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***Corylus* ‘Władysław Bugała’ – a new purple-leaved
cultivar of hazel**

Corylus ‘Władysław Bugała’ – nowy kultywar leszczyny
o purpurowych liściach

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ABSTRACT: A new purple-leaved cultivar of *Corylus* is described and illustrated. It is characterized by deeply purple leaves in spring, turning dark green in summer and by deeply incised purple-red fruit involucre contrasting with green summer foliage. It has been found among seedlings of *C. colurna* L. and is probably a hybrid of this species with *C. avellana* L. ‘Fuscorubra’.

Key words: hybrid, *Corylus colurna*, *Corylus avellana* ‘Fuscorubra’

Shrub c. 3 m tall, with short suckers. Current year’s twigs densely pubescent, purple, annual and older branchlets brown. Bark distinctly fissured. Foliage deeply purple in spring turning green in summer, except the youngest leaves. Leaves broadly-elliptic to orbicular in outline, the largest ones 11-15 cm long, 11-13 cm broad, deeply cordate at base, with cuspidate apex 1-1.5 cm long, sharply compound-serrate, softly pubescent above, short-hairy on the veins beneath. Petioles 2-3 cm long, ± pubescent and with stipitate glands. Infructescence with

(2-)3-5 fruits, \pm pendent. Involucre 2-2.5 cm long, distinctly longer than fruit, thick, incised to 1/2-2/3, \pm densely hairy and stipitate-glandular, purple-red. Nut 1.7-2 cm long, broadly ovoid in outline, brown when mature.

The maternal plant, vegetatively propagated, grows in the private garden of the second author, its progeny in the Kórnik Arboretum. The type herbarium material is kept at the herbarium of the Institute of Dendrology in Kórnik (KOR).

The origin of the above-described cultivar is connected with the purple-leaved plant which appeared about ten years ago among seedlings of *Corylus colurna* L. growing in the Kórnik Arboretum. Two years ago first fruits appeared on this peculiar hazel and then it became obvious that it does not represent the pure *C. colurna* but probably it is a hybrid with *C. avellana* 'Fuscorubra'.

The new plant is \pm intermediate between the parent species. Beside the colour of foliage it differs from *Corylus colurna* by shrubby habit and less lacinate fruit involucre, while from *C. avellana* by longer and more deeply incised, glandular involucre. The hybrid of *C. colurna* and *C. avellana* is known as *C. \times colurnoides* C. K. Schneid. (Schneider 1906), but the purple-leaved form of this hybrid hazel has not been reported until now.

Corylus 'Władysław Bugała' is very attractive in spring when all leaves are purple, but also in summer when its pendent fruit subtended by purple-red involucre contrast with the green foliage. It can be planted as ornamental plant but also for relatively large fruits.

The name of the new cultivar we give in honour of Władysław Bugała, Professor of the Institute of Dendrology, Kórnik, the leading expert in dendrology.

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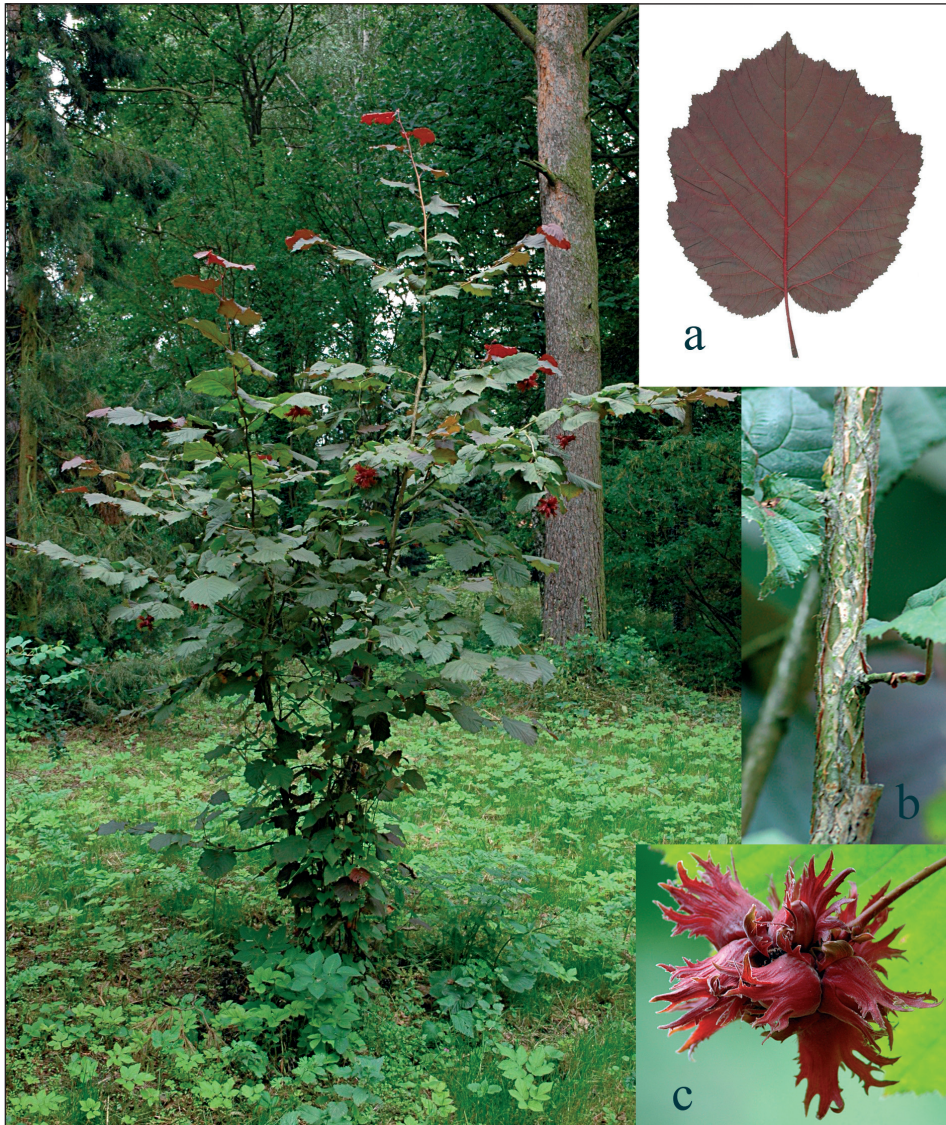


Fig. 1. *Corylus 'Władysław Bugała'*; a – leaf from the terminal twig, b – fragment of few-years' branchlet with fissured bark resembling that of *C. colurna*, c – fruits
Phot. by M. Dziurla (9 July 2007)

Ryc. 1. *Corylus 'Władysław Bugała'*; a – liść z górnej części długopędu, b – kilkuletni pęd z korą spękaną charakterystycznie dla *C. colurna*. c – owoce
Fot. M. Dziurla (9 lipca 2007)

