

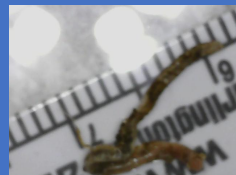



¹Massapequa High School Ames Campus

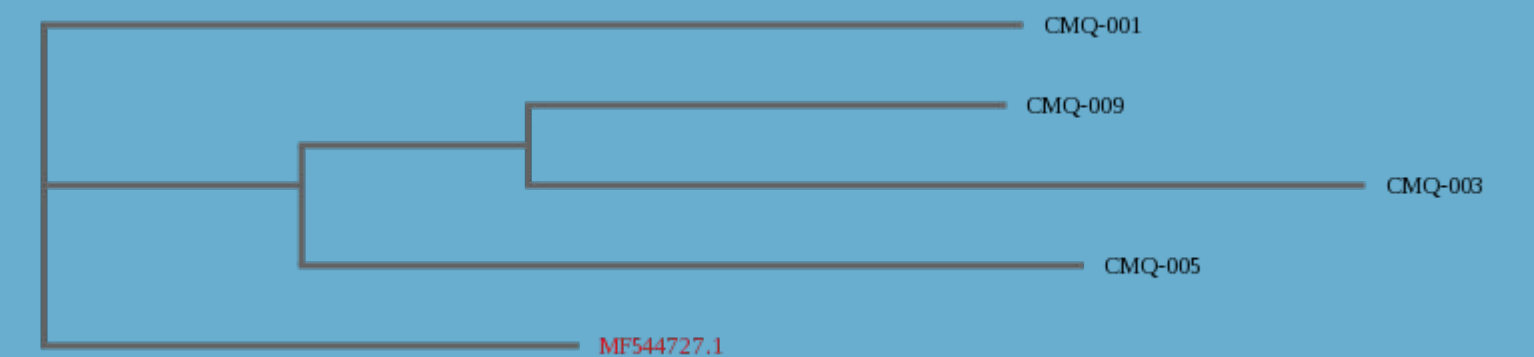


Redington Crosswater Waders. (n.d.). Mad River Outfitters. Retrieved May 30, 2023, from <https://www.madriveroutfitters.com/p-13843-redington-crosswater-waders.aspx>

1. Sterile disposable nitrile gloves
2. Metal sifters(preferably more than two)
3. Short handheld shovels or a few spades
4. Fishing waters (waist and to chest) depending on depth of water
5. Sterile collection tubes
6. Sterile tweezers to help with collection(optional but helpful)
7. Phone or gps
8. A net without handles (will be use by dragging through deeper water)
9. Walking stick (optional but recommended for working in water)
10. Phone or notebook to record coordinates

On the other hand, CMQ-005 had a match with *Proasellus* which is an isopod crustacean. The Sequence CMQ-009 had only one mismatch and was identified as *Macronychus* or the more commonly known riffle beetle which is usually found in North America . Sequence CMQ-001 had 6 mismatches which was more than the other sequences, but it can be identified as *Eukerria saltensis* which is an aquatic earthworm originally from areas in South America.

Sequence:	Results	Mismatches:
CMQ-001		6
CMQ-003		0
CMQ-005		0
CMQ-009		1



We would like to thank Mr. Eberling for providing us with the opportunity to take part in this collection process and being a part of this experience with cold spring harbor research team.