

Voucher specimens deposited in the Oregon State Arthropod Collection for Masters of Science Dissertation, forest pollinators (Hymenoptera, Apiformes)

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The specimens listed below were deposited in the Oregon State Arthropod Collection as voucher specimens for the Masters of Science dissertation, *Interactions between wild bee communities and Douglas-fir beetle (Dendroctonus pseudotsugae) populations in Douglas-fir (Pseudotsuga menziesii) forests of the Intermountain West* (Foote, 2019; Accession: OSAC_AC_2018_12_27-01-001). In total, 113 specimens, belonging to 66 distinct species-level taxa were deposited. Identifications were made by the author using available published keys, field guides and online resources in 2018. In some cases, identification to species was not possible and in these cases, morphospecies are listed.

Andrenidae

OSAC_0001085697	<i>Andrena cratagei</i>	OSAC_0001085705	<i>Andrena nivalis</i>
OSAC_0001085698	<i>Andrena cratagei</i>	OSAC_0001085706	<i>Andrena nivalis</i>
OSAC_0001085699	<i>Andrena cressonii</i>	OSAC_0001085707	<i>Andrena pallidifovea</i>
OSAC_0001085700	<i>Andrena cressonii</i>	OSAC_0001085708	<i>Andrena sublitis</i>
OSAC_0001085701	<i>Andrena helianthi</i>	OSAC_0001085709	<i>Andrena thaspia</i>
OSAC_0001085702	<i>Andrena helianthi</i>	OSAC_0001085710	<i>Andrena thaspia</i>
OSAC_0001085703	<i>Andrena latifrons</i>	OSAC_0001085711	<i>Andrena sp. 1</i>
OSAC_0001085704	<i>Andrena latifrons</i>	OSAC_0001085712	<i>Calliopsis sp. 1</i>

Apidae

OSAC_0001085713	<i>Anthophora bombiodes</i>	OSAC_0001085740	<i>Bombus centralis</i>
OSAC_0001085729	<i>Anthophora occidentalis</i>	OSAC_0001085741	<i>Bombus flavifrons</i>
OSAC_0001085730	<i>Anthophora terminalis</i>	OSAC_0001085742	<i>Bombus flavifrons</i>
OSAC_0001085731	<i>Anthophora terminalis</i>	OSAC_0001085743	<i>Bombus griseocollis</i>
OSAC_0001085732	<i>Anthophora urbana</i>	OSAC_0001085744	<i>Bombus griseocollis</i>
OSAC_0001085733	<i>Anthophora ursina</i>	OSAC_0001085745	<i>Bombus huntii</i>
OSAC_0001085734	<i>Anthophora ursina</i>	OSAC_0001085746	<i>Bombus huntii</i>
OSAC_0001085735	<i>Bombus appositus</i>	OSAC_0001085747	<i>Bombus insularis</i>
OSAC_0001085736	<i>Bombus appositus</i>	OSAC_0001085748	<i>Bombus insularis</i>
OSAC_0001085737	<i>Bombus bifarius</i>	OSAC_0001085749	<i>Bombus mixtus</i>
OSAC_0001085738	<i>Bombus bifarius</i>	OSAC_0001085750	<i>Bombus mixtus</i>
OSAC_0001085739	<i>Bombus centralis</i>	OSAC_0001085751	<i>Bombus nevadensis</i>

Apidae (continued)

OSAC_0001085752	<i>Bombus nevadensis</i>	OSAC_0001085760	<i>Ceratina nanula</i>
OSAC_0001085753	<i>Bombus occidentalis</i>	OSAC_0001085761	<i>Diadasia diminuta</i>
OSAC_0001085754	<i>Bombus occidentalis</i>	OSAC_0001085762	<i>Diadasia diminuta</i>
OSAC_0001085755	<i>Ceratina ancantha</i>	OSAC_0001085763	<i>Eucera frater</i>
OSAC_0001085756	<i>Ceratina ancantha</i>	OSAC_0001085764	<i>Eucera edwardsii</i>
OSAC_0001085757	<i>Ceratina neomexicana</i>	OSAC_0001085765	<i>Eucera</i> sp. 1
OSAC_0001085758	<i>Ceratina neomexicana</i>	OSAC_0001085766	<i>Habropoda tristissima</i>
OSAC_0001085759	<i>Ceratina nanula</i>	OSAC_0001085767	<i>Habropoda tristissima</i>

Colletidae

OSAC_0001085768	<i>Hylaeus pacificum</i>
OSAC_0001085769	<i>Hylaeus verticalis</i>
OSAC_0001085770	<i>Hylaeus verticalis</i>

Halictidae

OSAC_0001085771	<i>Agapostemon femoratus</i>	OSAC_0001085783	<i>Lasioglossum olympiae</i>
OSAC_0001085772	<i>Halictus farinosus</i>	OSAC_0001085784	<i>Lasioglossum paraforbesii</i>
OSAC_0001085773	<i>Halictus farinosus</i>	OSAC_0001085785	<i>Lasioglossum paraforbesii</i>
OSAC_0001085774	<i>Halictus ligatus</i>	OSAC_0001085786	<i>Lasioglossum (Dialictus)</i> sp. 1
OSAC_0001085775	<i>Halictus ligatus</i>	OSAC_0001085787	<i>Lasioglossum (Dialictus)</i> sp. 1
OSAC_0001085776	<i>Halictus rubicundus</i>	OSAC_0001085788	<i>Lasioglossum (Dialictus)</i> sp. 2
OSAC_0001085777	<i>Halictus rubicundus</i>	OSAC_0001085789	<i>Lasioglossum (Dialictus)</i> sp. 2
OSAC_0001085778	<i>Lasioglossum anhyops</i>	OSAC_0001085790	<i>Lasioglossum (Dialictus)</i> sp. 3
OSAC_0001085779	<i>Lasioglossum anhyops</i>	OSAC_0001085791	<i>Lasioglossum (Dialictus)</i> sp. 3
OSAC_0001085780	<i>Lasioglossum athabanse</i>	OSAC_0001085792	<i>Lasioglossum (Dialictus)</i> sp. 4
OSAC_0001085781	<i>Lasioglossum athabanse</i>	OSAC_0001085793	<i>Lasioglossum (Dialictus)</i> sp. 4
OSAC_0001085782	<i>Lasioglossum olympiae</i>		

Megachilidae

OSAC_0001085794	<i>Anthidium momorum</i>	OSAC_0001085811	<i>Osmia bucephala</i>
OSAC_0001085795	<i>Anthidium momorum</i>	OSAC_0001085812	<i>Osmia bucephala</i>
OSAC_0001085796	<i>Anthidium utahense</i>	OSAC_0001085813	<i>Osmia caurulescens</i>
OSAC_0001085797	<i>Anthidium utahense</i>	OSAC_0001085814	<i>Osmia coloradensis</i>
OSAC_0001085798	<i>Ashmeadiella timberlakei</i>	OSAC_0001085815	<i>Osmia coloradensis</i>
OSAC_0001085799	<i>Chelostoma phaceliae</i>	OSAC_0001085816	<i>Osmia proxima</i>
OSAC_0001085800	<i>Duforea maura</i>	OSAC_0001085817	<i>Osmia proxima</i>
OSAC_0001085801	<i>Duforea maura</i>	OSAC_0001085818	<i>Osmia simillima</i>
OSAC_0001085802	<i>Hoplitis albifrons</i>	OSAC_0001085819	<i>Osmia simillima</i>
OSAC_0001085803	<i>Hoplitis albifrons</i>	OSAC_0001085820	<i>Osmia vandykei</i> or <i>Osmia sandhouseae</i>
OSAC_0001085804	<i>Hoplitis fulgida</i>	OSAC_0001085821	<i>Osmia vandykei</i> or <i>Osmia sandhouseae</i>
OSAC_0001085805	<i>Hoplitis fulgida</i>		
OSAC_0001085806	<i>Hoplitis producta</i>		
OSAC_0001085807	<i>Megachile montivaga</i>	OSAC_0001085822	<i>Osmia</i> sp. 1
OSAC_0001085808	<i>Megachile perihirta</i>	OSAC_0001085823	<i>Osmia</i> sp. 1
OSAC_0001085809	<i>Megachile perihirta</i>	OSAC_0001085824	<i>Osmia</i> sp. 2
OSAC_0001085810	<i>Osmia aglaia</i>		

References

Foote, G. G. (2019). Interactions between wild bee communities and Douglas-fir beetle (*Dendroctonus pseudotsugae*) populations in Douglas-fir (*Pseudotsuga menziesii*) forests of the Intermountain West. Dissertation (MSc), Oregon State University. Department of Forest Ecosystems and Society. Corvallis. OR.