operated May–October 1946. Total mosquitoes—2,169. *Aedes nigromaculis*—10, *A. thelcter*—4, *A. vexans*—9, *Anopheles pseudopunctipennis*—19, *A. punctipennis*—1, *A. quadrimaculatus*—5, *Culex coronator*—1, *C. erraticus*—56, *C. quinquefasciatus*—232, *C. tarsalis*—151, *Psorophora ciliata*—65, *P. confinnis*—145, *P. cyanescens*—246, *P. discolor*—90, *P. signipennis*—1, 118, *Uranotaenia lowii*—5, *U. sapphirina*—2, and *U. syntheta*—10.

Edwards County—Trap operated June–October 1945. Total mosquitoes—3,274. *Aedes atropalpus*—1, *A. vexans*—1, *Anopheles pseudopunctipennis*—1, *A. punctipennis*—1, *Culex erraticus*—1, *C. stigmatosoma*—1, *C. quinquefasciatus*—3, 140, *C. tarsalis*—27, *Culiseta inornata*—1, *Orthopodomyia signifera*—2, and *Psorophora signipennis*—3. Damaged specimens not specifically determined—95.

Erath County—Trap operated May–October 1945. Total mosquitoes—1,133. *Aedes aegypti*—3, *A. nigromaculis*—132, *A. vexans*—15, *Anopheles pseudopunctipennis*—3, *A. punctipennis*—7, *A. quadrimaculatus*—2, *Culex erraticus*—45, *C. quinquefasciatus*—42, *C. restuans*—4, *C. salinarius*—21, *C. tarsalis*—185, *Culiseta inornata*—12, *Psorophora ciliata*—5, *P. confinnis*—34, *P. cyanescens*—5, *P. discolor*—24, and *P. signipennis*—391. Damaged specimens not specifically determined—203.

Frio County—Trap operated April–October 1946. Total mosquitoes taken—1,677. *Aedes nigromaculis*—3, *A. thelcter*—53, *A. triseriatus*—1, *Anopheles crucians*—2, *A. pseudopunctipennis*—4, *A. punctipennis*—2, *Culex erraticus*—16, *C. quinquefasciatus*—1, *C. tarsalis*—79, *Mansonia titillans*—1, *Psorophora ciliata*—136, *P. confinnis*—49, *P. cyanescens*—577, *P. dis-*

color—257, *P. signipennis*—485, *Uranotaenia lowii*—2, and *U. syntheta*—9.

Gaines County—Trap operated June–November 1945, and June 1946. Total mosquitoes taken—176. *Aedes dorsalis*—7, *A. nigromaculis*—2, *Anopheles pseudopunctipennis*—3, *Culex tarsalis*—91, *C. quinquefasciatus*—57, *Culiseta inornata*—6, *Psorophora ciliata*—2, *P. signipennis*—5, and *Uranotaenia syntheta*—1. Damaged specimens not specifically determined—2.

Hale County—Trap operated May–October 1945, and April–July 1946. Total mosquitoes taken—4,782. *Aedes dorsalis*—1, *A. nigromaculis*—486, *A. vexans*—1, *Anopheles pseudopunctipennis*—6, *A. punctipennis*—1, *Culex quinquefasciatus*—11, *C. tarsalis*—3, 291, *Culiseta inornata*—18, *Psorophora ciliata*—17, *P. cyanescens*—9, *P. discolor*—5, *P. signipennis*—910, and *Uranotaenia syntheta*—1. Damaged specimens not specifically determined—25.

Hansford County—Trap operated March–July 1946. Total mosquitoes taken—45. *Aedes dorsalis*—9, *A. vexans*—1, *Culex tarsalis*—29, *Culiseta incidens*—2, *Psorophora confinnis*—2, and *P. signipennis*—2.

Howard County—Trap operated May–July 1945, and April–September 1946. Total mosquitoes taken—394. *Aedes nigromaculis*—1, *A. thelcter*—9, *Anopheles pseudopunctipennis*—50, *Culex erraticus*—12, *C. quinquefasciatus*—37, *C. tarsalis*—108, *Culiseta inornata*—7, *Psorophora ciliata*—3, *P. confinnis*—10, *P. cyanescens*—4, *P. discolor*—1, *P. signipennis*—148, and *Uranotaenia syntheta*—4.

Hudspeth County—Trap operated July–August and September 1945, and April–June 1946. Total mosquitoes taken—465. *Aedes dorsalis*—37, *A. vexans*—12, *Anopheles pseudopunctipennis*—19, *A. punctipennis*—2, *Culex salinarius*—1, *C. tarsalis*—131, *Culiseta inornata*—5, *Psorophora confinnis*—28, and *P. signipennis*—2. Damaged specimens not specifically determined—228.

Hutchinson County—Trap operated

July-August and September 1945, and April-June 1946. Total mosquitoes taken—163. *Aedes nigromaculis*—3, *A. vexans*—6, *Culex quinquefasciatus*—62, *C. tarsalis*—85, *Psorophora cyanoescens*—2, and *P. signipennis*—5.

Jim Wells County—Trap operated April-October 1946. Total mosquitoes taken—1,567. *Aedes nigromaculis*—10, *A. taeniorhynchus*—195, *A. thelcter*—250, *Anopheles crucians*—19, *A. pseudopunctipennis*—8, *A. quadrimaculatus*—3, *Culex erraticus*—164, *C. quinquefasciatus*—273, *C. stigmatosoma*—6, *C. tarsalis*—53, *Mansonia titillans*—4, *Psorophora ciliata*—8, *P. confinnis*—99, *P. cyanoescens*—333, *P. discolor*—66, *P. signipennis*—31, and *Uranotaenia lowii*—45.

Jones County—Trap operated April 1945, and April-September 1946. Total mosquitoes taken—220. *Aedes nigromaculis*—45, *A. vexans*—1, *Anopheles punctipennis*—2, *Culex quinquefasciatus*—64, *C. tarsalis*—60, *Culiseta inornata*—1, *Psorophora ciliata*—1, *P. cyanoescens*—1, *P. discolor*—7, and *P. signipennis*—38.

Kerr County—Trap operated June-November 1945, and April-September 1946. Total mosquitoes taken—254. *Aedes alleni*—1, *A. vexans*—1, *Anopheles pseudopunctipennis*—12, *A. punctipennis*—11, *Culex erraticus*—11, *C. quinquefasciatus*—163, *C. stigmatosoma*—21, *C. tarsalis*—22, *Culiseta inornata*—3, *Orthopodomyia signifera*—2, and *Psorophora signipennis*—7.

Kimble County—Trap operated June-November 1945, and February-September 1946. Total mosquitoes taken—1,959. *Aedes aegypti*—3, *A. alleni*—1, *A. dorsalis*—2, *A. nigromaculis*—3, *A. triseriatus*—19, *A. vexans*—337, *Anopheles pseudopunctipennis*—47, *A. punctipennis*—128, *Culex abominator*—9, *C. erraticus*—137, *C. nigripalpus*—1, *C. quinquefasciatus*—714, *C. salinarius*—5, *C. stigmatosoma*—112, *C. tarsalis*—86, *C. territans*—2, *Culiseta inornata*—109, *Orthopodomyia signifera*—4, *Psorophora ciliata*—37, *P. confinnis*—1, *P. cyanoescens*—60, *P. discolor*—10, *P. ferox*—1, *P. signipennis*—75,

Uranotaenia lowii—3, *U. sapphirina*—3, and *U. syntheta*—6. Damaged specimens not specifically determined—44.

Kleberg County—Trap operated April-September 1946. Total mosquitoes taken—349. *Aedes sollicitans*—6, *A. taeniorhynchus*—2, *A. thelcter*—40, *Anopheles pseudopunctipennis*—4, *A. quadrimaculatus*—1, *Culex erraticus*—65, *C. tarsalis*—3, *Deinocerites spanius*—4, *Mansonia titillans*—1, *Psorophora ciliata*—7, *P. confinnis*—108, *P. cyanoescens*—73, *P. discolor*—14, *P. signipennis*—11, and *Uranotaenia lowii*—10.

Live Oak County—Trap operated April-August 1946. Total mosquitoes taken—266. *Anopheles crucians*—1, *A. punctipennis*—1, *A. quadrimaculatus*—1, *Culex erraticus*—19, *C. quinquefasciatus*—9, *C. tarsalis*—4, *Psorophora ciliata*—5, *P. confinnis*—147, *P. cyanoescens*—45, and *P. signipennis*—34.

Lubbock County—Trap operated May-June 1945, and May-October 1946. Total mosquitoes taken—332. *Aedes dorsalis*—4, *A. nigromaculis*—4, *Anopheles pseudopunctipennis*—16, *Culex quinquefasciatus*—4, *C. restuans*—1, *C. tarsalis*—292, *Psorophora confinnis*—1, and *P. signipennis*—10.

Mason County—Trap operated June-October 1945, and April-July 1946. Total mosquitoes taken—305. *Aedes aegypti*—1, *A. vexans*—1, *Anopheles pseudopunctipennis*—3, *A. punctipennis*—19, *Culex abominator*—1, *C. erraticus*—31, *C. quinquefasciatus*—61, *C. stigmatosoma*—25, *C. tarsalis*—79, *Culiseta inornata*—22, *Psorophora cyanoescens*—1, *P. signipennis*—41, and *Uranotaenia syntheta*—1. Damaged specimens not specifically determined—19.

Maverick County—Trap operated June-November 1945, and February and April-September 1946. Total mosquitoes taken—1,384. *Aedes nigromaculis*—2, *A. vexans*—85, *A. thelcter*—228, *Anopheles pseudopunctipennis*—9, *Culex abominator*—1, *C. erraticus*—40, *C. quinquefasciatus*—187, *C. tarsalis*—70, *Culiseta inornata*—3, *Psorophora ciliata*—2, *P. confinnis*—

67, *P. discolor*—17, *P. cyanoescens*—49, and *P. signipennis*—624. Damaged specimens not specifically determined—10.

McCulloch County—Trap operated June–August and November 1945 and April–June 1946. Total mosquitoes taken—82. *Aedes vexans*—2, *Anopheles punctipennis*—2, *Culex erraticus*—13, *C. quinquefasciatus*—13, *C. salinarius*—1, *C. stigmatosoma*—1, *C. tarsalis*—13, *Culiseta inornata*—12, *Psorophora cyanoescens*—3, and *P. signipennis*—18. Damaged specimens not specifically determined—4.

Midland County—Trap operated June–August 1945, and March–June and August 1946. Total mosquitoes taken—965. *Aedes dorsalis*—348, *A. nigromaculis*—37, *Anopheles pseudopunctipennis*—5, *Culex quinquefasciatus*—19, *C. tarsalis*—503, *Psorophora confinnis*—2, *P. signipennis*—48, and *Uranotaenia syntheta*—3.

Nolan County—Trap operated June–November 1945, and May–June 1946. Total mosquitoes taken—177. *Aedes vexans*—7, *A. nigromaculis*—1, *A. thelcter*—1, *Anopheles pseudopunctipennis*—1, *A. punctipennis*—2, *A. quadrimaculatus*—1, *Culex erraticus*—4, *C. quinquefasciatus*—11, *C. salinarius*—1, *C. tarsalis*—35, *Culiseta inornata*—1, *Psorophora ciliata*—7, *P. confinnis*—6, *P. cyanoescens*—9, *P. discolor*—1, *P. signipennis*—74, and *Uranotaenia syntheta*—1. Damaged specimens not specifically determined—14.

Ochiltree County—Trap operated May and June 1945, and August and September 1946. Total mosquitoes taken—1,503. *Aedes dorsalis*—1,002, *A. nigromaculis*—42, *A. vexans*—27, *Culex quinquefasciatus*—25, *C. tarsalis*—369, *Culiseta inornata*—2, *Psorophora confinnis*—1, and *P. signipennis*—13. Damaged specimens not specifically determined—22.

Pecos County—Trap operated July–September 1945, and April–October 1946. Total mosquitoes taken—270. *Aedes nigromaculis*—57, *A. thelcter*—2, *Anopheles pseudopunctipennis*—14, *Culex erraticus*—2, *C. quinquefasciatus*—28, *C. stigmatosoma*—2, *C. tarsalis*—110, *Culiseta inornata*—1, *Psorophora ciliata*—3, *P.*

confinnis—17, *P. cyanoescens*—4, *P. discolor*—1, and *P. signipennis*—26. Damaged specimens not specifically determined—3.

Potter County—Trap operated May–September 1945. Total mosquitoes taken—76. *Aedes dorsalis*—1, *A. nigromaculis*—25, *A. vexans*—3, *Anopheles pseudopunctipennis*—1, *Culex tarsalis*—15, *Psorophora cyanoescens*—1, *P. discolor*—3, and *P. signipennis*—24. Damaged specimens not specifically determined—3.

Presidio County—Trap operated November 1945, and February–October 1946. Total mosquitoes taken—901. *Aedes dorsalis*—1, *A. thelcter*—12, *A. vexans*—389, *Anopheles pseudopunctipennis*—25, *Culex erraticus*—1, *C. quinquefasciatus*—38, *C. tarsalis*—250, *Culiseta inornata*—17, *Psorophora ciliata*—3, *P. confinnis*—63, *P. cyanoescens*—2, and *P. signipennis*—94. Damaged specimens not specifically determined—6.

Reeves County—Trap operated April–October 1945 and April–September 1946. Total mosquitoes taken—3,462. *Aedes dorsalis*—576, *A. nigromaculis*—180, *A. vexans*—13, *A. thelcter*—1, *Anopheles crucians*—1, *A. pseudopunctipennis*—274, *Culex erraticus*—114, *C. quinquefasciatus*—131, *C. stigmatosoma*—17, *C. tarsalis*—1,819, *Culiseta inornata*—55, *Psorophora confinnis*—3, *P. ciliata*—1, *P. cyanoescens*—4, *P. discolor*—2, *P. signipennis*—146, and *Uranotaenia syntheta*—19. Damaged specimens not specifically determined—106.

Runnels County—Trap operated June–November 1945, and February–August 1946. Total mosquitoes taken—1,228. *Aedes dorsalis*—1, *A. nigromaculis*—1, *A. vexans*—484, *Anopheles pseudopunctipennis*—18, *A. punctipennis*—18, *A. quadrimaculatus*—1, *Culex erraticus*—183, *C. quinquefasciatus*—33, *C. restuans*—2, *C. stigmatosoma*—5, *C. tarsalis*—279, *Culiseta inornata*—46, *Psorophora ciliata*—19, *P. confinnis*—1, *P. cyanoescens*—40, *P. discolor*—7, *P. signipennis*—74, and *Uranotaenia syntheta*—1. Damaged specimens not specifically determined—15.

San Saba County—Trap operated March–November 1945. Total mosquitoes taken—387. *Aedes alleni*—2, *A. vexans*—6, *Anopheles pseudopunctipennis*—1, *A. punctipennis*—10, *Culex erraticus*—4, *C. restuans*—4, *C. salinarius*—5, *C. tarsalis*—163, *C. quinquefasciatus*—106, *Culiseta inornata*—37, *Psorophora confinnis*—6, *P. discolor*—3, *P. signipennis*—21, and *Uranotaenia syntheta*—16. Damaged specimens not specifically determined—3.

Shackelford County—Trap operated March–July 1945. Total mosquitoes taken—2,225. *Aedes dorsalis*—1, *A. nigromaculis*—58, *A. thelcter*—1, *A. vexans*—6, *Anopheles pseudopunctipennis*—5, *A. punctipennis*—15, *Culex quinquefasciatus*—30, *C. erraticus*—22, *C. restuans*—2, *C. salinarius*—2, *C. stigmatosoma*—1, *C. tarsalis*—162, *Culiseta incidens*—1, *C. inornata*—3, *Psorophora ciliata*—35, *P. confinnis*—18, *P. cyanescens*—23, *P. discolor*—71, and *P. signipennis*—1,398. Damaged specimens not specifically determined—371.

Star County—Trap operated April–August 1946. Total mosquitoes taken—213. *Aedes scapularis*—3, *Anopheles pseudopunctipennis*—1, *A. quadrimaculatus*—1, *Culex coronator*—1, *C. erraticus*—12, *C. quinquefasciatus*—30, *Psorophora ciliata*—1, *P. confinnis*—3, *P. cyanescens*—9, *P. signipennis*—135, and *Uranotaenia lowii*—1. Damaged specimens not specifically determined—16.

Sutton County—Trap operated June, July and October, November, 1945, and May–July 1946. Total mosquitoes taken—529. *Aedes thelcter*—6, *A. vexans*—1, *A. alleni*—1, *A. atropalpus*—1, *A. nigromaculis*—2, *A. triseriatus*—2, *Anopheles pseudopunctipennis*—3, *A. punctipennis*—17, *Culex erraticus*—13, *C. quinquefasciatus*—357, *C. salinarius*—1, *C. stigmatosoma*—4, *C. tarsalis*—63, *Culiseta inornata*—5, *Orthopodomyia signifera*—1, *Psorophora cyanescens*—8, *P. signipennis*—35, and *Uranotaenia lowii*—1. Damaged specimens not specifically determined—8.

Terry County—Trap operated June–November 1945, and April–June 1946. Total mosquitoes taken—301. *Aedes dor-*

salis—200, *A. nigromaculis*—14, *Aedes vexans*—2, *Culex quinquefasciatus*—7, *C. tarsalis*—47, *Culiseta incidens*—2, *C. inornata*—1, *Psorophora confinnis*—1 and *P. signipennis*—19. Damaged specimens not specifically determined—8.

Tom Green County—Trap operated June–November 1945, and May–July 1946. Total mosquitoes taken—534. *Aedes vexans*—1, *A. nigromaculis*—1, *Anopheles pseudopunctipennis*—22, *A. punctipennis*—11, *Culex erraticus*—240, *C. quinquefasciatus*—32, *C. salinarius*—5, *C. stigmatosoma*—1, *C. tarsalis*—139, *Culiseta inornata*—2, *Psorophora ciliata*—3, *P. confinnis*—1, *P. cyanescens*—4, *P. discolor*—4, *P. signipennis*—45, and *Uranotaenia syntheta*—18. Damaged specimens not specifically determined—5.

Upton County—Trap operated July–September 1945, and January, August, and September, 1946. Total mosquitoes taken—1,521. *Aedes dorsalis*—17, *A. nigromaculis*—4, *A. vexans*—1, *Anopheles crucians*—3, *A. pseudopunctipennis*—1, *A. quadrimaculatus*—2, *Culex erraticus*—3, *C. quinquefasciatus*—27, *C. salinarius*—6, *C. tarsalis*—1,178, *Culiseta inornata*—16, *Mansonia perturbans*—5, *Psorophora confinnis*—12, *P. cyanescens*—12, *P. signipennis*—167, and *Uranotaenia sapphirina*—1. Damaged specimens not specifically determined—66.

Uvalde County—Trap operated June–November 1945, and February, April, and May, 1946. Total mosquitoes taken—565. *Aedes alleni*—2, *A. thelcter*—5, *A. vexans*—20, *Anopheles pseudopunctipennis*—6, *A. punctipennis*—10, *A. quadrimaculatus*—1, *Culex erraticus*—8, *C. quinquefasciatus*—363, *C. stigmatosoma*—2, *C. salinarius*—2, *C. tarsalis*—86, *Culiseta inornata*—8, *Psorophora ciliata*—7, *P. confinnis*—7, *P. cyanescens*—12, *P. discolor*—2, *P. signipennis*—4, and *Uranotaenia syntheta*—3. Damaged specimens not specifically determined—17.

Val Verde County—Trap operated June–November 1945, and January, February, April–June, 1946. Total mosquitoes taken—2,080. *Aedes alleni*—1, *A.*

vexans—6, *A. thelcter*—5, *Anopheles crucians*—2, *A. pseudopunctipennis*—223, *A. punctipennis*—222, *A. quadrimaculatus*—2, *Culex abominator*—1, *C. erraticus*—252, *C. nigripalpus*—1, *C. quinquefasciatus*—56, *C. restuans*—3, *C. tarsalis*—328, *Culiseta inornata*—136, *Psorophora ciliata*—3, *P. confinnis*—14, *P. cyanescens*—51, *P. discolor*—3, *P. signipennis*—744, and *Uranotaenia syntheta*—13. Damaged specimens not specifically determined—6.

Wheeler County—Trap operated May–November 1945, and April and June 1946. Total mosquitoes taken—532. *Aedes dorsalis*—6, *A. nigromaculis*—54, *A. vexans*—11, *Anopheles pseudopunctipennis*—4, *A. punctipennis*—1, *Culex erraticus*—3, *C. quinquefasciatus*—115, *C. restuans*—1, *C. salinarius*—2, *C. tarsalis*—198, *C. stigmatosoma*—1, *Culiseta inornata*—21, *Psorophora confinnis*—8, *P. cyanescens*—1, and *P. signipennis*—49. Damaged specimens not specifically determined—57.

Webb County—Trap operated April–October 1946. Total mosquitoes taken—353. *Aedes aegypti*—3, *A. vexans*—2, *A. thelcter*—25, *Anopheles pseudopunctipennis*—6, *Culex abominator*—2, *C. erraticus*

—4, *C. quinquefasciatus*—197, *C. tarsalis*—15, *Psorophora ciliata*—2, *P. confinnis*—11, and *P. signipennis*—80. Damaged specimens not specifically determined—6.

Wichita County—Trap operated March–August, October, 1945, and June 1946. Total mosquitoes taken—3,069. *Aedes nigromaculis*—507, *A. taeniorhynchus*—3, *A. triseriatus*—4, *A. vexans*—415, *Anopheles crucians*—2, *A. pseudopunctipennis*—4, *A. punctipennis*—4, *A. quadrimaculatus*—3, *Culex abominator*—3, *C. erraticus*—91, *C. quinquefasciatus*—55, *C. restuans*—31, *C. salinarius*—41, *C. tarsalis*—259, *Culiseta inornata*—41, *Toxorhynchites rutilus septentrionalis*—1, *Orthopodomyia signifera*—6, *Psorophora ciliata*—63, *P. confinnis*—649, *P. cyanescens*—53, *P. discolor*—6, *P. signipennis*—364, *Uranotaenia lowii*—1, and *U. syntheta*—5. Damaged specimens not specifically determined—458.

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