Flora@Home WooCommerce plugin

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1. Introduction

PostNL Flora@Home offers a WooCommerce plugin to their customers. The plugin simplifies the process of connecting and integrating the webshop to the Flora@home platform. The basic processes needed for integration are supported by the plugin, for more complex integrations the plugin can be used as a starting point and customized by the customer for their specific needs. PostNL does not offer any customization services for the plugin.

This manual describes the installation and functionalities of the Flora@Home WooCommerce plugin.

1.1   Purpose/goal of the WooCommerce plugin

The purpose of the Flora@Home WooCommerce plugin is to offer an easy and standardized process of connecting webshops running on Wordpress + WooCommerce to Flora@Home Platform. The plugin provide easy management of Flora@Home products selection and orders data for webshops running on Wordpress + WooCommerce.

The current version of the Flora@Home WooCommerce plugin supports all the basic integrations required:
- Product import from Flora@Home to WooCommerce
    - All the products selected from Flora@Home platform can be easily imported into Wordpress + WooCommerce.
- Order export from WooCommerce to Flora@Home
    - All the orders from WooCommerce are exported to Flora@Home Platform

The plugin is tested for and supports the following WooCommerce versions:
- WooCommerce 3.3+

For older versions no support is available. The plugin is tested on a 'clean' default installation of Wordpress 4.9.6 and WooCommerce 3.3.5.

Any issues caused by custom development on your Wordpress + WooCommerce environment or plugins installed, are not supported by Flora@Home

2   Flora@Home WooCommerce plugin installation

The WooCommerce plugin is intended for Flora@Home clients with a Wordpress + WooCommerce webshop and will connect the webshop to the Flora@Home Platform. This chapter will describe the installation steps for the plugin. For some of the steps you may need the help of your technical/system administrator.

It is strongly recommended install the plugin first on a test environment. Before installing the plugin on your production environment always make sure to take a backup of your webshop installation (all files and database).

After installation and configuration you can directly start using the plugin.
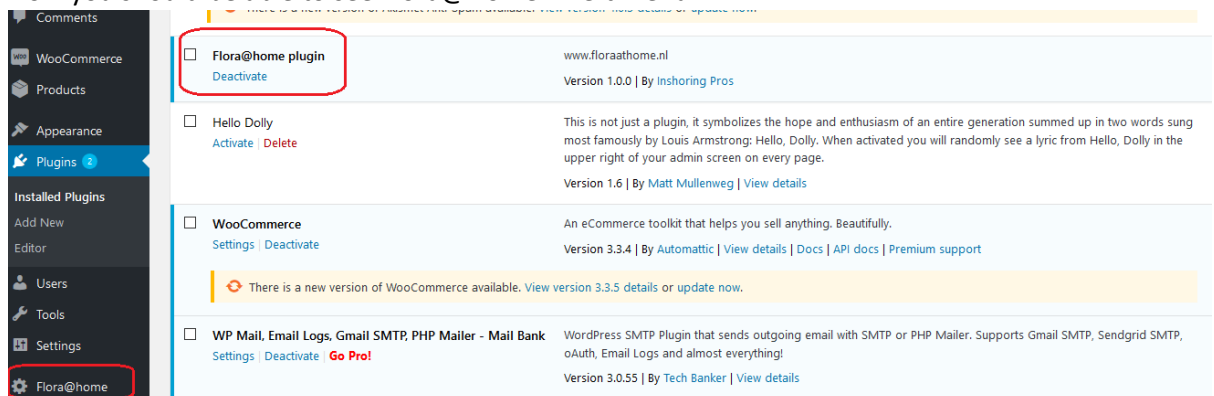
The plugin needs the following configuration:
- WordPress 4.9+
- WP Memory limit set to 128 MB (higher is preferred)
- WooCommerce 3.3.5
- PHP_CURL
- Php_exif
- Php_mbstring

Prior to installing the plugin you will need the Flora@Home account, API URL and API Token. These will be provided by Flora@Home.

2.1   Installation steps

To install the plugin you need to follow the steps described below.
1. Copy the plugin folder to WordPress Plugins folder.
2. Login into Admin Panel of WooCommerce.
3. Left Menu -> Plugins -> You should be able to see **Flora@home plugin. Activate it.**
4. Now you should be able to see Flora@Home in left menu.

2.2   Configuration steps

After installing the Plugin, you would be able to see Flora@Home Settings page in the left Menu.Click on Flora@Home settings page. Following page open.

2.2.1 General Settings –

General settings

Webshop Reference name	Postbloem
API URL	https://api.floraathome.nl/v1/ Default: https://api.floraathome.nl/v1/
API token	test_df4f5a701c9c6115d8488f2b8efcb4a10acd53a3
Admin email	Chitra.talda@inshoring-pros.com

1. In Webshop Reference name enter the webshop name for example – abc.com
2. In API URL enter the API URL. Currently Flora@Home API V1 is only supported.
3. In API token enter the correct API Token.
4. In Admin email enter the admin's email address.

2.2.2   Products import settings –

Products import settings

Import Schedule	Every 5 Minutes ˅
	Last import run: 2021-03-05 11:10:57
Product Sync Schedule	Every 5 Minutes ˅
	Last import run: 2021-03-05 11:10:59
Disable update product attributes	☐
Auto publish on webshop	☐
Auto calculate publish price	Fixed ˅
	Disable: Publishing price is not auto calculated. publishing price has to be input manually. Fixed: A fixed price is added to Flora@home price Percent: A percentage is added to Flora@home price
Auto calculate price	10
Put deleted products as Out of Stock	☑

1. Select Import Schedule. This setting is to schedule automatic update the flora@home product selection.
   a. If Disabled is chosen, the manual import will be required to be done.
   b. If any other value is chosen, the automatic product sync will run as per the option chosen.
2. Product Sync schedule: To sync products with Flora @home and WooCommerce. Recommended settings Once a day.
3. Disable update product attributes: Check this option if you want to do any customization in product attribute values, if left unchecked any change during product sync will override the changes done in the product attributes.
4. If Publish on webshop checked, then after import the products will be published to the catalog automatically. If it is unchecked, catalog visibility of products will be hidden and it would need manual publishing.
5. If Auto calculate publish price is disabled, then no price will be displayed after product import. The Flora@Home price of the product can be seen in the product attributes.
6. If Auto calculate publish price is set as "Fixed", then a fixed value will be added to the imported prices and the same will appear on the webshop. The value to be added should be entered in Auto calculate price input box. For example, if 10 is entered in the Auto calculate price input box, the price of each product will be incremented by 10.
7. If Auto calculate publish price is set as "Percentage", then percentage value will be added to the imported prices and the same will appear on the webshop. The percentage to be added should be entered in Auto calculate price input box. For example, if 10 is entered in the Auto calculate price input box, the price of each product will be incremented by 10%.
8. Put disabled products as Out of stock - Once products are removed from Assortment at Flora@home, the products in Woocommerce are moved to concept(Draft). To keep them in published status but mark them as Out of stock. Check this checkbox.

2.2.3 Order Export Settings –

1. Select Export Schedule. If Disabled is chosen, the manual export of the order would required to be done. If any other value is chosen, the automatic export will run as per the option chosen.
2. User can choose the order status for which the orders must be exported.
3. Click Save to save the settings.

2.3   Importing/Updating Flora@home products

1. Import Flora Products button is supposed to be used one time only to import flora products. If there are no products in the webshop, following screen will appear and use will get an option to import Flora Products-
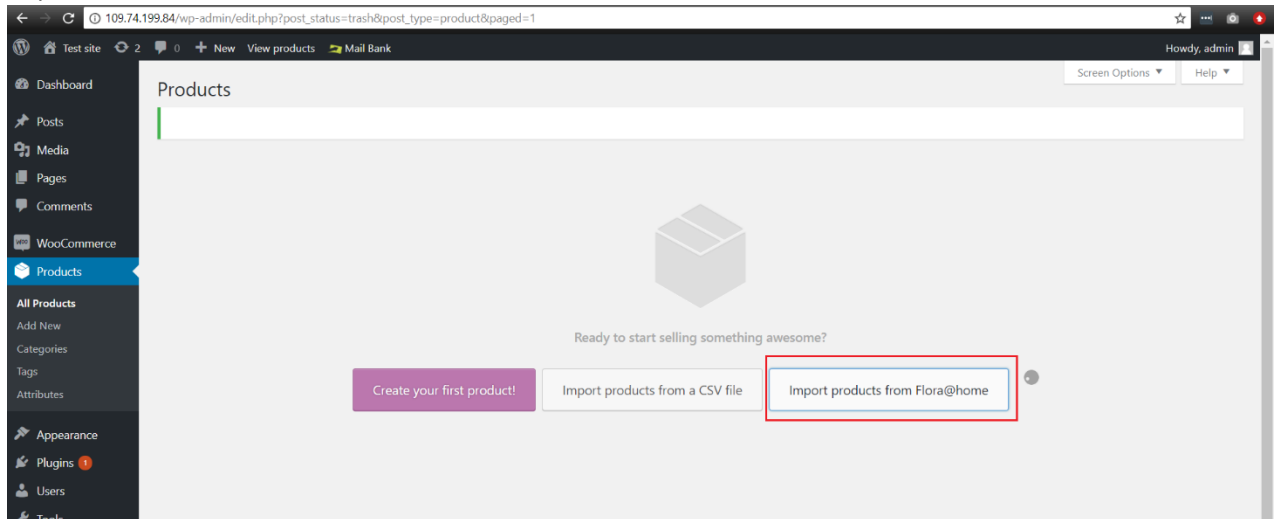

2. If there are existing non-flora products in the webshop, user will see the product list and 2 buttons to for Flora product import. Initially a full import should be run by clicking the button "Import Flora Products". Some important points regarding the Import Flora Products button

     i. It will create the product which does not exists.

     ii. It will not create a duplicate product with same product code.

   iii. It will not check for update in existing product.
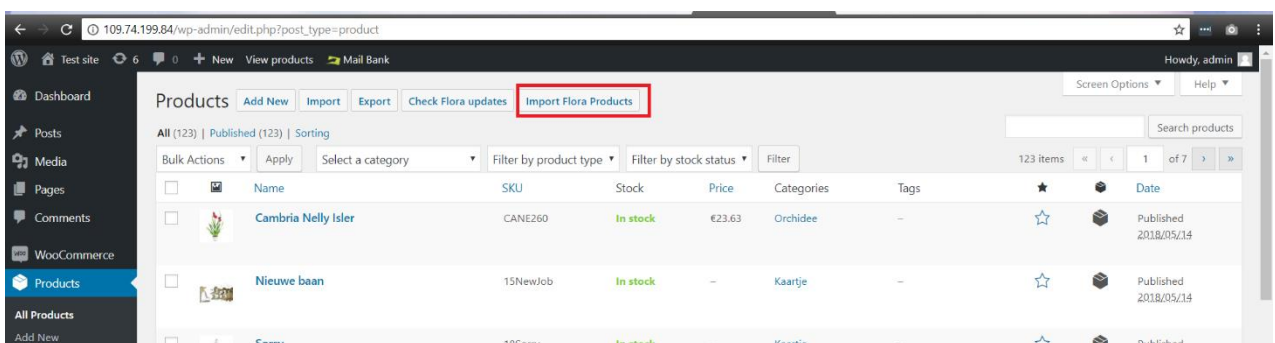
3. Use button "Check Flora updates" to get the product updates from Flora@Home Platform. Some important points regarding the Check Flora updates button
      i. There are three sets of data in products/update sync: Updated, Added and Deleted.
     ii. Products in updated dataset would be updated / added if not present.
    iii. Products in deleted dataset would be deleted if present in woocommerce
     iv. Products in added dataset would be added to woocommerce.
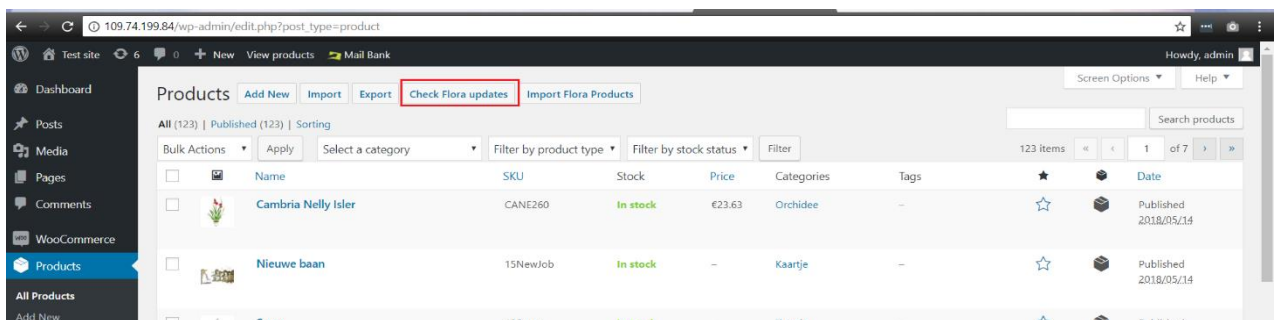
4. Import schedule can be setup to fetch updates from Flora@home portal. For example if in import schedule in Flora@Home settings page 5 minutes has been selected, the product updates will be imported every 5 minutes.
5. Product attributes –
      i. The product attributes can be seen in the product details page as follows -
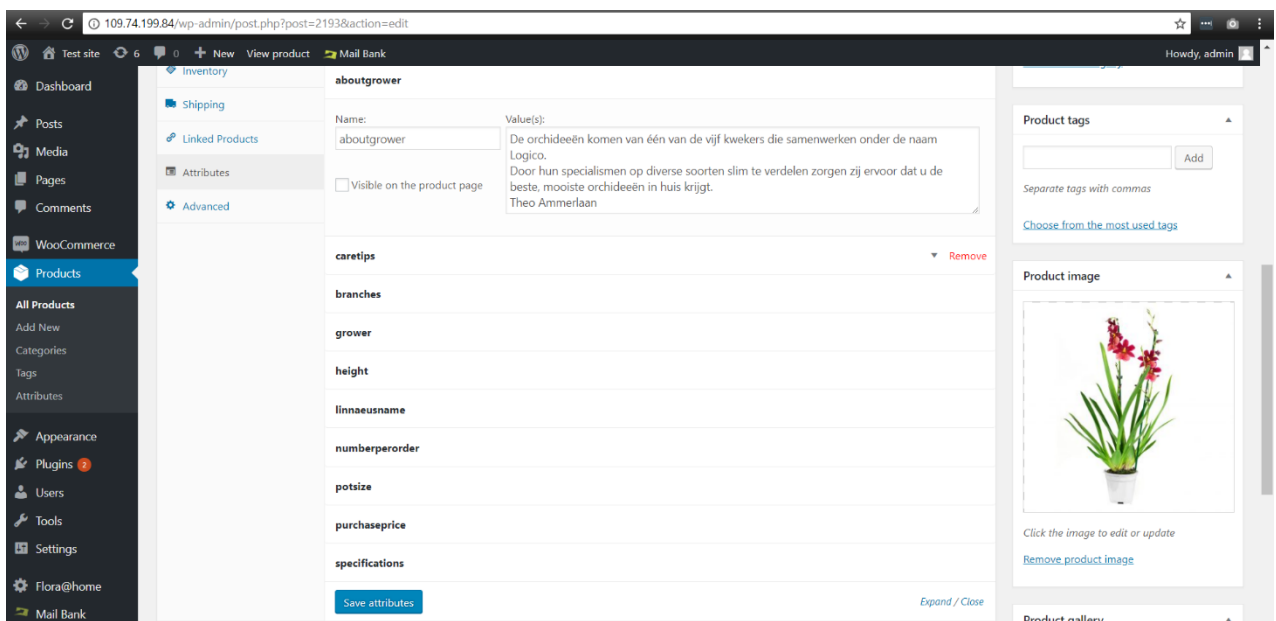
ii.   The Product attributes list can be managed from Left Menu – Products->Attributes. The list of existing attributes shows up

iii.   An Attribute label be edited by clicking on edit link below the attribute name. Important note: Only name can be changed; no other detail should be changed.

2.4 Exporting of flora@home orders

On the woocommerce Order screen, list of orders can be seen with two extra columns:

1. Export Status:
    a. Export Status : Not Exported.
        i. This will be set by default for all new orders.
    b. Export Status: Exported
        i. This means that order information is sent to Flora@home
    c. Export Status: No Flora Products
        i. This means that the order does not have any Flora@home line items and this order information would not be sent to Flora@home
2. Order Code:
    a. For successfully exported orders to Flora@home, order code generated by Flora@home platform would be set here.
    b. If the order code shows "Not Exported", the order has still not been sent to Flora@home.

3. Orders can be manually exported by Bulk Action "Export to Flora". Select the orders which need to be exported using check boxes on the left in the orders grid. Select the bulk action "Export to Flora" and click on "Apply" button.

2.5 Frequently Asked Questions (FAQ)

Q: After product import, images are not imported.

A: Since the images are large in size, import of images takes longer than other product data. In order not to stop the user from other actions, the product images get imported in background after other product data is imported. For any background process to run in wordpress, crons need to be setup correctly. Default wordpress crons get executed only when the page is reloaded or manually refreshed. If no page refresh occurs then the cron does not get executed.
Hence it is adviced to hook up the cron to system scheduler. This can be done through Cpanel.
For more details on setting up cron on C-panel, you can refer to the link below -
https://developer.wordpress.org/plugins/cron/hooking-wp-cron-into-the-system-task-scheduler/
https://www.siteground.com/tutorials/wordpress/real-cron-job/

Q: **My attributes get overwritten after product update.**
A: Ensure you have checked the checkbox as mentioned in section 2.2.2 # Point 3.

Q: Product image updates are very slow.
A: Please check max_execution_time settings in hosting cpanel. Please ensure that max_execution_time is set to atleast 5 mins (300 seconds).

Q: Which versions of Flora@Home API are supported by this plugin?
A: Currently only Flora@Home API V1 is supported.