



Bumblebees of Vermont
Vermont Natural Heritage Inventory
Vermont Fish & Wildlife Department
07 December 2022



Scientific Name	English Name	State Rank	Global Rank	State Status	Federal Status	SGCN
<i>Bombus affinis</i>	Rusty-patched Bumble Bee	SX	G2	E	E	SGCN
<i>Bombus ashtoni</i> (<i>Bombus bohemicus</i>)	Ashton Cuckoo Bumble Bee	SX	GNR	E		SGCN
<i>Bombus auricomus</i>	Black and Gold Bumble Bee	SU	G5			
<i>Bombus bimaculatus</i>	Two-spotted Bumble Bee	S5	G5			
<i>Bombus borealis</i>	Northern Amber Bumble Bee	S4	G4G5			
<i>Bombus citrinus</i>	Lemon Cuckoo Bumble Bee	S2	G4			SGCN
<i>Bombus fervidus</i>	Yellow Bumble Bee	S2	G3G4			SGCN
<i>Bombus flavidus</i> (<i>Bombus fernaldae</i>)	Fernald's Cuckoo Bumble Bee	S3	G5?			SGCN
<i>Bombus griseocollis</i>	Brown-belted Bumble Bee	S4	G5			
<i>Bombus impatiens</i>	Common Eastern Bumble Bee	S5	G5			
<i>Bombus pensylvanicus</i>	American Bumble Bee	S1	G3G4	E	UR	SGCN
<i>Bombus perplexus</i>	Confusing Bumble Bee	S4	G5			SGCN
<i>Bombus rufocinctus</i>	Red-belted Bumble Bee	S3	G5			SGCN
<i>Bombus sandersoni</i>	Sanderson Bumble Bee	S3	G5			
<i>Bombus ternarius</i>	Orange-belted Bumble Bee	S5	G5			
<i>Bombus terricola</i>	Yellow-banded Bumble Bee	S3	G3G4	T		SGCN
<i>Bombus vagans</i>	Half-black Bumble Bee	S5	G4			

Species: 17

Explanation of Legal Status and Information Ranks

State Rank and Global Rank - The rarity (abundance) or endangerment of a native taxon within Vermont's geographic boundary or throughout its range, respectively. Ranks are as follows:

1 - Very rare (Critically imperiled): At very high risk of extinction or extirpation due to extreme rarity (often 5 or fewer populations or occurrences), very steep declines, or other factors

2 - Rare (Imperiled): At high risk of extinction or extirpation due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors

3 - Uncommon (Vulnerable): Moderate risk of extinction\extirpation due to restricted range, relatively few populations or occurrences (often 80 or fewer), recent and widespread declines, or other factors

4 - Common to uncommon (Apparently secure): locally common or widely scattered to uncommon, but not rare; some cause for long-term concern due to declines or other factors; or stable over many decades and not threatened but of restricted distribution or other factors

5 - Common (Secure): widespread and abundant

H - Possibly extinct/extirpated: Missing; known from only historical occurrences but hope of rediscovery

X - Presumed extinct/extirpated: Not located despite intensive searches, little likelihood of rediscovery

U - Unrankable: Currently unrankable due to lack of information or conflicting information about status or trends

NR - Not ranked: Not yet assessed

NA - Not applicable. Element is not a suitable target for conservation for one of the following reasons: Hybrid, Exotic Origin, Accidental/Nonregular, Not Confidently Present, No Definable Occurrences

The following may follow a numeric rank to provide further information:

? - indicates uncertainty about the rank; may also be expressed in the form of a range rank (e.g. S1S3)

T - For global ranks only, indicates an infraspecies.

Q - For global ranks only, indicates questionable taxonomy.

State Status - Legal protection under Vermont Endangered Species Law (10 V.S.A. Chap. 123) or informational category (not established by law)

E = Endangered: in immediate danger of becoming extirpated in the state

T = Threatened: with high possibility of becoming endangered in the near future

SC = Special Concern: status should be watched (does not denote legal protection)

RDL = Recommended (by Endangered Species Committee) for Delisting

RE = Recommended (by Endangered Species Committee) for Endangered Status

RT = Recommended (by Endangered Species Committee) for Threatened Status

PDL = Proposed (by Agency of Natural Resources Secretary) for Delisting

PE = Proposed (by Agency of Natural Resources Secretary) for Endangered Status

PT = Proposed (by Agency of Natural Resources Secretary) for Threatened Status

Federal Status - Designation under the federal Endangered Species Act, U.S. Fish & Wildlife Service

E = Endangered

T = Threatened

SC = Species of Concern (does not denote legal protection)

C = Candidate for Listing (does not denote legal protection)

PDL = Proposed for Delisting

PE = Proposed for Endangered

PT = Proposed for Threatened

SGCN - Species of Greatest Conservation Need as identified in the Vermont Wildlife Action Plan; does not denote legal protection.