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**Summary.** *The results of biennial research parameters of accumulation of major groups of bioflavonoids in assimilating and generative organs of evergreen and deciduous rhododendrons from the collection of the Central Botanical Garden of NAS of Belarus are presented. Scientifically proved the feasibility of using these parts of plants as sources of P-vitamins for drug immunomodulatory action and identifies the most promising taxa for such use.*

*Rhododendron* L. . *Ericaceae*,

, 2011-2012 .

*Rh. dauricum* L., 2

– *Rh. japonicum* (A. Gray) Suring *Rh. luteum* (L.) Sweet,

),

.), 4

– *Rh. catawbiense* Michx.,

*Rh. brachycarpum* D. Don, *Rh. smirnowii* Trautv., *Rh. fortunei* Lindl.

- T. Swain, W. E. Hillis [5],

[3],

[4];

[2];

3-

[1].

Excel.

16268-35742 %

- 3434-10400,

- 7921-23383,

- 2555-8074 %, (

5846-35528 %, 3868-14840, 1236-21418 658-

6923 %.

4 ,

*Rh. smirnowii*

- *Rh. fortunei*

*Rh.*

*Rh. luteum,*  
*brachycarpum,*

*Rh. dauricum.*

*Rh. luteum*

- *Rh. smirnowii.*

*Rh.*

-  
*brachycarpum*

*Rh. luteum,*  
*Rh. dauricum.*

*Rh. smirnowii*, *Rh. dauricum*  
*Rh. luteum*.  
*Rh. brachycarpum* *Rh. smirnowii*  
*Rh. japonicum*. Rh.  
brachycarpum – *Rh. japonicum*.  
*Rh. dauricum* *Rh. fortunei*, – *Rh. luteum*.  
*Rh. dauricum* *Rh. smirnowii*,  
–  
*Rh. luteum* *Rh. dauricum*,  
*Rh. catawbiense* *Rh. fortunei*.  
*Rh. brachycarpum* *Rh. luteum*,  
– *Rh. dauricum*,  
–  
– *Rh. luteum*,  
*Rh. japonicum* *Rh. luteum*,  
*Rh. fortunei*.  
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430 .  
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( . . . ) , . . . // . 3 .  
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