

Purple Mustard collection (*Chorispora tenella*)

Leaf material – North America

Kathryn Turner, 25 Apr 2016

1. Find it! *Chorispora tenella* looks somewhat like arugula, and has purple, cross-shaped flowers. It tends to grow in disused fields, along the edges of agricultural areas, and along roads and trails. It should flower April – June. When an area is heavily invaded, it will appear blue or purple tinged from a distance. It can be 2 inches – 2 feet in height. Stems are round and stem/leaves slightly hairy. Plant typically has a musky odor, hence a common name, Musk Mustard. See photos below for reference, or feel free to Google image search for it!



2. Choose one individual from the population and take 2+ photos of it, one including the entire plant, and one a close up of the flower. ***If you are inclined and know how, collect an individual for an herbarium specimen.***
3. Record the location information, including the nearest landmark, such as a street intersection. If possible include latitude, longitude, and altitude (available from smart phone apps). Always include city/park name (if applicable), county, state/province, date, and your name.

4. Choose an individual plant. Pick 2 large healthy looking green leaves (or an equivalent number of small green leaves), and place them in a labeled paper envelope (label with your name, date, and plant number, such as #1). Seal envelope with a paper clip. Place paper envelope into large plastic Ziploc bag that contains approximately ¼ cup of silica gel (see photo) or drierite. Label Ziploc bag with species name (*Chorisporea tenella*), your name, date, and minimal location info. Use a new Ziploc bag for each population that you collect.



5. Continue to sample leaves in this fashion for an additional 14 plants (15 total). Choose plants that are at least 3 meters apart from one another. Several envelopes can be sealed with the same paper clip.
6. If any dried fruits are available from the previous year on dead plants (see photo below), please also collect 1 – 3 fruits from up to 10 plants, placing them in paper envelopes and labeling as before.



7. Collect as many populations as you can! Population should be located at least 1 mile from each other.
8. Send photos (labeled with location name) to Kathryn.g.turner@gmail.com. ***If you collected herbarium specimens, please let me know where you deposited them, or arrange to hand them off to me.***
9. Mail Ziploc bags to: Kathryn Turner, 1177 Campus Delivery, Dept. of Bioagricultural Sciences and Pest Management, Colorado State University, Fort Collins, CO, 80523-1177
10. Rejoice in your awesome-ness!