

Guide to the Identification Resources for the Megachilid Bees of the PNW

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https://idtools.org/exotic_bee/

https://www.discoverlife.org/mp/20q?guide=Osmia_femaltemp
[Portman 2021 Documenting Plagiarism in a bee taxonomy paper](#)

Anthidiellum (Loyolanthidium)

Grigarick and Stange 1968 Pollen collecting bees of the Anthidiini of California.pdf

Anthidium (Anthidium)

Gonzalez and Griswold 2013 Wool carder bees of the genus Anthidium in the Western Hemisphere.pdf

Anthidium (Callanthidium)

Gonzalez and Griswold 2013 Wool carder bees of the genus Anthidium in the Western Hemisphere.pdf

Ashmeadiella (Arogochila)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Ashmeadiella (Ashmeadiella)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Atoposmia (Atoposmia)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Atoposmia (Hexosmia)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Chelostoma (Foveosmia)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Michener 1938 American Bees of the Genus Chelostoma.pdf

Coelioxys (Boreocoelioxys)

Baker 1975 Taxonomy of 5 Nearctic Subgenera of Coelioxys.pdf

Coelioxys (Coelioxys)

Baker 1975 Taxonomy of 5 Nearctic Subgenera of Coelioxys.pdf

Coelioxys (Cyrtocoelioxys)

Baker 1975 Taxonomy of 5 Nearctic Subgenera of Coelioxys.pdf

Coelioxys (Synocoelioxys)

Baker 1975 Taxonomy of 5 Nearctic Subgenera of Coelioxys.pdf

Coelioxys (Xerocoelioxys)

Baker 1975 Taxonomy of 5 Nearctic Subgenera of Coelioxys.pdf

Dianthidium (Dianthidium)

Grigarick and Stange 1968 Pollen collecting bees of the Anthidiini of California.pdf

Heriades (Neotrypetes)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Hoplitis (Acrosmia)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Griswold 1983 Revision of Proteriades Subgenus Acrosmia Michener.pdf

Hoplitis (Alcidamea)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Hoplitis (Cyrtosmia)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Hoplitis (Formicapis)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Hoplitis (Hoplitina)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Hoplitis (Monumetha)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Hoplitis (Proteriades)

Hurd and Michener 1955 Megachiline Bees of California.pdf

Timberlake and Michener 1950 The Bees of the Genus Proteriades.pdf

Lithurgus (Lithurgopsis)

Michener 2007 The Bees of the World.pdf

Snelling 1986 The taxonomic status of two North American Lithurge

Megachile (Chelostomoides)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Mitchell 1937 A revision of the Genus *Megachile* in the Nearctic Region. Part VIII Chelostomoides.pdf

Megachile (Argyropile)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Mitchell 1937 A revision of the Genus *Megachile* in the Nearctic Region. Part VI Argyr, Lepto, Pseudo, Acent, and Melanosarus.pdf

Megachile (Eutricharaea)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Megachile (Litomegachile)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

Bzdyk 2012 A revision of the *Megachile* subgenus *Litomegachile* Mitchell with an illustrated key and description of a new species.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Megachile (Megachile)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Megachile (Megachiloides)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Mitchell 1936 A revision of the Genus *Megachile* in the Nearctic Region. Part IV Xanthosarus, Phaenosarus, *Megachiloides* and *Dero*.pdf

Megachile (Sayapis)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Megachile (Xanthosarus)

Michener 2007 The Bees of the World.pdf

Sheffield 2011 Leafcutter and Mason bees of the genus *Megachile* in Canada and Alaska.pdf

see also Sheffield 2020 Corrigendum Leafcutter and mason bees of the genus *Megachile* in Canada and Alaska.pdf

Osmia (Acanthosmioides)

Rightmyer Griswold and Brady 2013 Phylogeny and systematics of the bee genus *Osmia* with emphasis on North American *Melanosmia*.pdf

White 1952 A revision of the Genus *Osmia* Subgenus *Acanthosmioides*.pdf

Osmia (Cephalosmia)

Rightmyer Griswold and Brady 2013 Phylogeny and systematics of the bee genus *Osmia* with emphasis on North American *Melanosmia*.pdf

Rust 1974 The Systematics and Biology of the genus *Osmia*, Subgenera *Osmia*, *Chalcosmia*, and *cephalosmia* FIXED.pdf

Osmia (Helicosmia)

Rightmyer Griswold and Brady 2013 Phylogeny and systematics of the bee genus *Osmia* with emphasis on North American *Melanosmia*.pdf

Rust 1974 The Systematics and Biology of the genus *Osmia*, Subgenera *Osmia*, *Chalcosmia*, and *cephalosmia* FIXED.pdf

Osmia (Melanosmia)

Rightmyer Griswold and Brady 2013 Phylogeny and systematics of the bee genus *Osmia* with emphasis on North American *Melanosmia*.pdf

Rightmyer 2010 A review of the nonmetallic *osmia*.pdf

Sinha and Michener 1958 A Revision of the genus *Osmia* subgenus *Centrosmia*.pdf

Osmia (Mystacosmia)

Rightmyer Griswold and Brady 2013 Phylogeny and systematics of the bee genus *Osmia* with emphasis on North American *Melanosmia*.pdf

Osmia (Osmia)

Rightmyer Griswold and Brady 2013 Phylogeny and systematics of the bee genus *Osmia* with emphasis on North American *Melanosmia*.pdf

Rust 1974 The Systematics and Biology of the genus *Osmia*, Subgenera *Osmia*, *Chalcosmia*, and *cephalosmia* FIXED.pdf

Protosmia (Chelostomopsis)

Michener 2007 The Bees of the World.pdf
Key to PNW genera

Stelis (Dolichostelis)

Michener 2007 The Bees of the World.pdf

Stelis (Stelis)

Michener 2007 The Bees of the World.pdf

Trachusa (Heteranthidium)

Grigarick and Stange 1968 Pollen collecting bees of the Anthidiini of California.pdf