



May 03, 2021

How to make a cup of tea

ines.boehm¹¹University of Edinburgh*In Development*

This protocol is published without a DOI.

record keeping



ines.boehm

ABSTRACT

This protocol is part of the [Record Keeping](#) lesson within the [FAIR in \(biological\) practice](#) DataCarpentry course. Here we explore the perfect protocol to brew tea.

PROTOCOL CITATION

ines.boehm 2021. How to make a cup of tea. **protocols.io**
<https://protocols.io/view/how-to-make-a-cup-of-tea-buhknt4w>



KEYWORDS

brewing tea

LICENSE

This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

IMAGE ATTRIBUTION

Photo by [Nathan Dumlao](#) on [Unsplash](#)

CREATED

Apr 26, 2021

LAST MODIFIED

May 03, 2021

PROTOCOL INTEGER ID

49420

GUIDELINES

Brew tea fresh on demand.

MATERIALS TEXT

- Ideally soft tap water, Scottish tap water is perfect
- Andrew James 1.8L kettle
- Ceramic mug or cup
- Black tea - Brodies Tea bag, 2g
- Full-fat milk
- tea spoon

SAFETY WARNINGS

Black tea is a liquid so elevated consumption might lead to increased bladder activity.

BEFORE STARTING

Make sure the kettle is cleaned and the bottom of the kettle is free of lime-scale.

Should there be lime-scale, add small amount of 5% vinegar just covering the base to the kettle and leave overnight, or add about half a cm of 5% vinegar and boil the kettle. The latter should get rid of the lime-scale right away. Any type of malt-vinegar should do the job.

Preparation of water and tea

- 1 Fill the kettle with ~250mL of water, or until your min fill line and boil the water.
- 2 In the meantime prepare your tea bag, unpack it and place it in the cup/mug so that the tag is positioned outside of the mug.
- 3 Once the water is boiled, instantly pour the hot water into the mug. Ensure you fix the tag on the outside of the mug with your finger, to avoid falling in of the string + tag of the tea bag. Otherwise removal of the tea bag becomes more difficult.

Brewing

- 4 Brew the tea for 3 min
- 5 Use the string/tag to remove the tea bag. Discard the tea bag in your compost for [most appropriate recycling](#).

Flavouring

- 6 Add 5 mL = 1 teaspoon full fat milk to your tea
- 7 Enjoy!