Senior Insect Biosystematist (Specialist) Department of Food and Agriculture

Essential Knowledge, Skills, Abilities, and Personal Characteristics Rating Results

 Knowledge of general principles and specialized and complex specific procedures and techniques used in identifying and curating a prescribed group of insects, oth arthropods or mollusks. Knowledge of various literature pertaining to entomology, agriculture, horticulture, and native plants. Knowledge of various web resources pertaining to entomology, agriculture, horticulture, and native plants. Knowledge of the relationship of plants, plant pests, and pest control to agriculture and the environment. Knowledge of laboratory and curatorial techniques. Knowledge of appropriate application of analytical tools/techniques for resolving morphological or molecular diagnostics. Knowledge to a high degree of specialization in a prescribed group of insects, oth arthropods, or mollusks. Knowledge of specialized and complex specific procedures and techniques used identifying and curating a prescribed group of insects, other arthropods, or mollusks. Knowledge of current research literature and trends applicable to the prescribed research area. Ability to demonstrate professional competence as a specialist in foreign and domestic members of a prescribed insect group. 	1	General knowledge of the taxonomy and economics of major plant pest insects,
and techniques used in identifying and curating a prescribed group of insects, oth arthropods or mollusks. Knowledge of various literature pertaining to entomology, agriculture, horticulture, and native plants. Knowledge of various web resources pertaining to entomology, agriculture, horticulture, and native plants. Knowledge of the relationship of plants, plant pests, and pest control to agriculture and the environment. Knowledge of laboratory and curatorial techniques. Knowledge of appropriate application of analytical tools/techniques for resolving morphological or molecular diagnostics. Knowledge to a high degree of specialization in a prescribed group of insects, oth arthropods, or mollusks. Knowledge of specialized and complex specific procedures and techniques used identifying and curating a prescribed group of insects, other arthropods, or mollusks. Knowledge of current research literature and trends applicable to the prescribed research area. Ability to demonstrate professional competence as a specialist in foreign and domestic members of a prescribed insect group.		other arthropods, and mollusks of California, the United States, and globally.
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research area. Ability to demonstrate professional competence as a specialist in foreign and domestic members of a prescribed insect group.	10	Knowledge of current research literature and trends applicable to the prescribed
domestic members of a prescribed insect group.		research area.
domestic members of a prescribed insect group.	11	Ability to demonstrate professional competence as a specialist in foreign and
40		domestic members of a prescribed insect group.
Ability to conduct highly specialized analysis and research.	12	Ability to conduct highly specialized analysis and research.
13 Ability to train technicians and other personnel in associated tasks	13	Ability to train to abnisiona and other neground in accomplish
Ability to train technicians and other personnel in associated tasks.		Ability to train technicians and other personnel in associated tasks.
Ability to make presentations to the general public (outreach), stakeholders, and	14	Ability to make presentations to the general public (outreach), stakeholders, and
clients.		clients.
Ability to liaise in a professional manner with county, state, federal representatives	15	Ability to liaise in a professional manner with county, state, federal representatives,
and the general public.		and the general public.