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## **Common milkweed indicator species**

Maine Food System Pre-flower growth early June. P. Bell, SOS observer Directions: As you report on phenophase status (Y, N or ?) on the datasheets, refer to the definitions on this sheet to find out what you should look for, for each phenophase in each species. To report the intensity of the phenophase, choose the best answer to the question below the phenophase, if one is included.

Leaves Initial growth, New growth of the plant is visible, either from above growth of the plant is visible, either from above growth of the plant is visible, either from above growth. P. Rell, SOS observer Leaves, One or more live fully unfolded leaves.

Leaves Initial growth: New growth of the plant is visible, either from above-ground buds with green tips, or new green or white shoots breaking through the soil surface. Growth is considered "initial" on each bud or shoot until the first leaf has fully unfolded. Early flower growth. P. Bell, SOS observer Leaves: One or more live fully unfolded leaves are visible on the plant. For seedlings, consider only true leaves and do not count the one or two small, round leaves (cotyledons) that are found on the stem almost immediately after the seedling emerges. jajoda Do not include dried or dried flowers that usually do not open all at once. Do not include wilted or dried flowers that remain on the plant, or heads whose flowers are present?



To report the intensity of the phenophase, choose the best answer to the question below the phenophase, if one is included. Leaves Initial growth: New growth of the plant is visible, either from above-ground buds with green tips, or new green or white shoots breaking through the soil surface. <a href="https://example.com/html/>h

## **Twelve Native Milkweeds**



Do not include dried or dead leaves. Flowers Flowers Flowers Flowers flowers that usually do not open all at once. Do not include wilted or dried flowers that remain on the plant, or heads whose flowers have all wilted or dried. Common milkweed inflorescence with some open flowers. P. Bell, SOS observer How many fresh flowers or flower heads are present? <u>xeyizuyesi</u> Less than 3; 3 to 10; More than 10. <u>ditejosexeju</u> Open flowers are considered "open" when the reproductive parts (male stamens or female pistils) are visible between unfolded or open flower parts. Do not include wilted or dried flowers that remain on the plant. How many fresh fruits are present?



To report the intensity of the phenophase, choose the best answer to the question below the phenophase, if one is included. Leaves Initial growth: New growth of the plant is visible, either from above-ground buds with green tips, or new green or white shoots breaking through the soil surface. Growth is considered "initial" on each bud or shoot until the first leaf has fully unfolded. Early flower growth. P. Bell, SOS observer Leaves: One or more live fully unfolded leaves are visible on the plant. For seedlings, consider only true leaves and do not count the one or two small, round leaves (cotyledons) that are found on the stem almost immediately after the seedling emerges. geyureya Do not include dried or dead leaves. Flowers Flowers: One or more fresh flowers that usually do not open all at once. Do not include wilted or dried flowers that remain on the plant, or heads whose flowers have all wilted or dried. Common milkweed inflorescence with some open flowers. P.

Bell, SOS observer How many fresh flowers or flower heads are present? Less than 3; 3 to 10; More than 10. Open flowers: One or more open flowers or female pistils) are visible between unfolded or open flower parts. Do not include wilted or

dried flowers that remain on the plant.

How many fresh flowers are open? Less than 3; 3 to 10; More than 10. Fruits Common milkweed pods. fagunadebugimi J. Appollonio, UMaine Fruits are visible on the plant. How many fresh fruits are present? Less than 3; 3 to 10; More than 10. Recent fruit drop: One or more fresh mature fruits or seeds have dropped or been removed from the plant since your last visit. Do not include obviously immature fruits that have dropped?

College, Bugwood.org How many mature fruits have dropped?

College, Bugwood.org How many mature fruits have dropped?

Less than 3; 3 to 10; More than 10. There are around a 100 native species of milkweed in North America and we are not going to cover the details to identify all of them.



Growth is considered "initial" on each bud or shoot until the first leaf has fully unfolded. Early flower growth. P. Bell, SOS observer Leaves: One or more live fully unfolded leaves are visible on the plant. For seedlings, consider only true leaves and do not count the one or two small, round leaves (cotyledons) that are found on the stem almost immediately after the seedling emerges. Do not include dried or dead leaves. Flowers Flowers: One or more fresh flowers or flower heads (inflorescences) are visible on the plant. Flower heads include many small flowers that usually do not open all at once. Do not include wilted or dried flowers that remain on the plant, or heads whose flowers have all wilted or dried. Common milkweed inflorescence with some open flowers. P. Bell, SOS observer How many fresh flowers or flower heads are present? Less than 3; 3 to 10; More than 10. Open flowers: One or more open fresh flowers are visible on the plant. Flowers are considered "open" when the reproductive parts (male stamens or female pistils) are visible between unfolded or open flower parts. Do not include wilted or dried flowers that remain on the plant. How many fresh flowers are open?



For seedlings, consider only true leaves and do not count the one or two small, round leaves (cotyledons) that are found on the stem almost immediately after the seedling emerges. Do not include dried or dead leaves. Flowers Flowers Flowers Flowers or flower heads (inflorescences) are visible on the plant. Flower heads include many small flowers that usually do not open all at once. Do not include wilted or dried flowers that remain on the plant, or heads whose flowers have all wilted or dried. Common milkweed inflorescence with some open flowers. P. Bell, SOS observer How many fresh flowers or flower heads are present? Less than 3; 3 to 10; More than 10. Open flowers: One or more open fresh flowers are visible on the plant. Flowers are considered "open" when the reproductive parts (male stamens or female pistils) are visible between unfolded or open flower parts.

Do not include wilted or dried flowers that remain on the plant. How many fresh flowers are open? Less than 3; 3 to 10; More than 10. Fruits: One or more fresh fruits are visible on the plant. How many fresh flowers than 10. Fruits Common milkweed pods. J. Appollonio, UMaine Fruits: One or more fresh fruits are visible on the plant. How many fresh flowers than 10. Fruits Common milkweed pods. J. Appollonio, UMaine Fruits: One or more fresh fruits are visible on the plant. fruits are visible on the plant. How many fruits are ripe? Less than 3; 3 to 10; More than 10. Recent fruit drop: One or more fresh mature fruits or seeds have dropped or been removed from the plant since your last visit. Do not include obviously immature fruits that have dropped or been removed from the plant since your last visit. Do not include obviously immature fruits or seeds have dropped or been removed from the plant since your last visit. Do not include obviously immature fruits or seeds. Rob Routledge, Sault College Bugwood.org How many mature fruits have dropped? Less than 3; 3 to 10; More than 10. There are around a 100 native species of milkweed in North America and we are not going to cover the details to identify all of them. However, we offer some tips to identify some of the most common milkweed species used by volunteers. If you are unsure as to which species of milkweed you have at your garden, use the following photos and key characters to determine if you have any of these or other milkweed species at your garden, use the following photos and key characters to determine if you are looking where to buy milkweed species at your garden, use at your particular ecoregion, we suggest you check out the Milkweed Market and their list of vendors. Common Milkweed is a native perennial of the eastern United States and southern Canada, though it is found most commonly in the northeast and the midwest.

It can be found in upland fields, woodland margins and disturbed areas such as roadsides (Wilburg, 1979). It prefers well-drained soils. Common milkweed can spread highly efficiently by shooting out rhizomes that can form large clones of up to several thousand stems (Wilbur, 1979). This means a patch of common milkweed could actually just be a single plant. Nectar composition in A. syriaca is nearly 100% sucrose (Southwick et al. 1981). Monarchs often lay eggs on fresh shoots that are easier for caterpillars to feed on. Key Characteristics of Common Milkweed, Asclepias syriaca: Flower color ranges from pink to white, highly fragrant Milky sap when leaves/stem broken Fine hairs on underside of leaves—soft and velvety! Mature leaves typically quite broad Butterfly weed is a native perennial found across the eastern United States. It is well loved by butterflies for its brightly colored flowers and abundant nectar supply. It is typically found in fields with drier soil and often grows in clumps. The stems are distinct because they are very hairy; however, unlike other milkweeds it doesn't have a milky sap when broken. Butterfly weed will usually bloom two to three years after

germination and can persist for 20 years or longer (Woodson, 1947). Key Characteristics of Butterfly Weed, Asclepias tuberosa: Flower color ranges from orange to yellow Typically grow in clumps, stalks 1-3' tall NO milky sap is present Very hairy stems Swamp Milkweed is a native perennial of the eastern and central United States and southern Canada (Manitoba, Quebec, and Nova Scotia). It is common in wetlands. Swamp milkweed will often have several stems up to 2 m tall and it can have 22 pink flowers (Ivey et al., 2003). Flowers will last about 5 days and each flower produces about 1.5 uL of nectar each day, with a mean sucrose concentration of 30% (C.T. Ivey, unpublished data). Monarchs often lay eggs on fresh shoots that are easier for caterpillars to feed on. Swamp milkweed could actually just be a single plant! Key Characteristics of Swamp Milkweed (Asclepias incarnata) Flower color ranges from pink to light purple, fragrant Produces milky sap when leaves/stem broken Leaves are generally smooth, long, and narrow, tapering to a point Prefers wet ground Tropical milkweed is an annual plant that is not native to the US (Woodson, 1954). It is native to Central and South America (Broyles and Stoj 2019). Electronic records show that tropical milkweed was planted in gardens in the US as early as 1806 (Satterfield et al., 2015). Tropical milkweed is self-compatible (Wyatt and Broyles 1997) so the plants can be fertilized with their own pollen. Its striking flowers and easy propagation have increased its popularity in the US in spite of the fact that it is non-native. In colder climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes, tropical milkweed will die back; however, in warmer southern climates that experience hard freezes h Milkweed, Asclepias curassavica: Flowers with orange corona and thrives in disturbed areas (but is typically found in gardens) Showy milkweed is native to the western United States and is typically found in grainies and savannas. It is known for its long blooming period, drought tolerance and easy propagation. Key characteristics of Showy Milkweed, Asclepias speciosa: Broad, velvety leaves similar to common milkweed (can be distinguished by presence of white hairs) Flower color ranges from light pink to purple Fragrant flowers that resemble stars Antelope horns milkweed is native to the western United States and is found in savannas and prairies. Its name comes from the curved shape of the seedpods that often fold in on themselves Leaves irregularly grouped Stems covered in tiny hairs Genus of flowering plants "Milkweed" redirects here. For other uses, see Milkweed (disambiguation). Not to be confused with Asclepias Asclepias Asclepias Asclepias incarnata (swamp milkweed) flowers and a monarch butterfly Scientific classification Kingdom: Plantae Clade: Tracheophytes Clade: Angiosperms Clade: Eudicots Clade: Asclepias albicans Asclepias albicans Asclepias albicans Asclepias albicans Asclepias ameliae Asclepias amplexicaulis Asclepias angustifolia Asclepias arenaria Asclepias asperula Asclepias asperula subsp. asperula Asclepias asperula subsp. capricornu Asclepias atroviolacea Asclepias atroviolacea Asclepias barjoniifolia Asclepias barjoniifolia Asclepias barjoniifolia Asclepias californica subsp. greenei Asclepias californica subsp. greenei Asclepias barjoniifolia Asclepias barjoniifolia Asclepias californica subsp. greenei Asclepias barjoniifolia barjoniifolia barjoniifolia barjoniifolia barjoniifoli

Asclepias connivens Asclepias condifolia Asclepias cryptoceras Subsp. davisii Asclepias cutleri Asclepias cutleri Asclepias cutlerias cu elata Asclepias elegantula Asclepias elegantula Asclepias foliosa Asclepias eriocarpa Asclepias foliosa foliosa Asclepia humistrata Asclepias hypoleuca Asclepias inaequalis Asclepias incarnata Asclepias incarnata subsp. incarnata Asclepias incarnata subsp. pulchra Asclepias lanceolata Asclep

Asclepias macrotis Asclepias macrotis Asclepias mediodora Asclepias mellodora Asclepia Asclepias oenotheroides Asclepias praemorsa As quinquedentata Asclepias randii Asclepias randii Asclepias schaffneri As stenophylla Asclepias subaphylla Asclepias subuptia vestita Asclepias vestita subsp. parishii Asclepias vertita subsp. parishii Asclepias viridis Asclepia Oxypteryx Greene Podostemma Greene Podostemma Greene Podostemma (K.Schum.) Bullock (possible) Asclepias is a genus of herbaceous, perennial, flowering plants known as milkweeds, named for their latex, a milky substance containing cardiac glycosides termed cardenolides, exuded where cells are damaged.[3][4][5] Most species are toxic to humans and many other species, primarily due to the presence of cardenolides. However, as with many such plants, some species feed upon them (e.g. their leaves) or from them (e.g. their nectar). plants for their larvae. The genus contains over 200 species distributed broadly across Africa, North America, and South America, and South America. [6] It previously belonged to the family Asclepiadaceae, which is now classified as the subfamily Asclepiadaceae. named it after Asclepius, the Greek god of healing.[8] Flowers A monarch butterfly on swamp milkweed sprout, a few days after sowing Chemical structure of oleandrin, one of the cardiac glycosides Members of the genus produce some of the most complex flowers in the plant kingdom, comparable to orchids in complexity. Five petals reflex backwards revealing a gynostegium surrounded by a five-membrane corona. The corona is composed of a five-paired hood-and-horn structure with the hood acting as a sheath for the inner horn. Glands holding pollinia are found between the hoods. The size, shape and color of the horns and hoods are often important identifying characteristics for species in the genus Asclepias.[9] Pollination in this genus is accomplished in an unusual manner. Pollen is grouped into complex structures called pollinia (or "pollen sacs"), rather than being individual grains or tetrads, as is typical for most plants.

The feet or mouthparts of flower-visiting insects, such as bees, wasps, and butterflies, slip into one of the five slits in each flower formed by adjacent anthers. The bases of the pollinia then mechanically attach to the insect is large enough to produce the necessary pulling force (if not, the insect may become trapped and die).[10] Pollination is effected by the reverse procedure, in which one of the pollinia becomes trapped within the anther slit. Large-bodied hymenopterans (bees, wasps) are the most common and best pollinators, accounting for over 50% of all Asclepias pollination,[11] whereas monarch butterflies are poor pollinators of milkweed. [4] Male Pepsis grossa, a typical milkweed-pollinating wasp Honeybee on antelope horn (Asclepias species produce their seeds, which are arranged in overlapping rows, bear a cluster of white, silky, filamentlike hairs known as the coma[12] (often referred to by other names such as pappus, "floss", "plume", or "silk"). The follicles ripen and split open, and the seeds, each carried by its coma, are blown by the wind. Some, but not all, milkweeds also reproduce by clonal (or vegetative) reproduction. Selected species Image Scientific name Common name Distribution Asclepias amplexicaulis Blunt-leaved milkweed Native to central and eastern United States Asclepias asperula

Antelope horns Native to American southwest and northern Mexico Asclepias california milkweed Native to the Sierra Nevada and Cascade Range up to 2000 m. Asclepias cryptoceras Pallid milkweed Native to the western United States. Asclepias curassavica Scarlet milkweed, tropical milkweed, bloodflower, bastard ipecacuanha Native to the American tropics, introduced to other continents Asclepias eriosarpa Woollypod milkweed Native to California, and Nevada Asclepias erosa Desert milkweed Native to California, Arizona, and Baja California Asclepias exaltata Poke milkweed Native to eastern United States Asclepias incarnata Swamp milkweed Native to wetlands of North America Asclepias lanceolata Lanceolate milkweed (Cedar Hill milkweed Native to midwestern United States Asclepias lanceolate milkweed Native to midwestern United States Asclepias nyctaginifolia Mojave milkweed native to the American southwest Asclepias purpurascens Purple milkweed Native to eastern, southern, and midwestern United States and Canada Asclepias rubra Red milkweed Asclepias solanoana Serpentine milkweed Native to northern California Asclepias subulata Rush milkweed Native to southwestern Worth America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native to southwestern North America Asclepias subulata Rush milkweed Native North America Asclepias subulata Rush milkweed Native North America Asclepias subulata Rush milkweed Native North North America Asclepias subulata Rush milkweed Native North North America Asclepias subulata Rush milkweed Native North Asclepias texana Texas milkweed Asclepias verticillata Whorled milkweed Asclepias vert Asclepias in South America, among them: A. barjoniifolia, A. boliviensis, A. curassavica, A. mellodora, A. candida, A.

flava, and A. pilgeriana. Deprecated Calotropis gigantea (L.) W.T.Aiton (as A. gigantea (L.) W.T.Aiton (as A. gigantea L.) Cynanchum louiseae Kartesz & Gandhi (as A. nigra L.) Cynanchum thesioides (Freyn) K.Schum (as A. sibirica L.) Funastrum clausum (Jacq.) Schltr. (as A. clausa Jacq.) Gomphocarpus cancellatus (Burm.f.) Bruyns (as A. cancellatus Burm.f. or A. rotundifolia Mill.) Gomphocarpus fruticosus (L.) W.T.Aiton (as A.

fruticosa L.) Marsdenia macrophylla (Humb. & Bonpl. ex Willd.) E.Fourn. (as A. macrophylla Humb.

ex Schult.) Marsdenia tenacissima (Roxb.) Moon (as A. tenacissima Roxb.) Matelea maritima (Jacq.) Woodson (as A. wiminalis (L.) Steud.) Telosma cordata (Burm.f.) Merr. (as A. cordata Burm.f.) Telosma pallida (Roxb.) Craib (as A. pallida (Roxb.) Craib (as A. pallida (Roxb.) Moon (as A. tenacissima Roxb.) Moon Roxb.) Tylophora indica (Burm.f.) Merr. (as A. asthmatica L.f.) Vincetoxicum hirundinaria Medik. (as A. vincetoxicum L.) Vincetoxicum pycnostelma Kitag. (as A.

paniculata Bunge) Xysmalobium undulatum (L.) R.Br. (as A. undulata L.)[14] Ecology Milkweeds are an important nectar source for monarch butterflies and their

relatives, as well as a variety of other herbivorous insects (including numerous beetles, moths, and true bugs) specialized to feed on the plants despite their chemical defenses.[4] Milkweeds use three primary defenses to limit damage caused by caterpillars: hairs on the leaves (trichomes), cardenolide toxins, and latex fluids.[16] Data from a DNA study indicate that, generally, more recently evolved milkweed species ("derived" in botany parlance) use these preventive strategies less but grow faster than older species, potentially regrowing faster than caterpillars can consume them.[17][18][19] Research indicates that the very high cardenolide content of Asclepias linaria reduces the impact of the Ophryocystis elektroscirrha (OE) parasite on the monarch butterfly, Danaus plexippus. The OE parasite causes holes to form in the wings of fully developed monarch butterfly, Danaus plexippus. The OE parasite only infects monarch butterflies. This causes weakened endurance and an inability to migrate. in their butterfly form.[20] By contrast, some species of Asclepias are extremely poor sources of cardenolides, such as Asclepias fascicularis, Asclepias tuberosa, and Asclepias species are a food source for monarch butterfly larvae and some other milkweed butterflies.[4] These plants are often used in butterfly gardening and monarch waystations in an effort to help increase the dwindling monarch waystations. For example, A. curassavica, or tropical milkweed, is often planted as an ornamental in butterfly gardens outside of its native range of Mexico and Central America. Year-round plantings of this species in the United States are controversial and criticised, as they may lead to new overwintering sites along the U.S. Gulf Coast and the consequent year-round breeding of monarchs. [22] This is thought to adversely affect migration patterns, and to cause a dramatic build-up of the dangerous parasite, Ophryocystis elektroscirrha.[23] New research also has shown that monarch larvae reared on tropical milkweed, it stimulates reproductive tissue growth.[24] Because of this, it is most often suggested to grow milkweeds that are native to the geographical area they are planted in to prevent negative impacts on monarch butterflies.[25][26] Monarch caterpillars do not favor butterfly weed (A. tuberosa), perhaps because the leaves of that milkweed species contain very little cardenolide.[27] Some other milkweeds may have similar characteristics. Uses Milkweeds are not grown commercially in large scale, but the plants have had many uses throughout human history.[4] Milkweeds have a long history of medicinal, every day, and military use. The Omaha people from Nebraska, the Menomin from Wisconsin and upper Michigan, the Dakota from Minnesota, and the Ponca people from Nebraska, traditionally used common milkweed (A. syriaca) for medicinal purposes. [citation needed] The bast fibers of some species can be used for cords, strings and ropes.[28] A study of the insulative properties of various materials found that milkweed floss was outperformed by other materials in terms of insulation, loft, and lumpiness, but it scored with wax, and have good insulation qualities. During World War II, more than 5,000 t (5,500 short tons) of milkweed floss was collected in the US as a substitute for kapok.[30] Milkweed is grown commercially as a hypoallergenic filling for pillows[32] and as insulation for winter coats.[33] Asclepias is also known as "Silk of America" [34] which is a strand of common milkweed (A. syriaca) gathered mainly in the valley of the Saint Lawrence River in Canada. The silk is used in thermal insulation, acoustic insulation, and oil absorbents.[35][36][37] Seeds of Asclepias syriaca (Common Milkweed latex contains about two percent latex, and during World War II both Nazi Germany and the US attempted to use it as a source of natural rubber, although no record of large-scale success has been found.[38] Many milkweed species also contain cardiac glycoside poisons that inhibit animal cells from maintaining a proper K+, Ca2+ concentration gradient.[5] As a result, many peoples of South America and Africa used arrows poisoned with these glycosides to fight and hunt more

effectively. Some milkweeds are toxic enough to cause death when animals consume large quantities of the plant. Some milkweeds also cause mild dermatitis in some who come in contact with them. Nonetheless, some species can be made edible if properly processed.[4] References ^ a b "Taxon: Asclepias L." Germplasm Resources Information Network. United States Department of Agriculture. 2003-03-13. Retrieved 2013-02-05. ^ "Asclepias". NCBI taxonomy. Bethesda, MD: National Center for Biotechnology Information. Retrieved 2013-03-13. Retrieved 2013-03-13. Retrieved 2013-03-13. Retrieved 2018-03-13. Retrieved 2018-03 9422(00)85141-9. ^ a b c d e f Agrawal, Anurag (2017-03-07). Monarchs and Milkweed: A Migrating Butterfly, a Poisonous Plant, and Their Remarkable Story of Coevolution. Princeton University Press. ISBN 9781400884766. ^ a b Agrawal, Anurag A.; Petschenka, Georg; Bingham, Robin A.; Weber, Marjorie G.; Rasmann, Sergio (2012-04-01). "Toxic cardenolides: chemical ecology and coevolution of specialized plant-herbivore interactions". New Phytologist. 194 (1): 28-45. doi:10.1111/j.1469-8137.2011.04049.x. ISSN 1469-8137. PMID 22292897. ^ "Asclepias L." Plants of the World Online Roval Botanical Gardens, Kew. Retrieved 2018-11-23. ^ "Asclepias". ipni.org. International Plant Names Index. Retrieved 2018-11-23. ^ Quattrocchi, Umberto (29 November 1999). CRC World Dictionary of Plant Names; Common Names, Scientific Names, Eponyms, Synonyms, and Etymology. CRC Press. p. 211. ISBN 978-0-8493-2673-8. Latin asclepias and Greek asklepias for the common swallowwort; Asclepius, Greek god of medicine, the worship of Asclepius was centered in Epidaurus.

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