

A/P: Annual or Perennial

C/S: Cross-pollinating or Self-pollinating

F/O: Facultative or Obligate self/cross-pollination

Species	A/P	C/S	F/O	Hybrid Occurances	Exceptions	Notes
<i>Achillea millefolium</i>	P	C	-	<i>Hybridizes freely</i>	-----	-----
<i>Agrostis exarata</i>	P	C	-	-----	-----	-----
<i>Agrostis hallii</i>	P	C	-	-----	-----	-----
<i>Agrostis pallens</i>	P	S	-	-----	-----	-----
<i>Artemisia douglasiana</i>	P	C/S	F	<i>A. ludoviciana x A. douglasiana</i> <i>A. lindleyana x A. douglasiana</i>	Self-compatible; lower fertilization with selfing	Experimental hybrids. Thought to occur in nature.
<i>Asclepias cordifolia</i>	P	C	-	-----	-----	-----
<i>Asclepias eriocarpa</i>	P	C	-	<i>A. speciosa x A. eriocarpa</i>	Only with <i>A. speciosa</i> as pollen donor	-----
<i>Asclepias fascicularis</i>	P	C	-	<i>A. speciosa x A. fascicularis</i>	Only with <i>A. speciosa</i> as pollen donor	-----
<i>Asclepias speciosa</i>	P	C	-	<i>A. speciosa x A. fascicularis</i>	Only with <i>A. speciosa</i> as pollen donor	-----
<i>Bromus carinatus</i>	P	C/S	F	-----	-----	Forms distinct "races"
<i>Calindrinia ciliata</i>	A	C	F	<i>C. compressa</i>	-----	-----
<i>Clarkia conicinna</i>	A	C	F	<i>C. brewerii</i>	All clarkias show ability to self-fertilize however primarily cross-pollinate.	All <i>Clarika</i> species display ability to self-pollinate but have high levels of self-incompatibility in most species.
<i>Clarkia gracilis</i> <i>spp. Tracyi</i>	A	C	F	<i>C. amoena</i>	-----	Interspecific hybrids are commonly sterile or show reduction in fertility in various mechanisms of pollination (selfing, backcrossing to either parent, or open pollinated to either or both parents).
<i>Clarkia purpurea</i>	A	C	F	<i>Subspecies intergrade extensively, C. affinis</i>	-----	-----

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<i>Clarkia unguiculata</i>	A	C	F	<i>C. delicata</i> , <i>C. epilobioides</i> , <i>C. springvillensis</i>	-----	-----
<i>Clarkia williamsonii</i>	A	C	F	None found naturally; several artificial interspecific hybrids occur.	-----	-----
<i>Danthonia californica</i>	P	S	-	-----	-----	-----
<i>Deschampsia cespitosa</i>	P	C	-	Subspecies intergrade	-----	-----
<i>Deschampsia elongata</i>	P	C/S	F	-----	-----	-----
<i>Elymus condensatus</i>	P	C	-	<i>E. triticoides</i>	-----	-----
<i>Elymus glaucus</i>	P	S	-	<i>E. trachycaulus</i> , <i>E. elymoides</i> , <i>E. stebbinsii</i> , <i>H. brachyantherum</i> ssp. <i>brachyantherum</i>	-----	Intergeneric hybridization with <i>Hordeum brachyantherum</i> ssp. <i>brachyantherum</i> = <i>Elyhordeum stebbinsianum</i>
<i>Elymus multisetus</i>	P	S	-	<i>H. jubatum</i> , <i>E. elymoides</i> var. <i>elymoides</i>	-----	Intergeneric hybridization with <i>Hordeum jubatum</i> = <i>Elyhordeum californicum</i>
<i>Elymus trachycaulus</i>	P	S	-	<i>H. jubatum</i> , <i>E. glaucus</i>	-----	Intergeneric hybridization with <i>Hordeum jubatum</i> = <i>Elyhordeum macounii</i>
<i>Elymus triticoides</i>	P	C	O	<i>E. condensatus</i> , <i>E. mollis</i> .	-----	-----
<i>Eschscholzia californica</i>	A	C	O	Readily hybridize with <i>Eschscholzia</i> spp.	-----	-----
<i>Festuca idahoensis</i>	P	C/S	-	<i>F. romeri</i> , <i>F. ovina</i>	-----	Still saw some self-fertilization, but at a low rate. <i>F. romeri</i> is a sister taxa of <i>F. idahoensis</i>
<i>Festuca microstachys</i>	A	S	-	-----	-----	-----
<i>Festuca rubra</i> "Molate"	P	C	O	<i>F. hubbardii</i> , <i>V. fasciculata</i>	-----	Extremely self-incompatible, but not completely

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<i>Grindelia camporum</i>	P	C	O	All hybridize freely	----	----
<i>Grindelia stricta</i>	P	C	O	All hybridize freely	----	----
<i>Hordeum brachyantherum</i>	P	S	F	----	----	----
<i>Hordeum brachyantherum californicum</i>	P	S	F	----	----	----
<i>Hordeum depressum</i>	A	S	-	----	----	----
<i>Koeleria macrantha</i>	P	C	-	----	----	----
<i>Lasthenia californica</i>	A	C	F	<i>L. lepatlea, L. macrantha, L. gracilis</i>	----	----
<i>Lasthenia glabrata</i>	A	C	F	----	----	----
<i>Layia chrysanthemoides</i>	A	C	-	<i>L. platyglossa</i>	----	Display reduced fertility
<i>Layia platyglossa</i>	A	C	-	<i>L. chrysanthemoides</i>	----	Display reduced fertility
<i>Lubinus albifrons</i>	P	C	-	----	----	----
<i>Lupinus albifrons var. collinus</i>	P	C	-	----	----	----
<i>Lupinus bicolor</i>	A	C/S	F	<i>L. nanus</i>	----	----
<i>Lupinus formosus</i>	P	C	-	----	----	----
<i>Lupinus microcarpus var. densiflorus</i>	A	C	-	<i>L. microcarpus var microcarpus, L. succulentus</i>	----	----

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<i>Lupinus microcarpus</i> var. <i>microcarpus</i>	A	C	-	<i>L. microcarpus</i> var. <i>densiflorus</i> , <i>L. succulentus</i>	-----	-----
<i>Lupinus nanus</i>	P	C/S	F	<i>L. bicolor</i>	-----	-----
<i>Lupinus succulentus</i>	A	C/S	F	<i>L. microcarpus</i>	-----	-----
<i>Madia elegans</i>	A	C	-	-----	-----	-----
<i>Melica californica</i>	P	C/S	F	-----	Self-pollination occurs in response to poor environmental conditions	-----
<i>Muhlenbergia asperifolia</i>	P	S	-	-----	-----	-----
<i>Muhlenbergia richardsonis</i>	P	S	-	-----	-----	-----
<i>Muhlenbergia rigens</i>	P	S	-	-----	-----	-----
<i>Oenothera elata</i> ssp. <i>hirsutissima</i>	P	C	-	-----	-----	-----
<i>Phacelia californica</i>	A	C	-	-----	-----	-----
<i>Phacelia campanularia</i>	A	C	-	<i>P. longipes</i>	-----	-----
<i>Phacelia imbricata</i>	A	C	-	-----	-----	-----
<i>Phacelia tanacetifolia</i>	A	C	-	<i>P. crenulata</i>	-----	-----
<i>Poa secunda</i> ssp. <i>secunda</i>	P	C/S	F	-----	-----	-----
<i>Stipa cernua</i>	P	C/S	F	<i>S. pulchra</i> , <i>S. lepida</i>	Self-pollination occurs in response to poor environmental conditions. Is associated with chasmogamy	-----
<i>Stipa lepida</i>	P	C/S	F	<i>S. pulchra</i> , <i>S. cernua</i>	-----	-----
<i>Stipa pulchra</i>	P	C/S	F	<i>S. lepida</i> , <i>S. cernua</i>	-----	-----

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<i>Trifolium bifidum</i>	A	S	-	<i>T. microcephalum</i>	Interspecific hybrids rare and only succeed between closely related species.	-----
<i>Trifolium ciliolatum</i>	A	S	-	<i>T. gracilentum</i>	-----	-----
<i>Trifolium fucatum</i>	A	S	-	<i>T. variegatum</i>	-----	-----
<i>Trifolium gracilentum</i>	A	S	-	<i>T. ciliolatum</i>	-----	-----
<i>Trifolium microcephalum</i>	P	C	-	<i>T. bifidum</i>	-----	-----
<i>Trifolium obtusiflorum</i>	A	S	-	<i>T. willdenovii</i>	-----	-----
<i>Trifolium willdenovii</i>	A	S	-	<i>T. obtusiflorum</i>	-----	-----