

Register post type and taxonomy

```
// Custom post for plants
function plants_custom_init() {
    $labels = array(
        'name' => _x('Plants', 'post type general name'),
        'singular_name' => _x('plants', 'post type singular name'),
        'add_new' => _x('Add New', 'book'),
        'add_new_item' => __('Add New Plants'),
        'edit_item' => __('Edit Plants'),
        'new_item' => __('New Plants'),
        'all_items' => __('All Plants'),
        'view_item' => __('View Plants'),
        'search_items' => __('Search Plants'),
        'not_found' => __('No plants items found'),
        'not_found_in_trash' => __('No plants items found in Trash'),
        'parent_item_colon' => "",
        'menu_name' => __('Plants')
    );
    $args = array(
        'labels' => $labels,
        'public' => true,
        'publicly_queryable' => true,
        'show_ui' => true,
        'show_in_menu' => true,
        'query_var' => "plants",
        'rewrite' => array( 'slug' => 'plants' ),
        'capability_type' => 'post',
        'has_archive' => true,
        'hierarchical' => false,
        'menu_position' => 4,
        'supports' => array( 'title', 'editor', 'thumbnail' )
    );
    register_post_type('plants', $args);

    $labels = array(
        'name' => _x( 'Plants Categories', 'taxonomy general name' ),
        'singular_name' => _x( 'Plants Category', 'taxonomy singular name' ),
        'search_items' => __('Search Plants Categories' ),
        'all_items' => __('All Plants Categories' ),
        'edit_item' => __('Edit Plants Category' ),
        'update_item' => __('Update Plants Category' ),
        'add_new_item' => __('Add New Plants Category' ),
        'new_item_name' => __('New Plants Category Name' ),
        'menu_name' => __('Categories' ),
    );
}
```

```

register_taxonomy('plants-category',
                array('plants', 'post'),
                array(
                    'hierarchical' => true,
                    'labels' => $labels,
                    'show_ui' => true,
                    'query_var' => true,
                    'rewrite' => array( 'slug' => 'plants-cat' ),
                ));
flush_rewrite_rules( false );

}
add_action( 'init', 'plants_custom_init' );

// add custom column in plants custom post type
add_filter('manage_plants_posts_columns', 'plants_category_columns_head');
function plants_category_columns_head($defaults) {
    $defaults['plants_category'] = 'Category';
    return $defaults;
}
//Add rows data
add_action('manage_plants_posts_custom_column', 'manage_plants_columns_content', 10, 2);
function manage_plants_columns_content($column_name, $post_id) {
    if ($column_name == 'plants_category') {
        $categories = get_the_terms($post_id, "plants-category");
        //echo "<pre>";print_r($categories);echo "</pre>";
        $catName = "";
        if ($categories) {
            foreach($categories as $cat){
                $catName .= ($catName != " ? "<br>".$cat->name : $cat->name);
            }
        }
        echo $catName;
    }
}
// Make these columns sortable
add_filter( 'manage_edit-plants_sortable_columns', 'palnts_category_sortable_column' );
function palnts_category_sortable_column( $columns ) {
    $columns['plants_category'] = 'plants-cat';
    //To make a column 'un-sortable' remove it from the array
    //unset($columns['date']);
    return $columns;
}

```
