NEW AUG 0 2 1987

OHIO CLASSIFICATION SPECIFICATION *Developed for Equal Opportunity*	CLASS TITLE: Entomologist	CODE: 83231C
	MAJOR AGENCIES: County Offices, Universities	JURISDICTION: Cnty., Univ.

FUNCTION: Under general supervision from medical entomologist or other administrative supervisor, investigates public health pest & vector arthropod complaints (e.g., gathers data & collects specimens to determine incidence of vector born disease in vectors & veterbrates; identifies & classifies vector arthropods to be tested for arboviruses; analyzes data on insect distribution & habitat; evaluates effectiveness of control measures), maintains records of collection, processing & disposition of identified specimens & prepares reports on public health significance as guide to state & local health departments in vector control & surveillance programs;

PERFORMS RELATED DUTIES AS REQUIR

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1 (1107)	30-40	Investigates public health pest & vector arthropod complaints, gathers data on vector breeding potential, collects specimens for determination of incidence & intensity of vector borne disease in vectors & vertebrates, evaluates effectiveness of control measures & development of resistance in target species of arthropods & obtains pertinent data from interviews with doctors, hospitals, veterinarians & medical records.	Knowledge of (1) biological science (i.e. biology, zoology, ecology, entomology, microbiology, morphology, ecology), (2) field investigation techniques & use of field equipment, (3) agency, state &/or federal statutes, rules, regulations &/or procedures related to use & control of pesticides & equipment operation & maintenance*, (4) economic pesticides, (5) interviewing; ability to (6) define problems, collect data, establish facts & draw valid conclusions, (7) use proper research methods in gathering data, (8) gather, collate & classify information about data, people or things, (9) handle sensitive inquiries from & contacts with officials & general public.
2 123.1-7-17	30-40	Identifies adult & larval arthropods & analyzes data (e.g., species composition, abundance, environmental conditions); prepares reports from accumulated data, develops statements on significance of identified specimens as guide to state & local health departments for their vector control programs & resolution of complaints & prepares reports & publications for profes-	Knowledge of 1, 3*, 4, (10) written communication (e.g., English composition & grammar, technical writing, business communication); skill in (11) use of laboratory, equipment & related safety practices; ability to 7, 8, (12) understand

*Developed after employment

UNUSUAL WORKING CONDITIONS:	MINIMUM CLASS REQUIREMENTS: *(including license, if any.)*	TRAINING & DEVELOPMENT:
Biohazard conditions; vaccinations as appropriate; occasional extended work hours; may be required to travel.	10 courses in biological science (i.e., biology, zoology, ecology, entomology) that would provide education & training in economic entomology & insect pest management (i.e., pesticide use, application & storage & proper use & maintenance of equipment), medical entomology, systemic entomology, morphology, aquatic entomology, ecology, microbiology, field	Licensed by Department of Agriculture in use of pesticides as public operator.

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RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
		sional & scientific journals (e.g., use of biological & cultural methods in vector control, recommendations on methods to prevent importation & spread of injurious species).	somewhat abstract field of study (e.g., physics, chemistry), (13) write technical & scientific reports & position papers.
3	20-40	Consults with & trains state, local government & health department personnel in identification, survey, surveillance, prevention & control of arthropods & vector borne diseases (e.g., develops training aids & instructs in equipment use; maintenance of records for pesticide control; collection, processing & disposition of specimens); maintains library & reference file on pesticides, biological agents & equipment used in control of arthropods; maintains insectary of arthropods used for field & laboratory investigations & in training programs; participates in state arbovirus surveillance & consults with & assists local agencies in assessing vector potential & in formulating community vector control measures to avoid vector born disease outbreaks.	Knowledge of 1, 2, 3*, 4, (14) employee training & development*, (15) public relations; skill in 11; ability to 6, 7, 8, 9, 12.

(1108)

123:1-7-17

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UNUSUAL WORKING CONDITIONS:

MINIMUM CLASS REQUIREMENTS: *(including license, if any.)* biology investigation & research techniques, insect pathology, laboratory techniques & procedures, environmental science (or 12 mos. exp.); 1 course in written communication (e.g., English composition & grammar, technical writing, business communication) (or 1 mo. exp.); 1 course in public relations (or 1 mo. exp.); or equivalent.

TRAINING & DEVELOPMENT:

FORM ADM-4134

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