

# Crossing possibilities

In general, all species and varieties can be intercrossed. All bastards produced with  $2n = 14$  (diploid) are still fertile and set seed, one can propagate generatively. The same is true for the  $2n = 28$  (tetraploid). If one should now cross the diploids with the tetraploids, this results in sterile offspring, which one would then have to propagate by division (vegetatively).

Formula:  $14 + 28 = 42 : 2 = 21$  odd chromosomes = sterile.

## Diploide Serie

mit  $2n=14$  sind

<i>Hepática nóbilis</i> (v. <i>nóbilis</i> )	—	Europa,
<i>Hepática nóbilis</i> var. <i>acúta</i>	}	Nordamerika
<i>Hepática nóbilis</i> var. <i>obtúsa</i>		
<i>Hepática nóbilis</i> var. <i>asiática</i>	}	Nordostasien
<i>Hepática nóbilis</i> var. <i>japónica</i>		
<i>Hepática nóbilis</i> var. <i>insuláris</i>		
<i>Hepática máxima</i>		
<i>Hepática falcóneri</i>		

## Tetraploide Serie

mit  $2n=28$  sind

<i>Hepática transsilvánica</i>	—	Europa
<i>Hepática hénryi</i>	}	Nordostasien
<i>Hepática nóbilis</i> var. <i>pubéscens</i>		
<i>Hepática yamatútai</i>		

Now the question arises lately, how do you name the multitude of possibilities? I can only give my own opinion here:

One should include all bastards who are sterile under the alias

Continue *H. x media*, with the addition of the crossing partners. E.g. *Hepatica x media* ( *transsilvanica x nobilis* var. *japonica* )

If necessary, you can also write the respective variety

Those that ensure generative offspring could then be called *Hepatica x hybrids*, and here too it would be desirable to put the crossing partners in ( ).

E.g. *Hepatica hybrid`variety name`* (*nobilis x maxima*)

I find the suggestion from one side to give the respective crossings their own name impractical. We would then have a myriad of different designations, which then make it difficult to get an overview

The discussion about this is also open and may also be conducted, please.

In any case, a certain transparency should be maintained when naming in order to understand what the needs of the respective descendants are.

A sensitive subject, I know, but this has to be initiated! Doctors and professors can write their work about it.

Let's do it!