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Giemsa C-Banded Karyotypes of *Vicia cracca* L. subsp. *cracca* and *V. bithynica* L.

of

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Abstract: The distribution of heterochromatin on the chromosomes of *V. cracca* L. subsp. *cracca* ($2n = 14$) and *V. bithynica* L. ($2n = 14$) was established with the aid of the C-banding technique. The chromosomes of both species have centromeric C-bands. When compared, prominent bands at the ends of the short arms on 4 chromosomes of *V. cracca* subsp. *cracca* were observed, while in *V. bithynica* only 1 chromosome had a prominent band at the end of the long arm. The C-banding patterns in the 2 species were different, and it was determined that heterochromatic regions were more dense on the chromosomes of *V. cracca* subsp. *cracca*. The present results are compared with previously published data on *Vicia* species.

 [Keywords](#)
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Key Words: *Vicia*, karyotype, C-banding, heterochromatin



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