

Review of Buprestids in the Western North America:								14 Jan., 2008	
Supplemental to WFI revision submission for use by WFIWC Common Names Committee									
GENUS	Western Species	Common Name (bold is ESA or ESC approved ; normal is suggested and a CN proposal needed)	Other common names (suggested for use in WFI but no CN proposal warranted)	WFI COMMON NAME	ESA COMMON NAME	ESC COMMON NAME	common names from other sources (cite below)	Hosts	Western distribution (per WFI w/ additions)
Acmeaodera									
	<i>A. connexa</i> LeConte							<i>Quercus</i>	(widely distributed...)
This may be the only conifer-borer of this genus. <i>A. pulchella</i> is eastern species.									
Agrilus									
	<i>A. angelicus</i> Horn	Pacific flatheaded oak girdler		Pacific oak twig girdler				<i>Quercus</i>	Calif.
	<i>A. anxius</i> Gory	bronze birch borer		bronze birch borer	bronze birch borer	bronze birch borer		<i>Betula</i>	Alberta, British Columbia, Wash., Oreg., Idaho, Utah, S. Dak., and Colo.
	<i>A. arbuti</i> Fisher							<i>Arbutus menziesii</i> , and <i>Arctostaphylos</i>	Calif. and Oreg.
	<i>A. burkei</i> Fisher							<i>Alnus</i> (<i>Alnus rhombifolia</i>)	British Columbia, Wash., Oreg., Calif., Nev., Idaho, and Wyo. (West of the Rocky Mountains)
	<i>A. fulminans</i> Fisher							<i>Salix</i> and <i>Quercus</i>	Calif. and Oreg.
Note: Rick Westcott, buprestid taxonomist, notes that <i>A.granulatus</i> is polytypic - includes <i>A.granulatus granulatus</i>, <i>A. liragus</i>, and <i>A.populi</i> Fisher.									
add	<i>A. granulatus</i> (= <i>granulatus granulatus</i> ; = <i>liragus</i> Barter & Brown; = <i>populi</i> Fisher)							<i>Populus</i>	?? BC, Alberta, Saskatchewan, WA, OR, MT, ND, CO, UT, ID, CA
cut	<i>A. granulatus granulatus</i> (Say)		granulate poplar borer				granulate poplar borer (2)	<i>Populus</i>	Alberta, Mont., and Colo.
cut	<i>A. liragus</i> Barter and Brown	bronze poplar borer		bronze poplar borer	bronze poplar borer	bronze poplar borer	bronze poplar borer (2)	<i>Populus</i>	Saskatchewan, Alberta, British Columbia, N. Dak., Colo., Utah, and Oreg.
cut	<i>A. populi</i> Fisher						western poplar agrilus (2)	<i>Populus</i>	British Columbia, Wash., Oreg., Calif., Idaho, and Mont.
	<i>A. politus</i> (Say)	willow gall limb borer (ESC only) ; common flatheaded willow borer (Rick)					willow gall limb borer	<i>Salix</i> and <i>Acer</i>	Presumably wherever willow grows.
	<i>A. quercicola</i> Fisher							<i>Quercus</i>	Ariz., N. Mex., Colo., and Utah
	<i>A. difficilis</i> Gory	flatheaded honeylocust borer					honeylocust agrilus (2)	<i>Gleditsia triacanthos</i>	CO (UT and most states east of the Rockies)
	<i>A. planipennis</i> Fairmaire	emerald ash borer	(included as a possible invasive arriving in the W)		emerald ash borer	emerald ash borer		<i>Fraxinus</i> spp.	(exotic present in Eastern US and Canada with introduction possible/likely into Western state and provinces)
species not listed: <i>A. aurichalceus</i> Redtenbacher [rose stem girdler-AC], <i>Agrilus bilineatus</i> (Weber) [twolined chestnut borer-AC], <i>A. ruficollis</i> (Fabricius) [rednecked cane borer-AC], <i>A. sinuatus</i> (Oliver) [sinuate peartree borer-A]; also <i>A. acutipennis</i> , <i>A. difficilis</i>									

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Anthaxia										
	<i>A. aeneogaster</i> Laporte and Gory							conifers	Calif to BC and Idaho	
	<i>A. expansa</i> LeConte							conifers?	Northwestern US	
Buprestis										
	<i>B. adjecta</i> (LeConte)							<i>Pinus ponderosa</i> , <i>P. jeffreyi</i> , <i>P. contorta</i> , <i>Pseudotsuga menziesii</i> , British Columbia <i>Abies</i> , and <i>Picea</i>	Western States and British Columbia	
	<i>B. aurulenta</i> L. (ESC lists genus as <i>Cypricis</i>)	golden buprestid		golden buprestid	golden buprestid	golden buprestid		<i>Pinus</i> , <i>Pseudotsuga</i> , <i>Picea</i> , and <i>Abies</i>	Western States and British Columbia	
	<i>B. confluenta</i> Say							<i>Populus</i>	Western States, Alberta and British Columbia	
	<i>B. connexa</i> Horn							<i>Pinus ponderosa</i> and <i>P. jeffreyi</i>	Calif., Oreg., Wash., and Idaho	
	<i>B. fremontiae</i> Burke							<i>Fremontia californica</i>	Calif.	
	<i>B. gibbsi</i> (LeConte)							<i>Quercus</i>	Calif., Oreg., and Wash.	
	<i>B. intricata</i> Casey							<i>Pinus contorta</i>	Calif. to British Columbia, Wyo., and N. Mex.	
	<i>B. laeviventris</i> (LeConte)	western yellowmarked pine borer						<i>Pinus ponderosa</i> , <i>P. contorta</i> , <i>P. lambertiana</i> , other <i>Pinus</i> , and <i>Pseudotsuga menziesii</i>	Calif. to British Columbia, Mont., and Ariz.	
	<i>B. langi</i> Mannerheim							<i>Pseudotsuga menziesii</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , and <i>Abies</i>	Western States incl. Alaska and British Columbia	
Note species clarifications by Rick Westcott, buprestid taxonomist										
add	<i>B. lystrata</i> Casey (= <i>auctorum</i>) (in WFI as <i>B. lecontei</i>)	common black western buprestis						<i>Pinus</i> , <i>Pseudotsuga</i> , and <i>Abies</i>	Western States and British Columbia	
cut	<i>B. lecontei</i> Saunders (= <i>rusticorum</i> Kirby)	<i>[lecontei</i> Saunders preoccupied; the 'real' <i>B.rusticorum</i> is a synonym of eastern <i>B.maculiventris</i> Say.]							<i>Pinus</i> , <i>Pseudotsuga</i> , and <i>Abies</i>	Western States and British Columbia
	<i>B. nuttalli</i> Kirby							<i>Pinus ponderosa</i> and <i>Pseudotsuga menziesii</i>	Western States incl. Alaska and British Columbia	
	<i>B. prospera</i> Casey							<i>Pinus</i>	Ariz. and N. Mex.	
	<i>B. subornata</i> (LeConte)							<i>Pinus ponderosa</i> , <i>P. contorta</i> , <i>Pseudotsuga menziesii</i>	Western States and British Columbia	
	<i>B. viridisuturalis</i> Nicolay and Weiss							<i>Populus</i> and <i>Alnus</i>	Calif., Oreg., and Wash.	
species not listed: <i>B. apricans</i> Herbst [turpentine borer-A], <i>B. maculiventris</i> Say [ventrally-spotted buprestid-C]										

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Chrysophana									
	<i>C. placida</i> (LeConte)							<i>Abies, Pinus, Pseudotsuga menzeisii, Tsuga</i>	Canada, BC, USA CA CO, NM, OR, WA
	<i>C. conicola</i> Van Dyke	flatheaded cone borer		flatheaded cone borer	flatheaded cone borer			<i>Pinus attenuata, Pinus coulteri</i> (cones)	CA, OR
Cypriacis???									
Dicerca									
	<i>D. tenebrosa</i> (Kirby)	flatheaded conifer borer (ESC only)	(if 'gloomy borer' ESC would have to be changed)			flatheaded conifer borer	gloomy borer (1)	<i>Abies, Pinus, Picea, Pseudotsuga menzeisii</i>	Transcontinental species, occurs extensively in the western US and Canadian Provinces
	<i>D. tenebrica</i> (Kirby) (= <i>prolongata</i> LeConte)	flatheaded poplar borer (ESC only)				flatheaded poplar borer		<i>Populus, Salix</i>	Transcontinental species, occurs extensively in the western US and Canadian Provinces
species not listed: <i>D. divaricata</i> (Say) [flatheaded hardwood borer-C], <i>D. lurida</i> , <i>D. horni</i>									
Melanophila									
	<i>M. acuminata</i> (De Geer)	black fire beetle (ESC only)				black fire beetle		<i>Pinus ponderosa, P contorta</i>	Western States
	<i>M. consputa</i> (LeConte)	charcoal beetle		charcoal beetle	charcoal beetle			<i>Pinus ponderosa, P contorta, P. attenuata</i>	Western States
	<i>M. occidentalis</i> Obenberger							<i>Quercus, other broad leaved trees and shrubs</i>	Canada: BC, USA: AZ, CA, ID, OR, UT WA
species not listed: <i>M. atra</i> Gory, <i>M. atropurpurea</i> (Say), <i>M. notata</i> (Laporte & Gory)									
Phaenops (=Melanophila) (black smoke chasers) (3)									
	<i>P. californica</i> Van Dyke	California flatheaded borer		California flathead borer	California flathead borer			<i>Pinus lambertiana, P. coulteri, P. radiata, P. sabiniana, P attenuata</i>	CA, OR, ID, NV, WA
	<i>P. drummondi</i> (Kirby)	flatheaded fir borer		flathead fir borer	flathead fir borer			<i>Abies, Picea, Pinus, Pseudotsuga menzeisii, Larix occidentalis, Tsuga heterophylla</i>	Western States and Provinces including AK (also in E NA)
	<i>P. gentilis</i> (LeConte)	green flatheaded pine borer		flathead pine borer			European sp called flathead pine borer: <i>Chalcophora mariana</i>	<i>Pinus ponderosa, P. jeffreyi, P. lambertiana</i>	Canada: BC, western States
	<i>P. pini-edulis</i> Burke		spotted pinyon borer	flathead pi~nyon borer				<i>Pinus edulis</i> (Burke 1908)	AZ, CA, CO, NM, NV, TX, UT,
Poecilnota									

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	<i>P. cyanipes</i> (Say)							<i>Populus</i>	Western States and Provinces, east of the Pacific Coast mountains, east to Atlantic coast
	<i>P. montana</i> Chamberlin							<i>Populus trichocarpa</i>	Canada: BC, USA: CA, ID, MT, NV, OR WA
	<i>P. salicis</i> Chamberlain							<i>Salix</i>	Southern CA
Polycesta									
	<i>P. californica</i> LeConte							<i>Arbutus menziesii, Quercus, Populus, Alnus, Acer, Cercocarpus, and Salix</i>	Calif. and Oreg.
	<i>P. arizonica</i> Schaeffer							<i>Quercus</i>	Ariz. and N. Mex.
Trachykele									
	<i>T. blondeli</i> Marseul	western cedar borer		western cedar borer	western cedar borer	western cedar borer		<i>Thuja plicata, Juniperus sp., Cupressus sp., Liboedrus decurrens?</i>	Canada: BC, USA: AZ, CA, NM, OR, WA
	<i>T. hartmani</i> Burke							<i>Cupressus goveniana</i>	CA
	<i>T. nimbosa</i> Fall							<i>Tsuga mertensiana, Abies</i>	Canada: BC, USA: CA, ID, OR, WA
	<i>T. opulenta</i> Fall							<i>Sequoia gigantea, Libocedrus decurrens</i>	CA
(1)	Baker, W.L. 1972. Eastern forest Insects. USDA Forest Service, Miscellaneous Publication 1175, 642 pp.								
(2)	Solomon, J.D. 1995. Guide to insect borers of North American trees and shrubs. Agriculture Handbook 706. United States Department of Agriculture, Forest service: Washington, DC. 735 pp.								
(3)	Genus change based on: ICZN. 1996. Opinion 1826. <i>Melanophila</i> Escholtz, 1929 and <i>Phaenops</i> Dejean, 1833 (Insecta, Coleoptera): conserved by the designation of <i>Buprestis acuminata</i> DeGeer, 1774 as the type species of <i>Melanophila</i> . Bulletin of Zoological Nomenclature 53(1): 60-61								
	also not listed but in the ESA common names: <i>Chrysobothris tranquebarica</i> (Gmelin) [Australian pine borer]								