Ghent University Botanical Garden

The genus ***Betula*** L.

(Betulaceae)

Images

Jan De Langhe

(10 September 2008)

Betula systematical overview:

- I - ***ACUMINATAE - Acuminatae***
- II - ***ASPERAE - Asperae***
- III - ***ASPERAE - Lentae***
- IV - ***BETULA - Apterocaryon*** and ***BETULA - Betula***
- V - ***BETULA - Betulae***
- VI - ***BETULA - Costatae , BETULA - Dahuricae*** and ***NIPPONOBETULA - Nipponobetula***

Betula taxa numerical overview:

-01- ***Betula alnoides*** subsp. ***alnoides*** (JDL016385-MFOSTwld-08MAY2008) ***-ACUMINATAE/Acuminatae-***
-02- ***Betula alnoides*** subsp. ***alnoides*** (JDL016502-MFOSTwld-21AUG2008) ***-ACUMINATAE/Acuminatae-***
-03- ***Betula alnoides*** subsp. ***luminifera*** (JDL000733-WPA2858108666wld-07JUL1992) ***-ACUMINATAE/Acuminatae-***
-04- ***Betula alnoides*** subsp. ***luminifera*** (JDL016452-WPA19818405-28JUL2008) ***-ACUMINATAE/Acuminatae-***
-05- ***Betula maximowicziana*** (JDL016384-AHW92697-07MAY2008) ***-ACUMINATAE/Acuminatae-***
-06- ***Betula maximowicziana*** (JDL007849-HA8262-12080724wld-05SEP1994) ***-ACUMINATAE/Acuminatae-***
-07- ***Betula bomiensis*** (JDL015808-MFOST-KR6371wld-02AUG2006) ***-ASPERAE/Asperae-***
-08- ***Betula bomiensis*** (JDL016509-MFOST-KR6371wld-21AUG2008) ***-ASPERAE/Asperae-***
-09- ***Betula calcicola*** (JDL016454-HGAA19872161wld-30JUL2008) ***-ASPERAE/Asperae-***
-10- ***Betula calcicola*** (JDL016454-HGAA19872161wld-30JUL2008) ***-ASPERAE/Asperae-***
-11- ***Betula chichibuensis*** (JDL016382-VGAD2000RD01256wld-27MAY2008) ***-ASPERAE/Asperae-***
-12- ***Betula chichibuensis*** (JDL016458-HGAA19880834-30JUL2008) ***-ASPERAE/Asperae-***
-13- ***Betula chinensis*** (JDL016381-AHW98119wld-14MAY2008) ***-ASPERAE/Asperae-***
-14- ***Betula chinensis*** (JDL016457-HGAA19762209-30JUL2008) ***-ASPERAE/Asperae-***
-15- ***Betula delavayi*** (JDL013517-WPA19883494wld-21JUL1999) ***-ASPERAE/Asperae-***
-16- ***Betula delavayi*** (JDL016460-HGAA19921579wld-30JUL2008) ***-ASPERAE/Asperae-***
-17- ***Betula fargesii*** (JDL016451-WPA19888352wld-28JUL2008) ***-ASPERAE/Asperae-***
-18- ***Betula fargesii*** (JDL016451-WPA19888352wld-28JUL2008) ***-ASPERAE/Asperae-***
-19- ***Betula potaninii*** (JDL016380-MFOST-08MAY2008) ***-ASPERAE/Asperae-***
-20- ***Betula potaninii*** (JDL016453-WPA19888455wld-28JUL2008) ***-ASPERAE/Asperae-***
-21- ***Betula schmidtii*** (JDL016199-HBUG19804492wld-22OCT2007) ***-ASPERAE/Asperae-***
-22- ***Betula schmidtii*** (JDL016394-VGAD2001RD00619wld-27MAY2008) ***-ASPERAE/Asperae-***
-23- ***Betula alleghaniensis*** (JDL016387-AHW88167-07MAY2008) ***-ASPERAE/Lentae-***
-24- ***Betula alleghaniensis*** (JDL016386-VGAD1900ZG03517-27MAY2008) ***-ASPERAE/Lentae-***
-25- ***Betula globispica*** (JDL016399-HBUG20041068wld-23JUN2008) ***-ASPERAE/Lentae-***
-26- ***Betula globispica*** (JDL016507-MFOSTwld-21AUG2008) ***-ASPERAE/Lentae-***
-27- ***Betula grossa*** (JDL016392-AHW88077wld-07MAY2008) ***-ASPERAE/Lentae-***
-28- ***Betula grossa*** (JDL016391-VGAD1999RD00350wld-27MAY2008) ***-ASPERAE/Lentae-***
-29- ***Betula insignis*** (JDL016462-WPA19858650wld-28JUL2008) ***-ASPERAE/Lentae-***
-30- ***Betula lenta*** (JDL016394-AHW96124wld-14MAY2008) ***-ASPERAE/Lentae-***
-31- ***Betula lenta*** (JDL016394-AHW96124wld-14MAY2008) ***-ASPERAE/Lentae-***
-32- ***Betula lenta*** f. ***uber*** (JDL016395-VGAD1982RD00338-27MAY2008) ***-ASPERAE/Lentae-***
-33- ***Betula lenta*** f. ***uber*** (JDL016508-MFOSTwld-21AUG2008) ***-ASPERAE/Lentae-***
-34- ***Betula medwediewii*** (JDL016195-AHLE00002215-16OCT2007) ***-ASPERAE/Lentae-***
-35- ***Betula medwediewii*** (JDL016388-AHW86234-04JUN2008) ***-ASPERAE/Lentae-***
-36- ***Betula fruticosa*** (JDL016466-WPA19888342-30JUL2008) ***-BETULA/Apterocaryon-***
-37- ***Betula nana*** (JDL007749-HA1581wld-04SEP1994) ***-BETULA/Apterocaryon-***
-38- ***Betula nana*** (JDL016455-WPA19828326-28JUL2008) ***-BETULA/Apterocaryon-***
-39- ***Betula ovalifolia*** (JDL016369-AHW91355-04JUN2008) ***-BETULA/Apterocaryon-***
-40- ***Betula ovalifolia*** (JDL016505-MFOST-wld-21AUG2008) ***-BETULA/Apterocaryon-***
-41- ***Betula pumila*** (JDL014132-HGAA19940967wld-26AUG2000) ***-BETULA/Apterocaryon-***
-42- ***Betula cordifolia*** (JDL016510-MFOSTwld-21AUG2008) ***-BETULA/Betulae-***
-43- ***Betula microphylla*** (JDL016370-VGAD1979RD00213wld-27MAY2008) ***-BETULA/Betulae-***
-44- ***Betula occidentalis*** (JDL016397-AHW07146wld-25JUN2008) ***-BETULA/Betulae-***
-45- ***Betula occidentalis*** (JDL016396-AHW07147wld-18JUN2008) ***-BETULA/Betulae-***
-46- ***Betula papyrifera*** (JDL016396-HBUG19710034wld-23JUN2008) ***-BETULA/Betulae-***
-47- ***Betula papyrifera*** (JDL016410-NPVBM19991611-08wld-09JUL2008) ***-BETULA/Betulae-***
-48- ***Betula pendula*** (JDL007883-HA46381-14050121wld-06SEP1994) ***-BETULA/Betulae-***
-49- ***Betula pendula*** (JDL016493-DIV-Moeie16-Eeklo-11AUG2008) ***-BETULA/Betulae-***
-50- ***Betula pendula*** subsp. ***platyphylla*** (JDL016367-AHW88086wld-07MAY2008) ***-BETULA/Betulae-***
-51- ***Betula pendula*** subsp. ***platyphylla*** (JDL016411-NPVBM19921855-92wld-09JUL2008) ***-BETULA/Betulae-***
-52- ***Betula pendula*** subsp. ***szechuanica*** (JDL016407-AHW95311wld-25JUN2008) ***-BETULA/Betulae-***
-53- ***Betula populifolia*** (JDL016398-AHW99184wld-14MAY2008) ***-BETULA/Betulae-***
-54- ***Betula populifolia*** (JDL016470-WPA2002883wld-28JUL2008) ***-BETULA/Betulae-***

-55- ***Betula pubescens*** (JDL016375-AHW98511wld-07MAY2008) ***-BETULA/Betulae-***
-56- ***Betula utilis*** (JDL016379-AHW89347wld-04MAY2008) ***-BETULA/Betulae-***
-57- ***Betula utilis*** var. ***albosinensis*** (JDL016366-AHW98817-04JUN2008) ***-BETULA/Betulae-***
-58- ***Betula utilis*** var. ***jacquemontii*** (JDL016378-AHW89346wld-04MAY2008) ***-BETULA/Betulae-***
-59- ***Betula utilis*** var. ***occidentalis*** (JDL016401-AHW83813wld-25JUN2008) ***-BETULA/Betulae-***
-60- ***Betula costata*** (JDL016400-AHW92047wld-25JUN2008) ***-BETULA/Costatae-***
-61- ***Betula ermanii*** (JDL016390-VGAD1980RD00175wld-27MAY2008) ***-BETULA/Costatae-***
-62- ***Betula ermanii*** (JDL016389-AHW05058wld-07MAY2008) ***-BETULA/Costatae-***
-63- ***Betula dahurica*** (JDL016372-VGAD1980RD00420wld-27MAY2008) ***-BETULA/Dahuricae-***
-64- ***Betula dahurica*** (JDL016371-AHW93007wld-18JUN2008) ***-BETULA/Dahuricae-***
-65- ***Betula nigra*** (JDL016374-VGAD2001RD284-27MAY2008) ***-BETULA/Dahuricae-***
-66- ***Betula nigra*** (JDL016373-AHW88173-18JUN2008) ***-BETULA/Dahuricae-***
-67- ***Betula raddeana*** (JDL011768-NBGULwld-31JUL1997) ***-BETULA/Dahuricae-***
-68- ***Betula raddeana*** (JDL016413-NPVBM19801653-09JUL2008) ***-BETULA/Dahuricae-***
-69- ***Betula apoiensis*** (JDL016405-HBUG19804824wld-23JUN2008) ***-BETULA-***
-70- ***Betula apoiensis*** (JDL016408-AHW06005-25JUN2008) ***-BETULA-***
-71- ***Betula corylifolia*** (JDL007794-HA385-77/13073110wld-05SEP1994) ***-NIPPONOBETULA-***
-72- ***Betula corylifolia*** (JDL011874-NBGULwld-31JUL1997) ***-NIPPONOBETULA-***

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-59- ***Betula utilis*** var. ***occidentalis*** (JDL016401-AHW83813wld-25JUN2008) ***-BETULA/Betulae-***

dimensions

1 cm **= 1 cm**

sources

AHLE	**Arboretum Het Leen, Eeklo (B)**
AHW	**Arboretum Wespelaar (B)**
HA	**Horsholm Arboretum (DK)**
HBUG	**Hortus Botanicus Universiteit Gent (B)**
HGAA	**Hillier Gardens & Arboretum, Ampfield (GB)**
MFOST	**Maurice Foster (GB)**
NBGUL	**Ness Botanical Gardens, University Liverpool (GB)**
NPVBM	**Nationale Plantentuin, Meise (B)**
VGAD	**Von Gimborn Arboretum, Doorn (NL)**
WPA	**Wakehurst Place, Ardingly (GB)**

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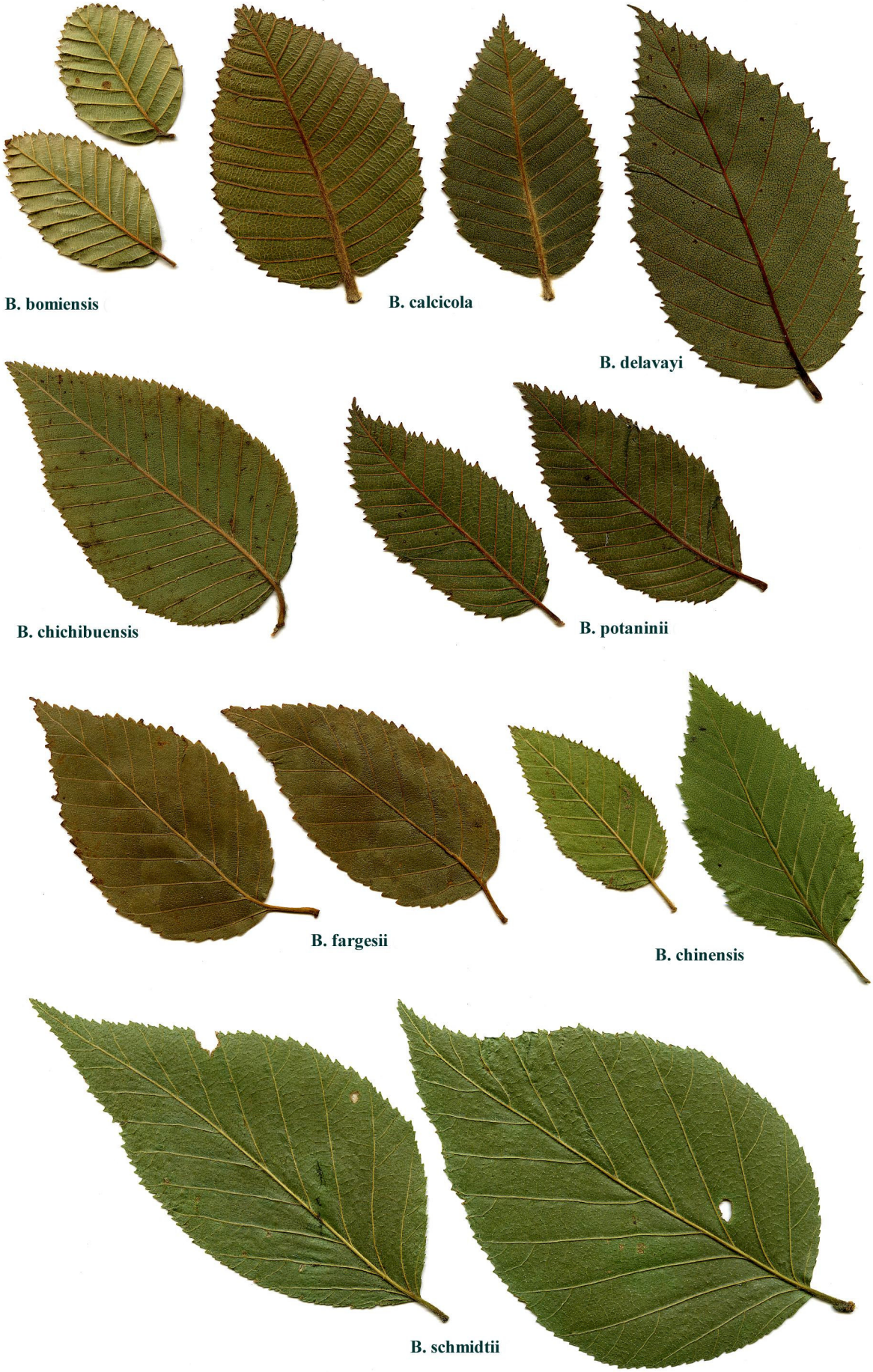
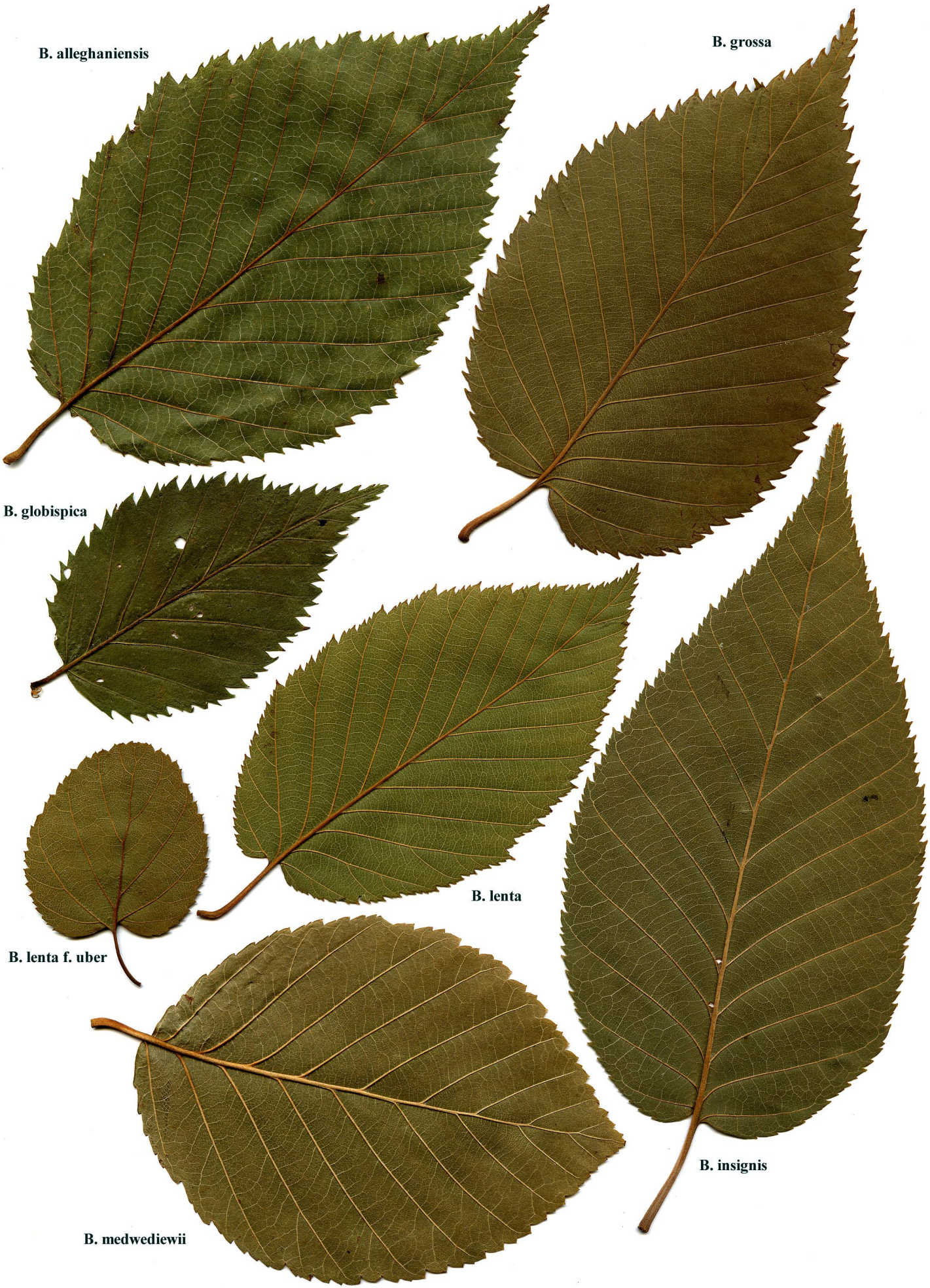
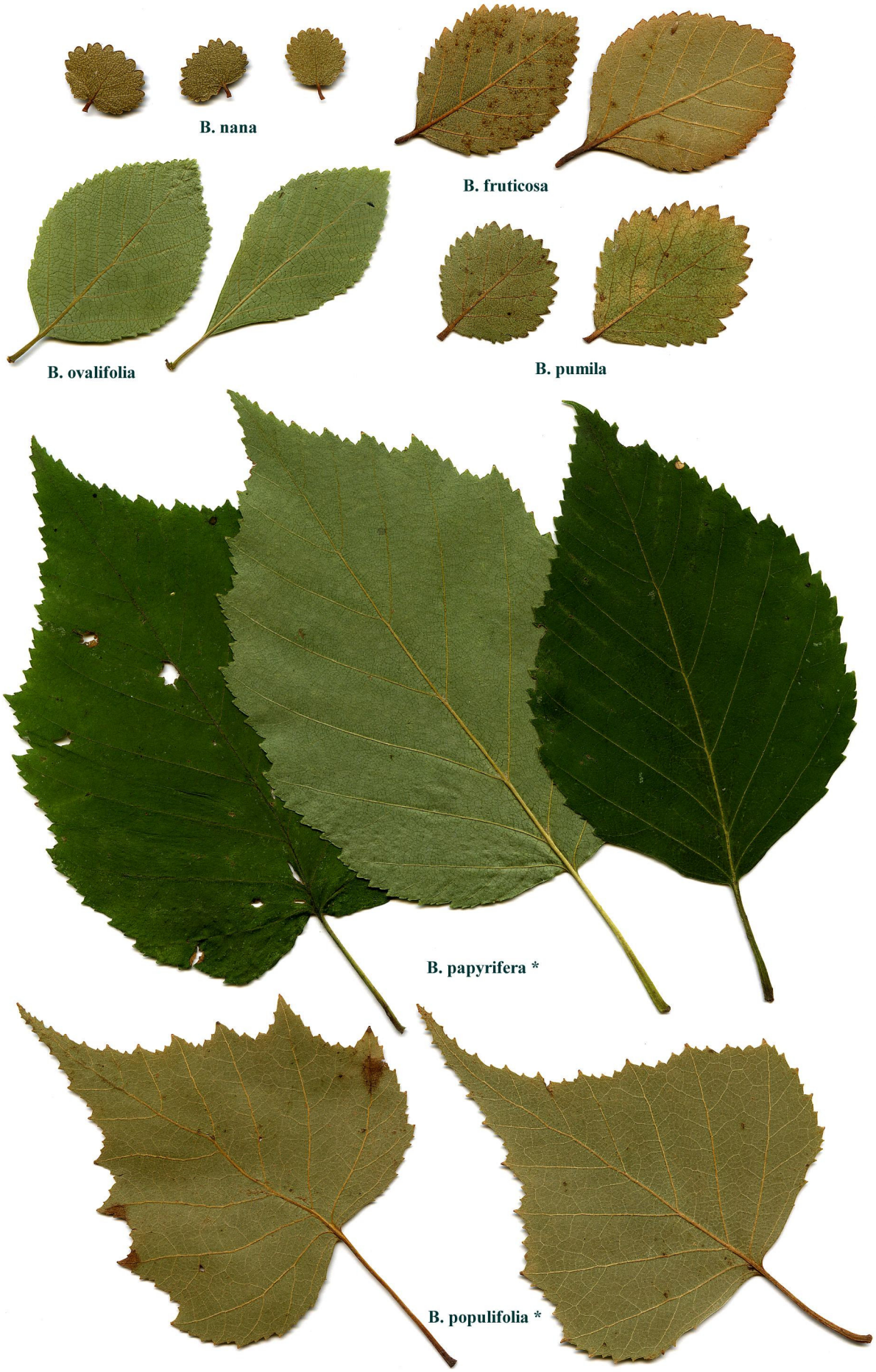
- I - ***ACUMINATAE - Acuminatae*** (1:1)



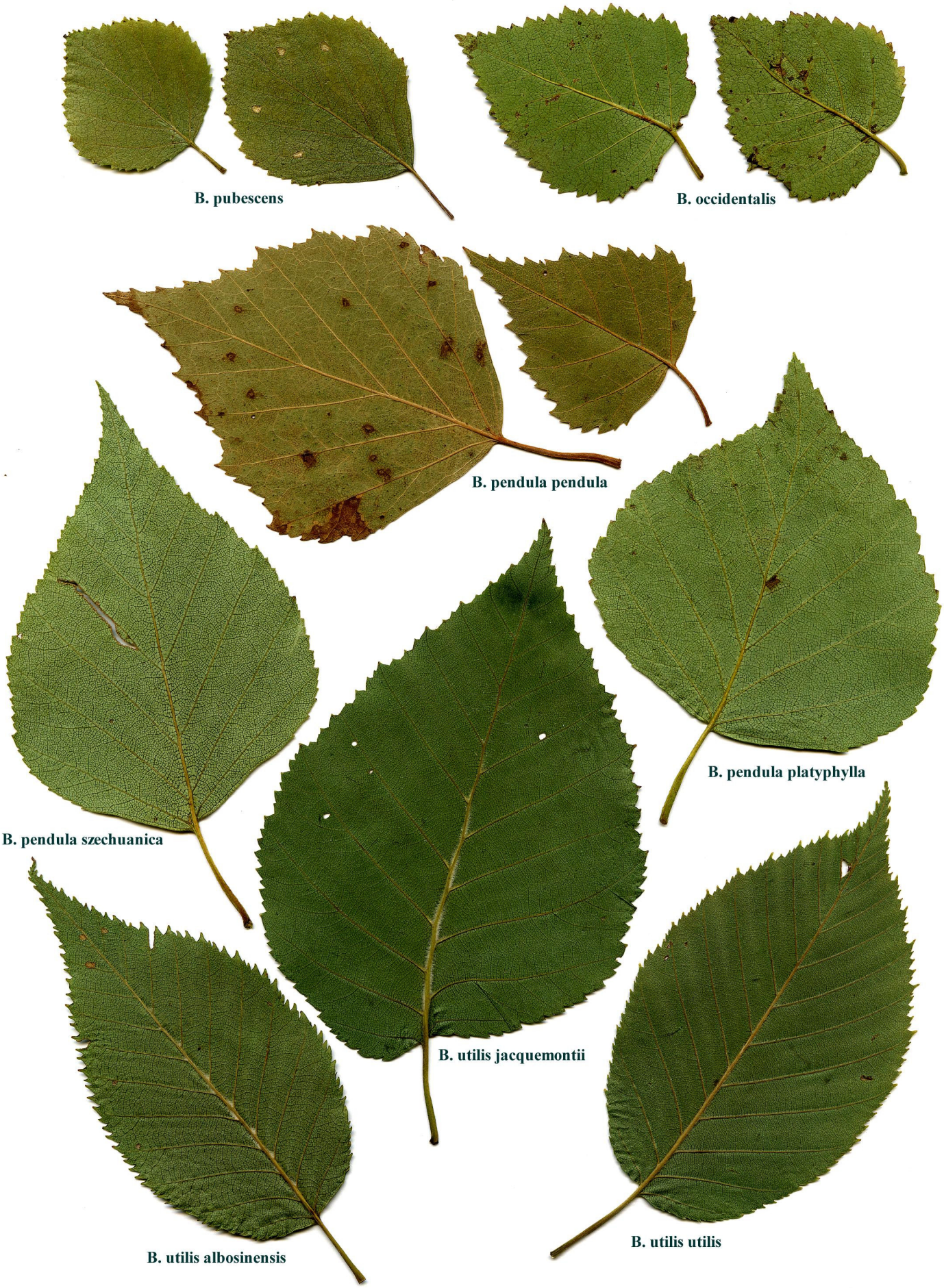
- II - ***ASPERAE - Asperae*** (1:1)



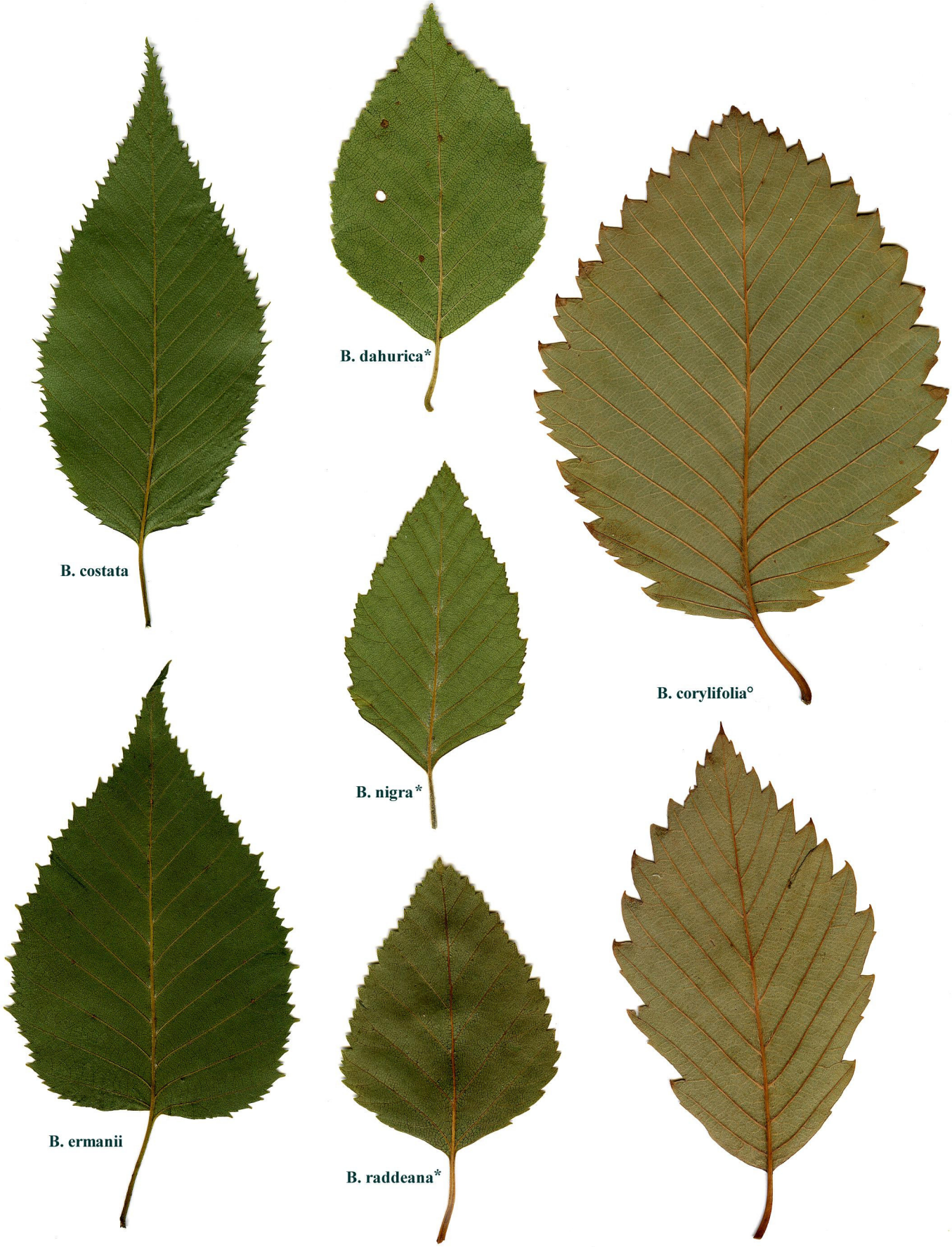
- III - ***ASPERAE - Lentae*** (1:1)



- IV - ***BETULA - Apterocaryon BETULA - Betulae**** (1:1)



- V - ***BETULA - Betulae*** (1:1)



- VI - ***BETULA - Costatae*** ***BETULA - Dahuricae**** ***NIPPONOBETULA - Nipponobetula°*** (1:1)

-01- ***Betula alnoides*** subsp. ***alnoides*** (JDL016385-MFOSTwld-08MAY2008) ***-ACUMINATAE/Acuminatae-***

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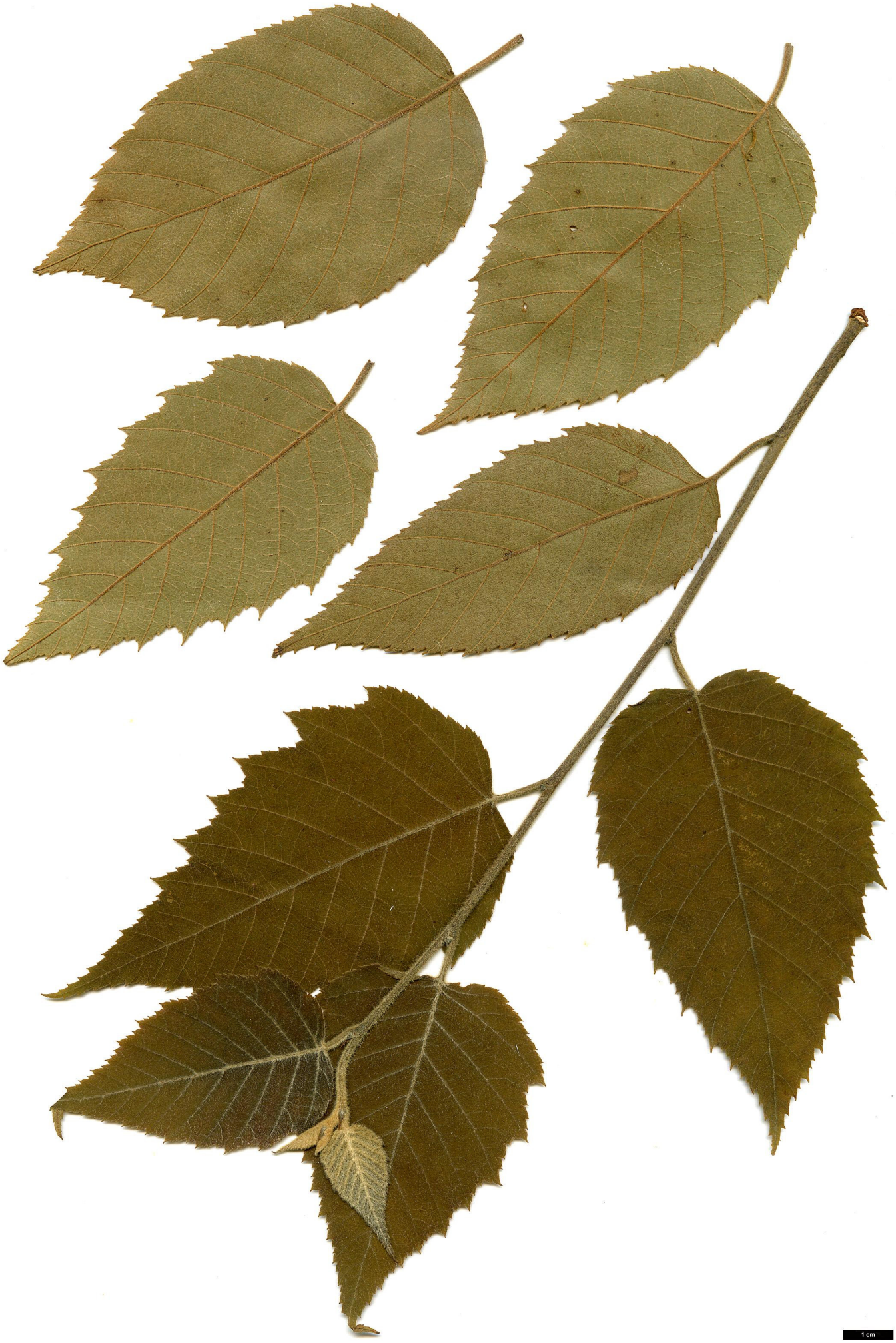

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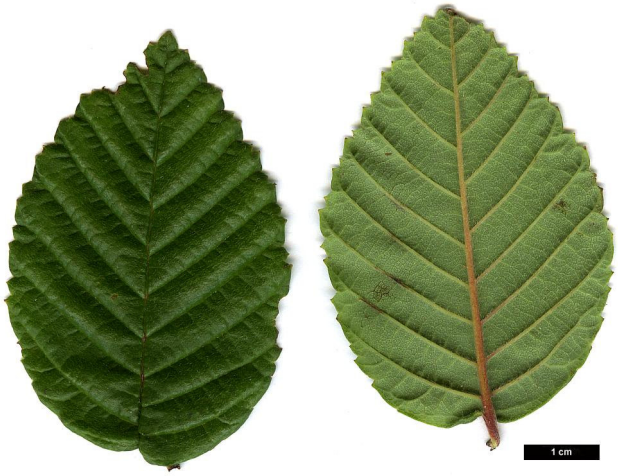
-05- ***Betula maximowicziana*** (JDL016384-AHW92697-07MAY2008) ***-ACUMINATAE/Acuminatae-***

-06- ***Betula maximowicziana*** (JDL007849-HA8262-12080724wld-05SEP1994) ***-ACUMINATAE/Acuminatae-***



-07- ***Betula bomiensis*** (JDL015808-MFOST-KR6371wld-02AUG2006) ***-ASPERAE/Asperae-***

-08- ***Betula bomiensis*** (JDL016509-MFOST-KR6371wld-21AUG2008) ***-ASPERAE/Asperae-***

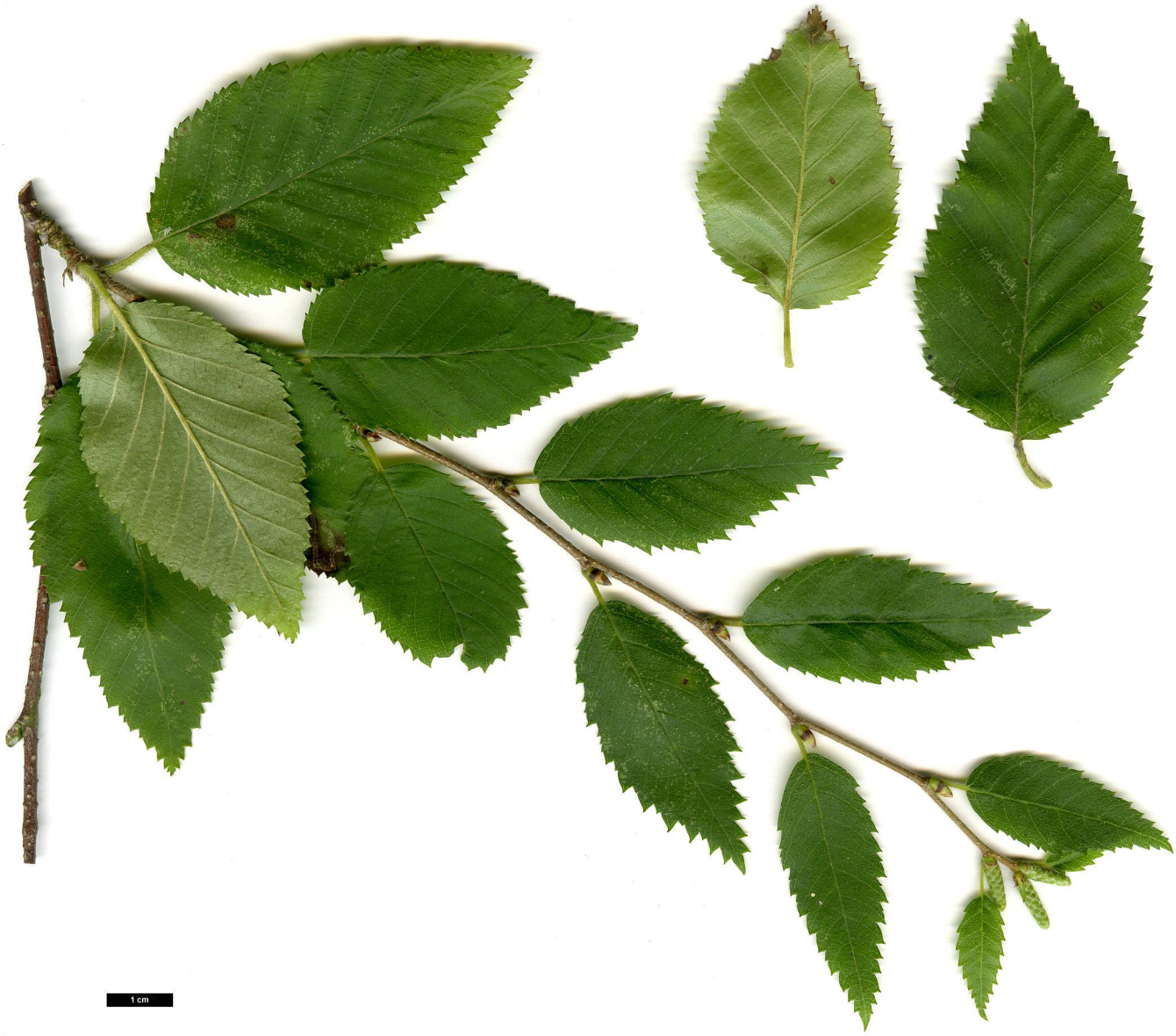
-09- ***Betula calcicola*** (JDL016454-HGAA19872161wld-30JUL2008) ***-ASPERAE/Asperae-***

-10- ***Betula calcicola*** (JDL016454-HGAA19872161wld-30JUL2008) ***-ASPERAE/Asperae-***

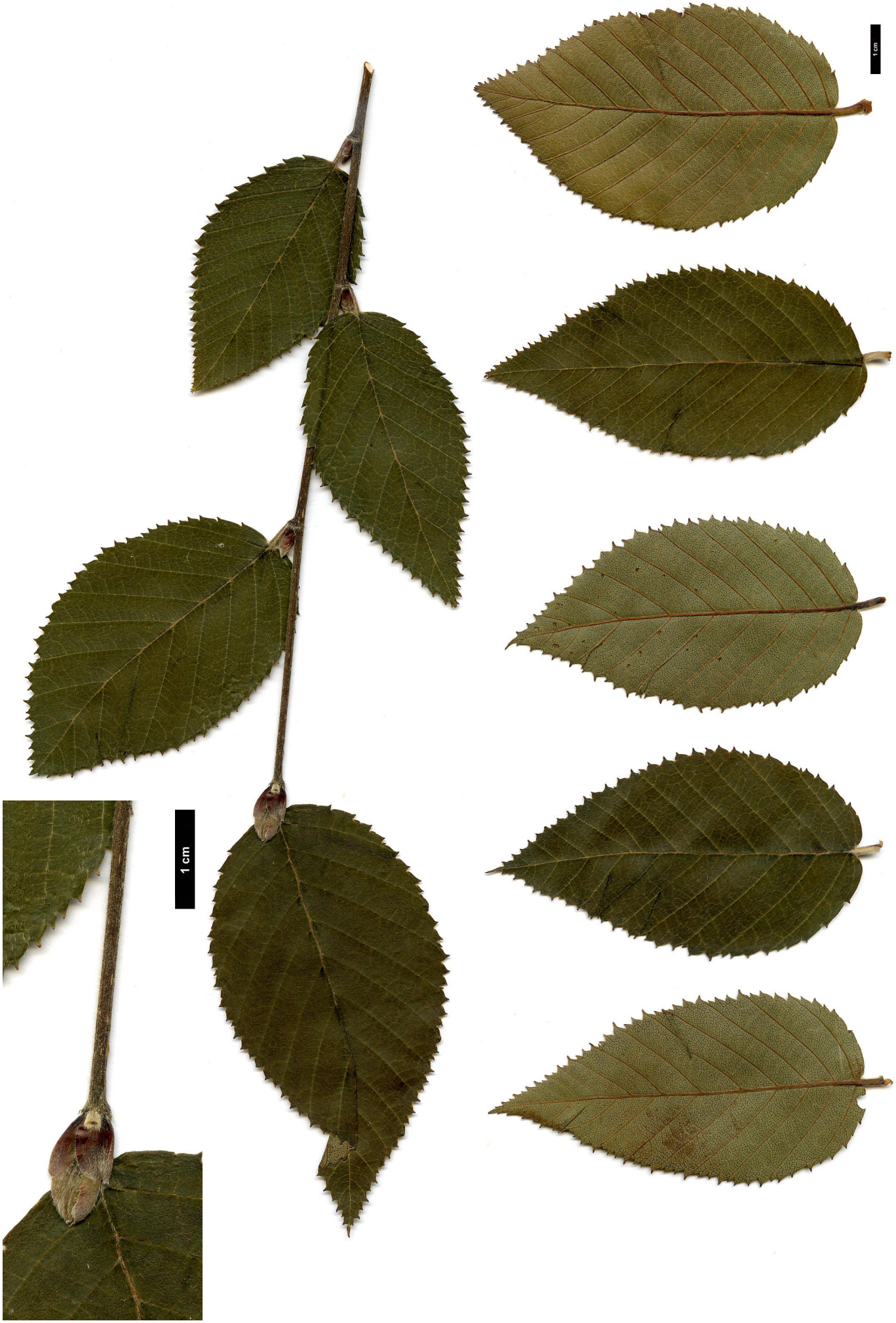
-11- ***Betula chichibuensis*** (JDL016382-VGAD2000RD01256wld-27MAY2008) ***-ASPERAE/Asperae-***

-12- ***Betula chichibuensis*** (JDL016458-HGAA19880834-30JUL2008) ***-ASPERAE/Asperae-***

-13- ***Betula chinensis*** (JDL016381-AHW98119wld-14MAY2008) ***-ASPERAE/Asperae-***



-14- ***Betula chinensis*** (JDL016457-HGAA19762209-30JUL2008) ***-ASPERAE/Asperae-***



-15- ***Betula delavayi*** (JDL013517-WPA19883494wld-21JUL1999) ***-ASPERAE/Asperae-***

-16- ***Betula delavayi*** (JDL016460-HGAA19921579wld-30JUL2008) ***-ASPERAE/Asperae-***

-17- ***Betula fargesii*** (JDL016451-WPA19888352wld-28JUL2008) ***-ASPERAE/Asperae-***

-18- ***Betula fargesii*** (JDL016451-WPA19888352wld-28JUL2008) ***-ASPERAE/Asperae-***

-19- ***Betula potaninii*** (JDL016380-MFOST-08MAY2008) ***-ASPERAE/Asperae-***

-20- ***Betula potaninii*** (JDL016453-WPA19888455wld-28JUL2008) ***-ASPERAE/Asperae-***

-21- ***Betula schmidtii*** (JDL016199-HBUG19804492wld-22OCT2007) ***-ASPERAE/Asperae-***

-22- ***Betula schmidtii*** (JDL016394-VGAD2001RD00619wld-27MAY2008) ***-ASPERAE/Asperae-***

-23- ***Betula alleghaniensis*** (JDL016387-AHW88167-07MAY2008) ***-ASPERAE/Lentae-***

-24- ***Betula alleghaniensis*** (JDL016386-VGAD1900ZG03517-27MAY2008) ***-ASPERAE/Lentae-***

-25- ***Betula globispica*** (JDL016399-HBUG20041068wld-23JUN2008) ***-ASPERAE/Lentae-***

-26- ***Betula globispica*** (JDL016507-MFOSTwld-21AUG2008) ***-ASPERAE/Lentae-***

-27- ***Betula grossa*** (JDL016392-AHW88077wld-07MAY2008) ***-ASPERAE/Lentae-***

-28- ***Betula grossa*** (JDL016391-VGAD1999RD00350wld-27MAY2008) ***-ASPERAE/Lentae-***

-29- ***Betula insignis*** (JDL016462-WPA19858650wld-28JUL2008) ***-ASPERAE/Lentae-***

-30- ***Betula lenta*** (JDL016394-AHW96124wld-14MAY2008) ***-ASPERAE/Lentae-***

-31- ***Betula lenta*** (JDL016394-AHW96124wld-14MAY2008) ***-ASPERAE/Lentae-***

-32- ***Betula lenta*** f. ***uber*** (JDL016395-VGAD1982RD00338-27MAY2008) ***-ASPERAE/Lentae-***

-33- ***Betula lenta*** f. ***uber*** (JDL016508-MFOSTwld-21AUG2008) ***-ASPERAE/Lentae-***

-34- ***Betula medwediewii*** (JDL016195-AHLE00002215-16OCT2007) ***-ASPERAE/Lentae-***

-35- ***Betula medwediewii*** (JDL016388-AHW86234-04JUN2008) ***-ASPERAE/Lentae-***

-36- ***Betula fruticosa*** (JDL016466-WPA19888342-30JUL2008) ***-BETULA/Apterocaryon-***

-37- ***Betula nana*** (JDL007749-HA1581wld-04SEP1994) ***-BETULA/Apterocaryon-***

-38- ***Betula nana*** (JDL016455-WPA19828326-28JUL2008) ***-BETULA/Apterocaryon-***

-39- ***Betula ovalifolia*** (JDL016369-AHW91355-04JUN2008) ***-BETULA/Apterocaryon-***

-40- ***Betula ovalifolia*** (JDL016505-MFOST-wld-21AUG2008) ***-BETULA/Apterocaryon-***

-41- ***Betula pumila*** (JDL014132-HGAA19940967wld-26AUG2000) ***-BETULA/Apterocaryon-***

-42- ***Betula cordifolia*** (JDL016510-MFOSTwld-21AUG2008) ***-BETULA/Betulae-***

-43- ***Betula microphylla*** (JDL016370-VGAD1979RD00213wld-27MAY2008) ***-BETULA/Betulae-***

-44- ***Betula occidentalis*** (JDL016397-AHW07146wld-25JUN2008) ***-BETULA/Betulae-***

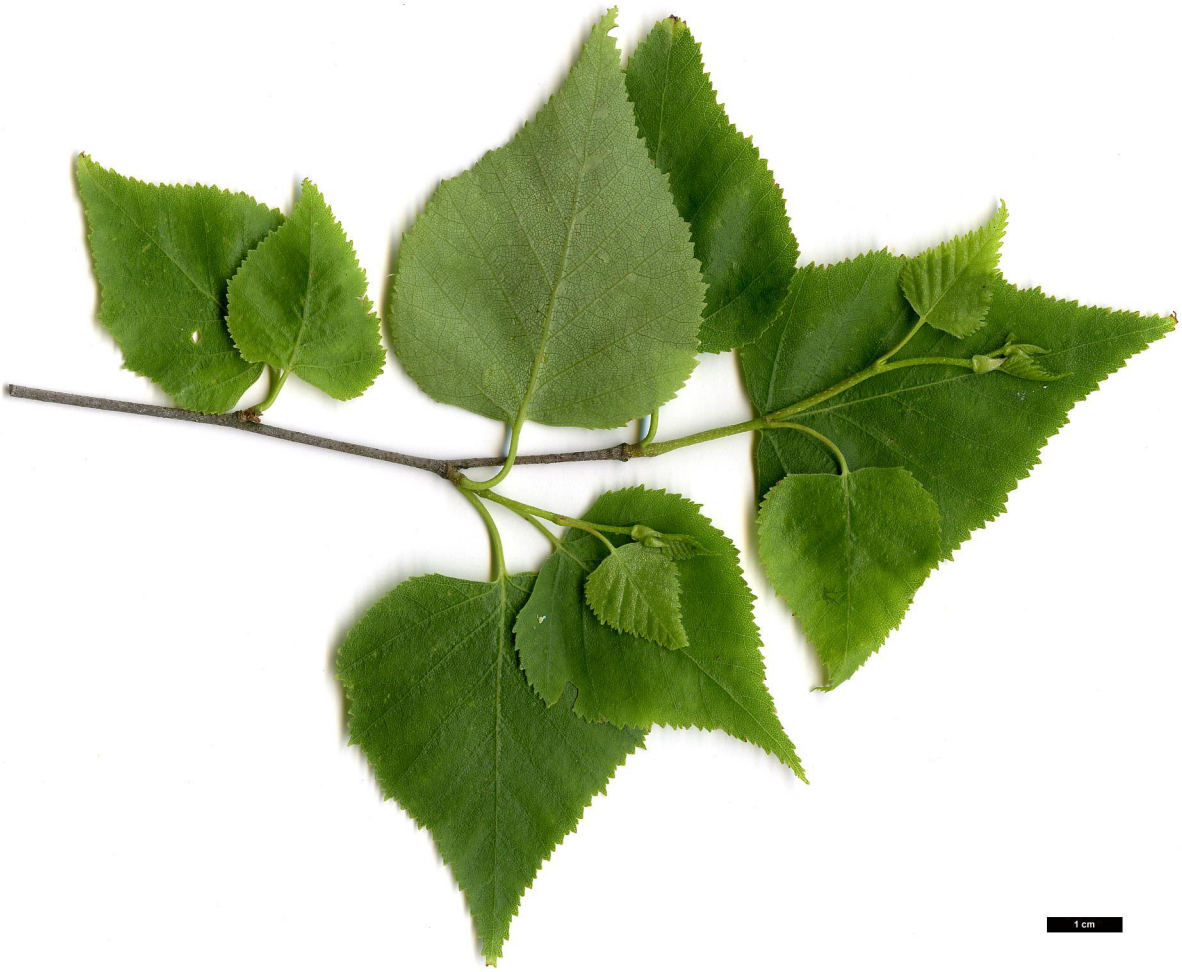
-45- ***Betula occidentalis*** (JDL016396-AHW07147wld-18JUN2008) ***-BETULA/Betulae-***

-46- ***Betula papyrifera*** (JDL016396-HBUG19710034wld-23JUN2008) ***-BETULA/Betulae-***

-47- ***Betula papyrifera*** (JDL016410-NPVBM19991611-08wld-09JUL2008) ***-BETULA/Betulae-***

-48- ***Betula pendula*** (JDL007883-HA46381-14050121wld-06SEP1994) ***-BETULA/Betulae-***

-49- ***Betula pendula*** (JDL016493-DIV-Moeie16-Eeklo-11AUG2008) ***-BETULA/Betulae-***



-50- ***Betula pendula*** subsp. ***platyphylla*** (JDL016367-AHW88086wld-07MAY2008) ***-BETULA/Betulae-***

-51- ***Betula pendula*** subsp. ***platyphylla*** (JDL016411-NPVBM19921855-92wld-09JUL2008) ***-BETULA/Betulae-***

-52- ***Betula pendula*** subsp. ***szechuanica*** (JDL016407-AHW95311wld-25JUN2008) ***-BETULA/Betulae-***

-53- ***Betula populifolia*** (JDL016398-AHW99184wld-14MAY2008) ***-BETULA/Betulae-***

-54- ***Betula populifolia*** (JDL016470-WPA2002883wld-28JUL2008) ***-BETULA/Betulae-***

-55- ***Betula pubescens*** (JDL016375-AHW98511wld-07MAY2008) ***-BETULA/Betulae-***

-56- ***Betula utilis*** (JDL016379-AHW89347wld-04MAY2008) ***-BETULA/Betulae-***

-57- ***Betula utilis*** var. ***albosinensis*** (JDL016366-AHW98817-04JUN2008) ***-BETULA/Betulae-***

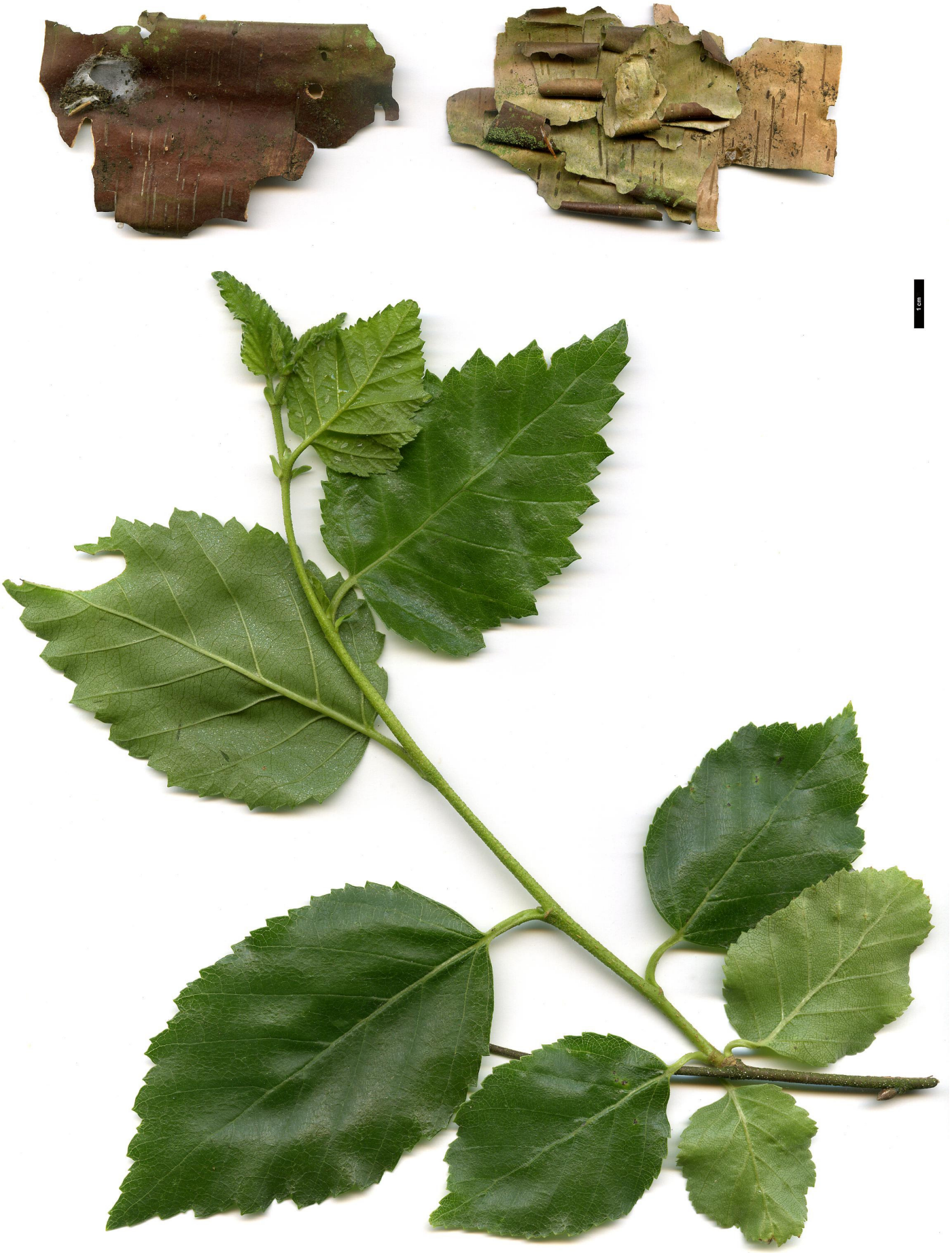
-58- ***Betula utilis*** var. ***jacquemontii*** (JDL016378-AHW89346wld-04MAY2008) ***-BETULA/Betulae-***

-59- ***Betula utilis*** var. ***occidentalis*** (JDL016401-AHW83813wld-25JUN2008) ***-BETULA/Betulae-***

-60- ***Betula costata*** (JDL016400-AHW92047wld-25JUN2008) ***-BETULA/Costatae-***

-61- ***Betula ermanii*** (JDL016390-VGAD1980RD00175wld-27MAY2008) ***-BETULA/Costatae-***

-62- ***Betula ermanii*** (JDL016389-AHW05058wld-07MAY2008) ***-BETULA/Costatae-***



-63- ***Betula dahurica*** (JDL016372-VGAD1980RD00420wld-27MAY2008) ***-BETULA/Dahuricae-***

-64- ***Betula dahurica*** (JDL016371-AHW93007wld-18JUN2008) ***-BETULA/Dahuricae-***

-65- ***Betula nigra*** (JDL016374-VGAD2001RD284-27MAY2008) ***-BETULA/Dahuricae-***

-66- ***Betula nigra*** (JDL016373-AHW88173-18JUN2008) ***-BETULA/Dahuricae-***

-67- ***Betula raddeana*** (JDL011768-NBGULwld-31JUL1997) ***-BETULA/Dahuricae-***

-68- ***Betula raddeana*** (JDL016413-NPVBM19801653-09JUL2008) ***-BETULA/Dahuricae-***

-69- ***Betula apoiensis*** (JDL016405-HBUG19804824wld-23JUN2008) ***-BETULA-***

-70- ***Betula apoiensis*** (JDL016408-AHW06005-25JUN2008) ***-BETULA-***

-71- ***Betula corylifolia*** (JDL007794-HA385-77/13073110wld-05SEP1994) ***-NIPPONOBETULA-***

-72- ***Betula corylifolia*** (JDL011874-NBGULwld-31JUL1997) ***-NIPPONOBETULA-***