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OHA 246 Mosquito Control Lantern Slides

Accession Number: NA

Date of Records: 1930s

Size: 1 box, ¼ linear feet

Finding aid by: Hannah Vahle (2018)

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Restrictions: This collection is unrestricted.

Condition: No issues.

Historical Note: The Armed Forces Institute of Pathology created this slide set to train doctors and other military medical personnel on the history, management, and eradication of mosquitos, particularly those known to cause malaria and other infectious diseases. Many of the photographs were taken during World War II, when intense efforts were made to protect military and civilian populations from mosquito-borne diseases, as they could easily become epidemics in wartime conditions. It is unclear if the training slide set was created during World War II, when the photographs were taken, or several years later, using the wartime circumstances as a teaching tool.

Scope and Content Note: This collection consists of 74 lantern slides that depict mosquito control methods, with photographs showing mosquito identification, equipment, and eradication techniques.

BOX AND CONTENT LIST

Box 001:

00001 Lantern slide. Third Medical Laboratory: Mosquito.

00002 Lantern slide. Collecting adult mosquitos, New Jersey larvicide trap.

- 00003 Lantern slide. C-47 airplane spraying DDT oil solution over Saipan Island to kill Aedes mosquitos to control outbreak of dengue fever.
- 00004 Lantern slide. Army malaria control: Airplane dusting of swamp with Paris green to kill larvae. North Africa, 18 October 1943.
- 00005 Lantern slide. Method of spraying trees containing bromeliads with 5% Paris green. Courtesy of Colonel D. Stanton, M.C. Ector [Sector?] Surgeon, Trinidad sector and base command, Trinidad, B.W.
- 00006 Lantern slide. Method of Spraying trees containing bromeliads with 5% Paris green: Courtesy of Colonel D. Stanton, M.C. Ector [Sector?] Surgeon, Trinidad sector and base command, Trinidad, B.W.
- 00007 Lantern slide. Method of Spraying trees containing Bromeliads with 5% Paris Green: Courtesy of Colonel D. Stanton, M.C. Ector [Sector?] Surgeon, Trinidad sector and base command, Trinidad, B.W.
- 00008 Lantern slide. Army malaria control. Application of diesel oil on old wheel ruts. New Guinea, 6 February 1944.
- 00009 Lantern slide. Aerosol bomb, spray killing of mosquitos. Panama 1944.
- 00010 Lantern slide. Jungle net. Panama 1944.
- 00011 Lantern slide. Fighting anopheline mosquitoes with Paris green in Guadalcanal.
- 00012 Lantern slide. Mosquito survey, Panamanian jungle, 11 December 1942.
- 00013 Lantern slide. Mosquito larvae team, Australia.
- 00014 Lantern slide. Mosquito larvae team, Australia.
- 00015 Lantern slide. Army malaria control: swamp drainage project extending through camp to ocean. New Guinea, 6 February 1944.
- 00016 Lantern slide. Army malaria control: this man-made anopheles breeding place will need to be controlled. New Guinea, 6 February 1944.
- 00017 Lantern slide. Army malaria control: stream clogged by saga palms creating an anopheles breeding place. New Guinea, 6 February 1944.

- 00018 Lantern slide. Army malaria control: testing shaded stream for presence of anopheles larvae. New Guinea, 6 February 1944.
- 00019 Lantern slide. Depicting a wooden sign along a road, reading 'Enemy territory, mosquitoes attack here.'
- 00020 Lantern slide. Depicting a wooden sign along a road, reading 'Prevent malaria – Protect yourself.'
- 00021 Lantern slide. Army malaria control: personnel of the 17th Malaria Control Unit. 1st Lt. Dale A. Porter, SN.C., and Capt. WM.R. Harsfall, SN.C., Commanding. New Guinea, 6 February 1944.
- 00022 Lantern slide. Army malaria control – spraying water with kerosene larvicide. Australia, 25 September 1942.
- 00023 Lantern slide. Army malaria control: clearing stream. 5th Army, Italy, 26 April 1944.
- 00024 Lantern slide. Use of Freon-aerosol-insecticide dispenser in field.
- 00025 Lantern slide. Application of mosquito repellent.
- 00026 Lantern slide. Army malaria control – Paris green larvicide being dispensed from a rotary duster. 5th Army, Italy, 1 April 1944.
- 00027 Lantern slide. Army malaria control: drainage of jungle area containing anopheles breeding places in pot-holes and small ponds. New Guinea, 6 February 1944.
- 00028 Lantern slide. Army malaria control: personnel of 8th malaria control unit, Capt. Wm. R. Hardy, SN.C., Commanding. New Guinea, 6 February 1944.
- 00029 Lantern slide. Army malaria control: flooded jeep tracks, a man-made anopheles breeding place. New Guinea, 6 February 1944.
- 00030 Lantern slide. Army malaria control: jungle pool fairly well shaded, a good anopheles breeding place. New Guinea, 6 February 1944.
- 00031 Lantern slide. Army malaria control: inspecting anopheline breeding places in mangrove swamp. New Guinea, 6 February 1944.

- 00032 Lantern slide. Army malaria control: banks of stream cleared to permit oiling. New Guinea, 6 February 1944.
- 00033 Lantern slide. Army malaria control: flooded bomb crater, a potential anopheles breeding place. New Guinea, 6 February 1944.
- 00034 Lantern slide. Army malaria control: breeding area for anopheles mosquitoes. Orlando, Florida, 2 August 1944.
- 00035 Lantern slide. Army malaria control: swamp drainage project extending through camp to ocean. New Guinea, 6 February 1944.
- 00036 Lantern slide. Army malaria control: small bar pit near a road. New Guinea 6 February 1944.
- 00037 Lantern slide. Army malaria control: drainage ditch used to remove excess water and to concentrate remaining water for oiling. New Guinea, 6 February 1944.
- 00038 Lantern slide. Army malaria control: flooded wheel tracks, a typical man-made anopheles breeding place. New Guinea, 6 February 1944.
- 00039 Lantern slide. Army scrub typhus control: burning kunai grass to destroy mites that transmit scrub typhus. Goodenough Island, 4 January 1944.
- 00040 Lantern slide. Army malaria control: lecture on individual malaria protection, 1312th Eng. Reg. New Guinea, 6 February 1944.
- 00041 Lantern slide. Army malaria control: inspecting swamp drainage project. New Guinea, 6 February 1944.
- 00042 Lantern slide. Mosquito cycle. Sporozoites. Stained preparation of sporozoites.
- 00043 Lantern slide. Mosquito cycle sporozoites in salivary gland. Sporozoites both inside and outside in surrounding fluid.
- 00044 Lantern slide. Mosquito cycle sporozoites penetrating salivary gland. Clumps of sporozoites filament.
- 00045 Lantern slide. Mosquito cycle. Mature oocyst with sporozoite filaments in a single peripheral layer just prior to breaking up of and release of the parasites into body.

- 00046 Lantern slide. Mosquito cycle sporoblast developing sporozoites.
- 00047 Lantern slide. Mosquito cycle sporozoites after release from oocyst.
- 00048 Lantern slide. Mosquito cycle ruptured oocyst shell. Empty capsule after release of the sporozoites, 14 days after infection.
- 00049 Lantern slide. Col. J.S. Simmons, S.G.O. Washington.
- 00050 Lantern slide. Col. J.S. Simmons, S.G.O. Washington.
- 00051 Lantern slide. Col. J.S. Simmons, S.G.O. Washington.
- 00052 Lantern slide. Col. J.S. Simmons, S.G.O. Washington.
- 00053 Lantern slide. Col. J.S. Simmons, S.G.O. Washington.
- 00054 Lantern slide. From clinical parasitology: Craig and Faust. Lea and Febiger. Philadelphia 1937.
- 00055 Lantern slide. Life cycle of human malarial parasite. Plasmodium falciparum in man and the mosquito. From Wenyon: Protozoology, William Wood & Co. 1926.
- 00056 Lantern slide. Diagram depicting powder/spray treatment for large numbers of personnel.
- 00057 Lantern slide. Use of Freon-aerosol-insecticide dispenser in barracks.
- 00058 Lantern slide. User of Freon-aerosol-insecticide dispenser in field.
- 00059 Lantern slide. [No text present, drawing of a mosquito]
- 00060 Lantern slide. [No text present, drawing of a mosquito]
- 00061 Lantern slide. Army malaria control: anopheline larvae in dip from heavily infested pool. Orlando, Florida. 12 August 1944.
- 00062 Lantern slide. Close up of screen wire cage for test mosquitoes. 24th Malaria control unit. Hollandia, Dutch New Guinea 11 November 1944.

- 00063 Lantern slide. Kuni [kunai] grass application of cage containing mosquitoes for test of spraying effect. 24th Malaria control unit. Hollandia, Dutch New Guinea, 11 November 1944.
- 00064 Lantern slide. Close-up of breeding cages within burlap lean-to which is wetted for humidity control. 24th Malaria control unit. Hollandia, Dutch New Guinea, 11 November 1944.
- 00065 Lantern slide. Close up of pitcher plant, a natural breeding place for mosquitoes. (24th Malaria Control Unit. Hollandia, Dutch New Guinea.) 11 November 1944.
- 00066 Lantern slide. Interior view of the plant for chemically impregnating clothing at Base G. Hollandia, Dutch New Guinea, 8 October 1944.
- 00067 Lantern slide. Army malaria control: medical soldier sprays dugout with mosquito bomb. 5th Army, Italy, 1 April 1944.
- 00068 Lantern slide. Army malaria control: testing open, slightly shaded stream with grazzy [*sic*] margins for presence of anopheles larvae. (New Guinea 6 February 1944).
- 00069 Lantern slide. Nozzles of spraying equipment mounted beneath fuselage of 1-5 aircraft. 24th Malaria Control Unit. Hollandia, Dutch New Guinea, 11 November 1944.
- 00070 Lantern slide. Power sprayer, Ft. Leavenworth, Kans.
- 00071 Lantern slide. Typical breeding ground.
- 00072 Lantern slide. Breeding in non-tidal marshes, 1932, Ft. Dupont, Delaware.
- 00073 Lantern slide. Mixing larvicide, Fort Leavenworth, Kansas.
- 00074 Lantern slide. Mosquito control equipment warehouse and oil storage tanks, Cmp J.T. Robinson, Arkansas.