

Marking up Michiel's Herbal using TEI

Basic Structure

Each plant is contained in a <div> element, with a series of <div> elements delimiting the sections within it.

```
<div type="plant" xml:id="A-001">
  <head>N. I CIRUELAS MONTESES</head>
  <div type="name">
    <head>NOMI</head>
    <p> Ciruelas monteses ex fruta de Indiani.</p>
  </div>
  ...
</div>
```

The first <div> element has two attributes, "

1. @type indicates the type of <div> element. The outermost <div> is always <div type="plant">
2. @xml:id provides a unique ID for the plant. We are using the format "A-000" where the letter indicates the book. And the number is the number of the plant in the manuscript, but with one or two 0 in front, so that the number always has 3 digits.
 - a. Azzurro=A
 - b. Rosso 1=R1
 - c. Rosso 2=R2
 - d. Giallo=G
 - e. Verde=V

The first element inside the containing <div> is <head> which contains the plant number and name as written in the manuscript.

```
<head>N. I CIRUELAS MONTESES</head>
```

This is followed by an <ab> element that contains the scientific name of the plant. If there is more than one scientific name, each should be contained within its own <ab> element. Not every plant has a scientific name in DeToni.

```
<ab ref="http://...">(Viburnum Tinus L.) </ab> (reference to scientific description on the internet); to Biographical cards on the internet, to Thesaurus etc.?
```

Can I use <ab>Not identified</ab> for plants with no certain identification? YES!

The <div> elements that are contained within each plant indicate the different topic heading in the manuscript. Each <div> has a type attribute with a normalized (English?) term identifying the topic. The first element inside the <div> is a <head> element that contains the heading as it appears in the manuscript.

```
<div type="genera">
  <head>GENERA</head>
  <p> Ne sonno de due spezie de lauri domestici et noti, una fa le foglie maggior
    dell'altro, ma nel resto simili, et questo de silvestre.</p>
</div>
```

The possible values of type are:

```
<div type="genus"> </div> Genera
<div type="shape"> </div> forma
<div type="place"> </div>
<div type="exposure"> </div>
<div type="development cycle"> </div>
<div type="reproduction"> </div>
<div type="properties"> </div>
<div type="opinions"> </div>
<div type="disagreements"> </div>
```

After the <head> element follow one or more paragraphs, encoded with <p>.

After the sections describing the plant and its origins, uses, environment, et al. which are in the manuscript are <div>s containing editorial commentary by DeToni, by Sabrina, and bibliography and other references. Each <div> has a @type attribute. Possible values:

- Editorial-D (DeToni's commentary)
- Bibl (Bibliography)
- Editorial-S (Sabrina's commentary)
- Editorial (for the 1940 editor, as De Toni had already passed away > (preceded by * and closed by (Ed.) in the print edition?)
- Notes (the footnotes belonging to this plant)
- ? what else? (Other items that we will discover are necessary)

NB: notes (footnotes) and editing are intertwined: some notes are by De Toni, others by the 1940 editor, and further will be mine, probably. How can I make clear this fact though the tags?

Markup for the prose text

Translations of foreign plant names and other words: If you want this to be invisible to the reader, surround the translated terms with <seg type="trans">... </seg> and use <foreign> for the translations as below.

Foreign words or phrases: <foreign xml:lang="grc">...</foreign> Possible values for the @xml:lang attribute are: Ancient Greek: grc; German: de, French: fr

Personal names: <persName>...</persName>

If you want to identify the person using a known authority, add a ref attribute to persName, as below:

<persName ref="#https://www.treccani.it/enciclopedia/marcantonio-da-mula_%28Dizionario-Biografico%29/">Marco Antonio da Mula</persName>

Place Names: <placeName>...</placeName>

Add ref if needed, as for <persName>

Quotations: <q> or <quote>

Italics that are not otherwise indicated: <hi>...</hi>

References to other plants in Michiel: Surround the number or other citation with <ref target="#A-025">N. 25</ref> where the value of the @target attribute is the @xml:id of the plant in our document.

Footnote Numbers: The footnote reference in the text should be indicated using the empty <ptr> element. <ptr target="N2"> where the value of the @target attribute refers to the note number in the notes section below.

Titles of works: <title>Bucolica</title>

References to the DeToni bibliography: <ref type="bibl" target="http://linktocatalog record">(305)</ref>

Other Sections

Notes

The section containing the notes is marked as <div type="notes"> and contains a series of <note> elements. Each note has an @n attribute indicating the note number. Note numbering is currently out of order because some plants begin on one page and end on the next, so that their footnotes may be spread over two pages. In DeToni, footnotes begin again on each page, so one plant may include the last footnote on one page and the first 2 on the next. Ideally, footnotes will start renumbering in each plant. This may be done automatically, doesn't have to be done by hand. When editing, it's best to make sure that the note markers and the notes match.

<note n="N2"> text of note </note>

Bibliography

The section containing the notes is marked as `<div type="bibl">` and contains a series of `<bibl>` elements. Enter one bibliographic reference into each `<bibl>` element.