

# Species Counterpoint Proofreading

## plugin for MuseScore 2

### Installation

Copy the included .qml files to your Documents/MuseScore2/Plugins folder. Then open MuseScore and open the Plugin Manager (in the Plugins menu). Check the boxes next to the five species entries and click OK. Now when you go to the Plugins menu they will appear under the heading "Proof Reading."

### Use

This plugin checks the whole file, not a selection. Enter your counterpoint melody on a grand staff and run the plugin from the Plugins menu to check your results.

### Proofreading Codes

Code	Meaning
acc	Forbidden non-diatonic accidental
AN	Accented Neighbor tone (not an error)
APP	Appoggiatura (not an error)
APT	Accented Passing tone (not an error)
dir5	Direct fifths – usually either P5→d5 or d5→P5; should be avoided
dis	Improperly treated dissonance
DN	Double neighbor (not an error)
ET	Escape Tone (not an error)
hid	Hidden fifths or octaves (consecutive P5 or P8 in contrary motion)
lfd	Leap from dissonant non-chord tone
ltd	Leap to dissonant non-chord tone
ltp	Leap to perfect interval in similar motion
lt	Leading tone not resolved correctly at cadence
lt!	You forgot to raise the leading tone in minor!
mel7	Melody leaps a seventh
NT	Neighbor tone (not an error)
PT	Passing tone (not an error)
rep	Forbidden repeated note
RET	Retardation (not an error) – a suspension that resolves up by half step
sb	Melody leaps a 6 <sup>th</sup> or octave without stepping back in opposite direction afterward
SUS	Suspension (not an error)
X	Melody crosses below bass
x	Forbidden offbeat notes in first species
->+3, ->d5	Melody moves by augmented or diminished interval
2xlt	Leading tone is doubled in bass and melody
7th	The seventh of a V <sup>7</sup> moving to I isn't resolved correctly
P5,   P8	Parallel fifths or octaves

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### Other warning messages

Too many consecutive 3rds or 6ths (up to 4 before warning)

Too many consecutive leaps (up to 4 before warning)

Too many perfect interval (up to 50% before warning)

Too many leaps (up to 50% before warning)

Melody should have larger range (experimental warning – uses standard deviation of melody)

### Modes

There are three different modes for the plugin:

- Major – tonal counterpoint with figured bass
- Minor – tonal counterpoint with figured bass; checks for raised leading tone at cadence
- Modal – Renaissance-style modal counterpoint

By default the plugin will run in Major mode. To check minor or modal examples, set the “Lyricist” text field (Add → Text → Lyricist) to either “Minor” or “Modal”.

### Testing and Limitations

At this time, the plugin really works best on straightforward species examples. The tonal species plugins have been tested successfully with all of the examples in Seth Monahan’s excellent *Two-Part Harmonic Species Counterpoint: An Introduction*, available at <http://sethmonahan.com/TH101HarmonicCounterpoint.html>. The procedures for the tonal plugin are derived from the rules laid out in this book.

The modal species plugins currently only work with the cantus firmus below the counterpoint. (Look for a future version that can work with the *cf* on top.) The rules come from Peter Schubert’s *Modal Counterpoint, Renaissance Style* and are generally in agreement with Tom Pankhurst’s Guide to Schenkerian Analysis, <http://www.schenkerguide.com/>.

The plugin may malfunction if there are rests other than an initial rest in 2-4 species. The plugin also malfunctions if there is a bass note without a melody note present. I’m working on finding a way around these problems, which are mainly a problem with the MuseScore2 plugin framework.

### Clearing annotations

Usually the score annotations added by the plugin can be removed with the undo command. Otherwise, right-click on any of the text and choose Select → All Similar Elements. Then press Delete.

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### **Tips for instructors**

If you are creating your own exercises for use with this plugin, you must enter the figured bass using the MuseScore figured bass option (ctrl-G).

New with version 0.52, tonal exercises are assumed to be in a major key unless you add the word “Minor” or “Modal” as the Lyricist. Go to Add → Text → Lyricist and enter Minor or Modal.

Please report any errors, questions, or suggestions to [joel@matthysmusic.com](mailto:joel@matthysmusic.com)

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