Results similar to those presented in the Table were obtained by soaking seeds of *R. humilis* for 48 hr in GA₃ solutions or by keeping seeds on filter paper moistened with solutions of gibberellic acid throughout the germination period.

In nature seeds of *R. humilis* mature and are dispersed in autumn. During the winter they undergo a period of low-temperature after-ripening and then germinate at the higher spring temperatures. Replacement of the chilling requirement in seeds of *R. humilis* by GA₃ may mean that gibberellins are synthesized during the winter dormant period in nature. In seeds of *Corylus avellana* endogenous gibberellins were found in chilled but not in non-chilled seeds (Frankland and Wareing, 1962).

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References

- Baskin, C. C., Baskin, J. M.: Germination and dormancy in cedar glade plants. IV. *Isanthus brachiatus*, *Panicum capillare*, *Cyperus inflexus*, *Eragrostis spectabilis* and *Ruellia humilis*. J. Tenn. Acad. Sci. **44**, 69-70 (1969).
 Frankland, B.: Effect of gibberellic acid, kinetin and other substances on seed dormancy. Nature (Lond.) **192**, 678-679 (1961).
 — Wareing, P. F.: Changes in endogenous gibberellins in relation to chilling of dormant seeds. Nature (Lond.) **194**, 313-314 (1962).
 — — Hormonal regulation of seed dormancy in hazel (*Corylus avellana* L.) and beech (*Fagus sylvatica* L.). J. exp. Bot. **17**, 596-611 (1966).
 Vegis, A.: Dormancy in higher plants. Ann. Rev. Plant Physiol. **15**, 185-215 (1964).

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Erratum

Effect of Oxygen Concentration on Leaf Photosynthesis and Resistances to Carbon Dioxide Diffusion

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Planta (Berl.) **91**, 285-290 (1970)

Eq. (4) should read:

$$C_c = C_i - r_m(P_N + R_L)$$

and Eq. (5) should read:

$$C_i = C_a - (r_a + r_s) P_N$$