



Juglandaceae

Images



Jan De Langhe

(24 September 2006)

Juglandaceae systematical overview:

- I - *Carya* Nutt.
- II - *Cyclocarya* Iljinsk
- III - *Juglans* L.
- IV - *Platycarya* Siebold & Zucc.
- V - *Pterocarya* Kunth

Juglandaceae taxa overview:

- I 01a- *Carya aquatica* (©JDL/Plantcol-AHW91650-04JUL2006)
- I 01b- *Carya aquatica* (©JDL/Plantcol-AHW91650-04JUL2006)
- I 01c- *Carya aquatica* (©JDL/Plantcol-AHW91650-04JUL2006)
- I 02a- *Carya cordiformis* (©JDL/Plantcol-ARK19060000-23JUN2006)
- I 02b- *Carya cordiformis* (©JDL/Plantcol-ARK19060000-23JUN2006)
- I 03- *Carya cordiformis* (©JDL/Plantcol-ARLR1859-24JUN2006)
- I 04- *Carya cordiformis* (©JDL/Plantcol-ARLR2520-24JUN2006)
- I 05- *Carya glabra* (©JDL/Plantcol-AHW97042-04JUL2006)
- I 06a- *Carya glabra* (©JDL/Plantcol-AHW97041-04JUL2006)
- I 06b- *Carya glabra* (©JDL/Plantcol-AHW97041-04JUL2006)
- I 07- *Carya glabra* (©JDL009306-RBGK196911821-11AUG1995)
- I 08a- *Carya illinoensis* (©JDL/Plantcol-ARLR2519-24JUN2006)
- I 08b- *Carya illinoensis* (©JDL/Plantcol-ARLR2519-24JUN2006)
- I 09- *Carya illinoensis* (©JDL/Plantcol-AHW89104-04JUL2006)
- I 10- *Carya laciniosa* (©JDL/Plantcol-AHW01255-04JUL2006)
- I 11- *Carya laciniosa* (©JDL000455-ADBNSV30032P-24JUL1990)
- I 12- *Carya laciniosa* (©JDL009304-RBGK190819002-11AUG1995)
- I 13a- *Carya myristiciformis* (©JDL009319-RBGK19721561-11AUG1995)
- I 13b- *Carya myristiciformis* (©JDL009319-RBGK19721561-11AUG1995)
- I 14- *Carya myristiciformis* (©JDL/Plantcol-AHW03298-04JUL2006)
- I 15a- *Carya ovata* (©JDL/Plantcol-ARK00001396A-23JUL2006)
- I 15b- *Carya ovata* (©JDL/Plantcol-ARK00001396A-23JUL2006)
- I 16- *Carya ovata* (©JDL/Plantcol-AHW86179-04JUL2006)
- I 17a- *Carya pallida* (©JDL-WPA19868264-17JUL2006)
- I 17b- *Carya pallida* (©JDL-WPA19868264-17JUL2006)
- I 17c- *Carya pallida* (©JDL-WPA19868264-17JUL2006)
- I 18a- *Carya texana* (©JDL/Plantcol-NPVBM19891616-12JUN2006)
- I 18b- *Carya texana* (©JDL/Plantcol-NPVBM19891616-12JUN2006)
- I 19- *Carya texana* (©JDL009316-RBGK19932023-11AUG21995)
- I 20a- *Carya tomentosa* (©JDL-HG&AA19777364-18JUL2006)
- I 20b- *Carya tomentosa* (©JDL-HG&AA19777364-18JUL2006)
- I 20c- *Carya tomentosa* (©JDL-HG&AA19777364-18JUL2006)
- I 21- *Carya*: some husks and nuts (©JDL 2006)

- II 01a- *Cyclocarya paliurus* (♂ infl.) (©JDL/Plantcol-NPVBM19911225-12JUL2006)
- II 01b- *Cyclocarya paliurus* (♀ infl.) (©JDL/Plantcol-NPVBM19911225-12JUL2006)
- II 01c- *Cyclocarya paliurus* (♀ infl.) (©JDL/Plantcol-NPVBM19911225-12JUL2006)
- II 02- *Cyclocarya paliurus* (fruit) (©JDL/Plantcol-NPVBM19911225-11SEP2006)

- III 01a- *Juglans ailantifolia* (©JDL/Plantcol-ARLR 1802-24JUN2006)
- III 01b- *Juglans ailantifolia* (©JDL/Plantcol-ARLR 1802-24JUN2006)
- III 02a- *Juglans ailantifolia* var. *cordiformis* (©JDL/Plantcol-AHTS2157-16MAY2006)
- III 02a- *Juglans ailantifolia* var. *cordiformis* (©JDL/Plantcol-AHTS2157-16MAY2006)
- III 03- *Juglans cinerea* (©JDL/Plantcol-AB19970296-06SEP2006)
- III 04a- *Juglans cinerea* (©JDL-HG&AA19850439-18JUL2006)
- III 04b- *Juglans cinerea* (©JDL-HG&AA19850439-18JUL2006)
- III 05a- *Juglans hindsii* (©JDL-HG&AA19871498-18JUL2006)
- III 05b- *Juglans hindsii* (©JDL-HG&AA19871498-18JUL2006)

- III 06a- *Juglans ×intermedia* (©JDL/Plantcol-NPVBM10003089-30AUG2006)
 -III 06b- *Juglans ×intermedia* (©JDL/Plantcol-NPVBM10003089-30AUG2006)
 -III 07- *Juglans ×intermedia* (©JDL-HG&AA20060475-18JUL2006)
 -III 08a- *Juglans major* (©JDL/Plantcol-AHW91423-04JUL2006)
 -III 08b- *Juglans major* (©JDL/Plantcol-AHW91423-04JUL2006)
 -III 09a- *Juglans mandshurica* (©JDL/Plantcol-ARLR1679-24JUN2006)
 -III 09b- *Juglans mandshurica* (©JDL/Plantcol-ARLR1679-24JUN2006)
 -III 10- *Juglans mandshurica* (©JDL/Plantcol-ARLR1014-24/06/2006)
 -III 11a- *Juglans microcarpa* (©JDL/Plantcol-AHW91424-04JUL2006)
 -III 11b- *Juglans microcarpa* (©JDL/Plantcol-AHW91424-04JUL2006)
 -III 12a- *Juglans microcarpa* (©JDL/Plantcol-AHTS1588-12SEP2006)
 -III 12b- *Juglans microcarpa* (©JDL/Plantcol-AHTS1588-12SEP2006)
 -III 13b- *Juglans nigra* (©JDL/Plantcol-ARLR1683-24JUN2006)
 -III 13b- *Juglans nigra* (©JDL/Plantcol-ARLR1683-24JUN2006)
 -III 14- *Juglans nigra* (©JDL-AHLE00002507-14SEP2006)
 -III 15a- *Juglans regia* (©JDL/Plantcol-NPVBM 19810187-11SEP2006)
 -III 15b- *Juglans regia* (©JDL/Plantcol-NPVBM 19810187-11SEP2006)
 -III 16a- *Juglans regia* ‘Laciniata’ (©JDL/Plantcol-NPVBM 19840036-11SEP2006)
 -III 16b- *Juglans regia* ‘Laciniata’ (©JDL/Plantcol-NPVBM 19840036-11SEP2006)
 -III 17a- *Juglans ×sinensis* (©JDL/Plantcol-NPVBM19742283-11SEP2006)
 -III 17b- *Juglans ×sinensis* (©JDL/Plantcol-NPVBM19742283-11SEP2006)
 -III 18a- *Juglans*: some husks and nuts (©JDL 2006)
 -III 18b- *Juglans*: some husks and nuts (©JDL 2006)
- IV 01a- *Platycarya strobilacea* (©JDL/Plantcol-HBUG19001004-19JUN2006)
 -IV 01b- *Platycarya strobilacea* (©JDL/Plantcol-HBUG19001004-19JUN2006)
 -IV 02- *Platycarya strobilacea* (©JDL/Plantcol-NPVBM19991094-12JUN2006)
- V 01a- *Pterocarya fraxinifolia* (©JDL/Plantcol-ARLR84-24JUN2006)
 -V 01b- *Pterocarya fraxinifolia* (©JDL/Plantcol-ARLR84-24JUN2006)
 -V 02- *Pterocarya fraxinifolia* (©JDL/Plantcol-ARLR40-24JUN2006)
 -V 03- *Pterocarya fraxinifolia* var. *dumosa* (©JDL/Plantcol-ARK-23JUN2006)
 -V 04a- *Pterocarya hupehensis* (©JDL013666-HG&AA19950385-23JUL1999)
 -V 04b- *Pterocarya hupehensis* (©JDL013666-HG&AA19950385-23JUL1999)
 -V 04c- *Pterocarya hupehensis* (©JDL013666-HG&AA19950385-23JUL1999)
 -V 05a- *Pterocarya macroptera* (©JDL-WPA19883507-17JUL2006)
 -V 05b- *Pterocarya macroptera* (©JDL-WPA19883507-17JUL2006)
 -V 06a- *Pterocarya macroptera* subsp. *insignis* (©JDL-WPA1996950-17JUL2006)
 -V 06b- *Pterocarya macroptera* subsp. *insignis* (©JDL-WPA1996950-17JUL2006)
 -V 07- *Pterocarya ×rehderiana* (©JDL/Plantcol-NPVBM19722683-12JUN2006)
 -V 08a- *Pterocarya rhoifolia* (©JDL/Plantcol-NPVBM19801908-12JUN2006)
 -V 08b- *Pterocarya rhoifolia* (©JDL/Plantcol-NPVBM19801908-12JUN2006)
 -V 08c- *Pterocarya rhoifolia* (©JDL/Plantcol-NPVBM19801908-12JUN2006)
 -V 08d- *Pterocarya rhoifolia* (©JDL/Plantcol-NPVBM19801908-12JUN2006)
 -V 09- *Pterocarya rhoifolia* (©JDL-HG&AA19891785-18JUL2006)
 -V 10a- *Pterocarya stenoptera* (©JDL/Plantcol-AHTS1203A-06JUN2006)
 -V 10b- *Pterocarya stenoptera* (©JDL/Plantcol-AHTS1203A-06JUN2006)
 -V 10c- *Pterocarya stenoptera* (©JDL/Plantcol-AHTS1203A-06JUN2006)
 -V 11a- *Pterocarya stenoptera* (©JDL/Plantcol-NPVBM19831112-12JUN2006)
 -V 11b- *Pterocarya stenoptera* (©JDL/Plantcol-NPVBM19831112-12JUN2006)
 -V 11c- *Pterocarya stenoptera* (©JDL/Plantcol-NPVBM19831112-12JUN2006)
 -V 12a- *Pterocarya stenoptera* ‘Fern Leaf’ (©JDL/Plantcol-NPVBM20040116-12JUN2006)
 -V 12b- *Pterocarya stenoptera* ‘Fern Leaf’ (©JDL/Plantcol-NPVBM20040116-12JUN2006)

dimensions

1 cm

= 1 cm

sources

| | |
|---------------|---|
| ADBNSV | Arboretum Des Barres, Nogent-sur-Vernisson (F) |
| AHLE | Arboretum Het Leen, Eeklo (B) |
| AHTSB | Arboretum Hof Ter Saksen, Beveren (B) |
| AHW | Arboretum Wespelaar (B) |
| ARK | Arboretum Kalmthout, Antwerpen (B) |
| ARLR | Arboretum Robert Lenoir, Rendeux (B) |
| HBUG | Hortus Botanicus Universiteit Gent (B) |
| HGAA | Hillier Gardens & Arboretum, Ampfield (GB) |
| NPVBM | Nationale Plantentuin, Meise (B) |
| RBGK | Royal Botanic Gardens Kew (GB) |
| WPA | Wakehurst Place, Ardingly (GB) |

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-I01a- *Carya aquatica*
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-I 01b- *Carya aquatica*
(©JDL/Plantcol-AHW91650-04JUL2006)



-101c- *Carya aquatica*
(©JDL/Plantcol-AHW91650-04JUL2006)



-I 02a- *Carya cordiformis*
(©JDL/Plantcol-ARK19060000-23/06/2006)



-I 02b- *Carya cordiformis*
(©JDL/Plantcol-ARK19060000-23JUN2006)



-103- *Carya cordiformis*
(©JDL/Plantcol-ARLR1859-24JUN2006)



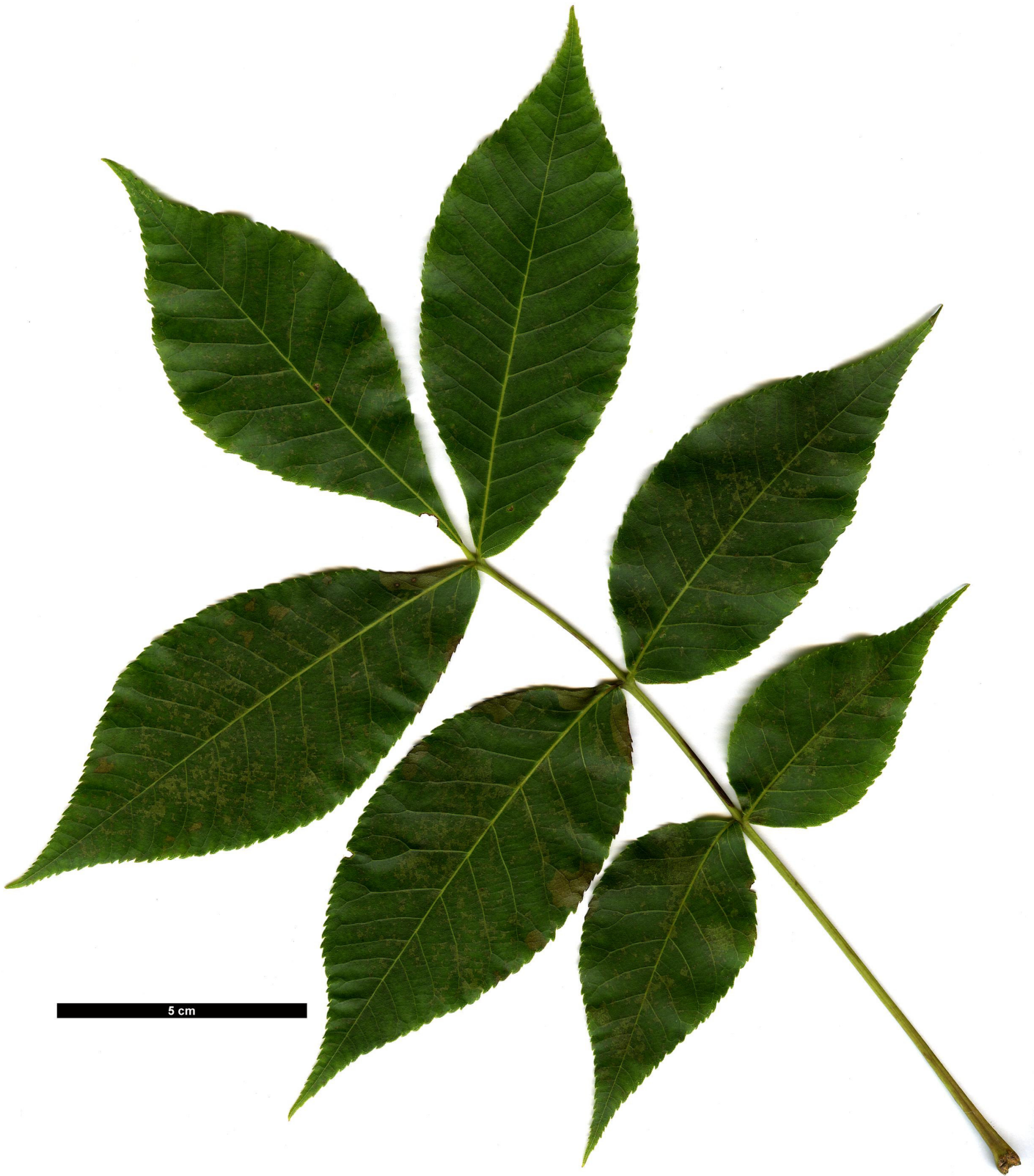
-104- *Carya cordiformis*
(©JDL/Plantcol-ARLR2520-24JUN2006)



-105- *Carya glabra*
(©JDL/Plantcol-AHW97042-04JUL2006)



-I 06a- *Carya glabra*
(©JDL/Plantcol-AHW97041-04JUL2006)



-I 06b- *Carya glabra*
(©JDL/Plantcol-AHW97041-04JUL2006)



5 cm

-I 07a- *Carya glabra*
(©JDL009306-RBGK196911821-11AUG1995)



-I 08a- *Carya illinoensis*
(©JDL/Plantcol-ARLR2519-24JUN2006)

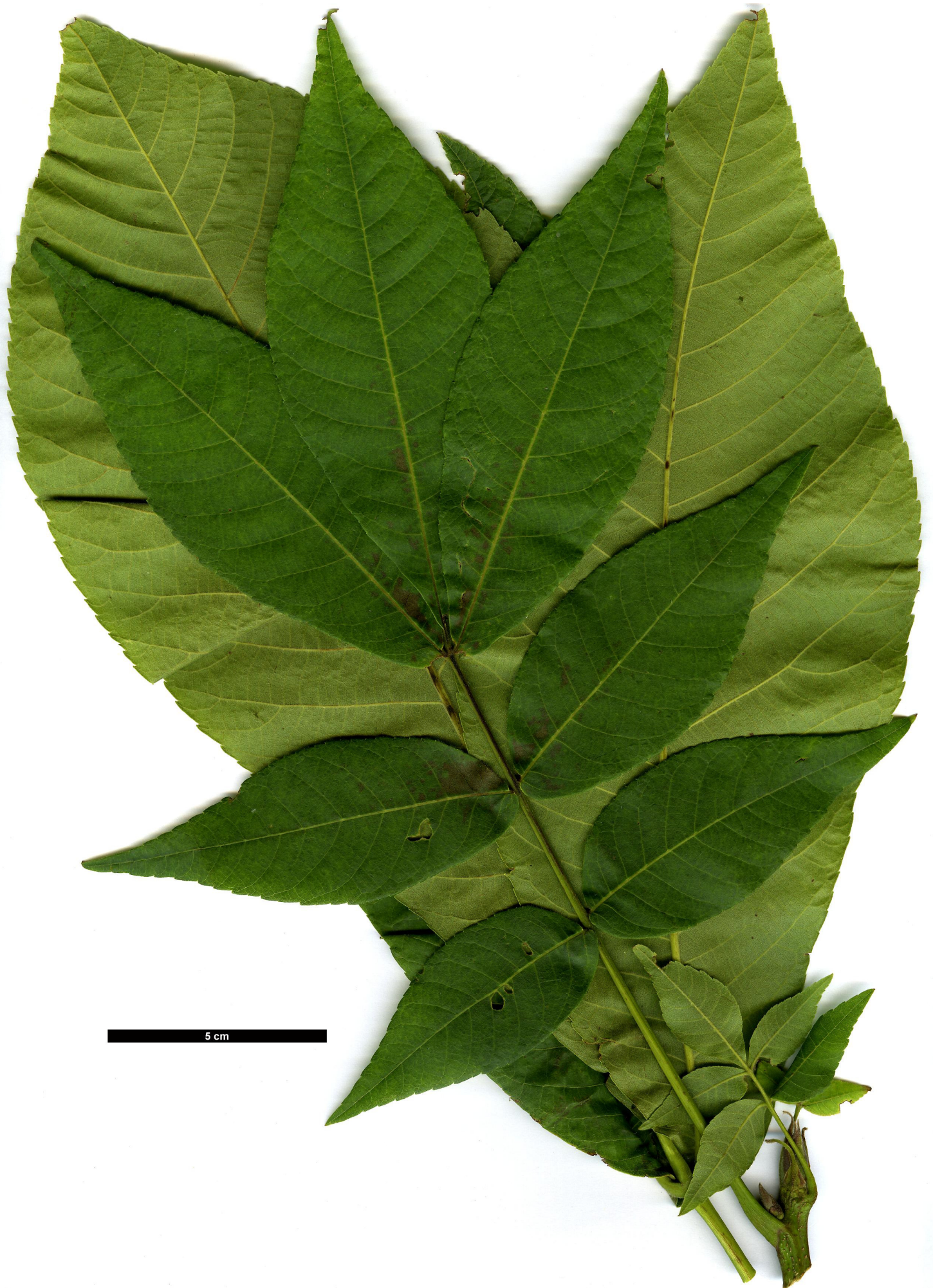


-I 08b- *Carya illinoensis*
(©JDL/Plantcol-ARLR2519-24JUN2006)



5 cm

-109- *Carya illinoensis*
(©JDL/Plantcol-AHW89104-04JUL2006)



-110- *Carya laciniosa*
(©JDL/Plantcol-AHW01255-04JUL2006)



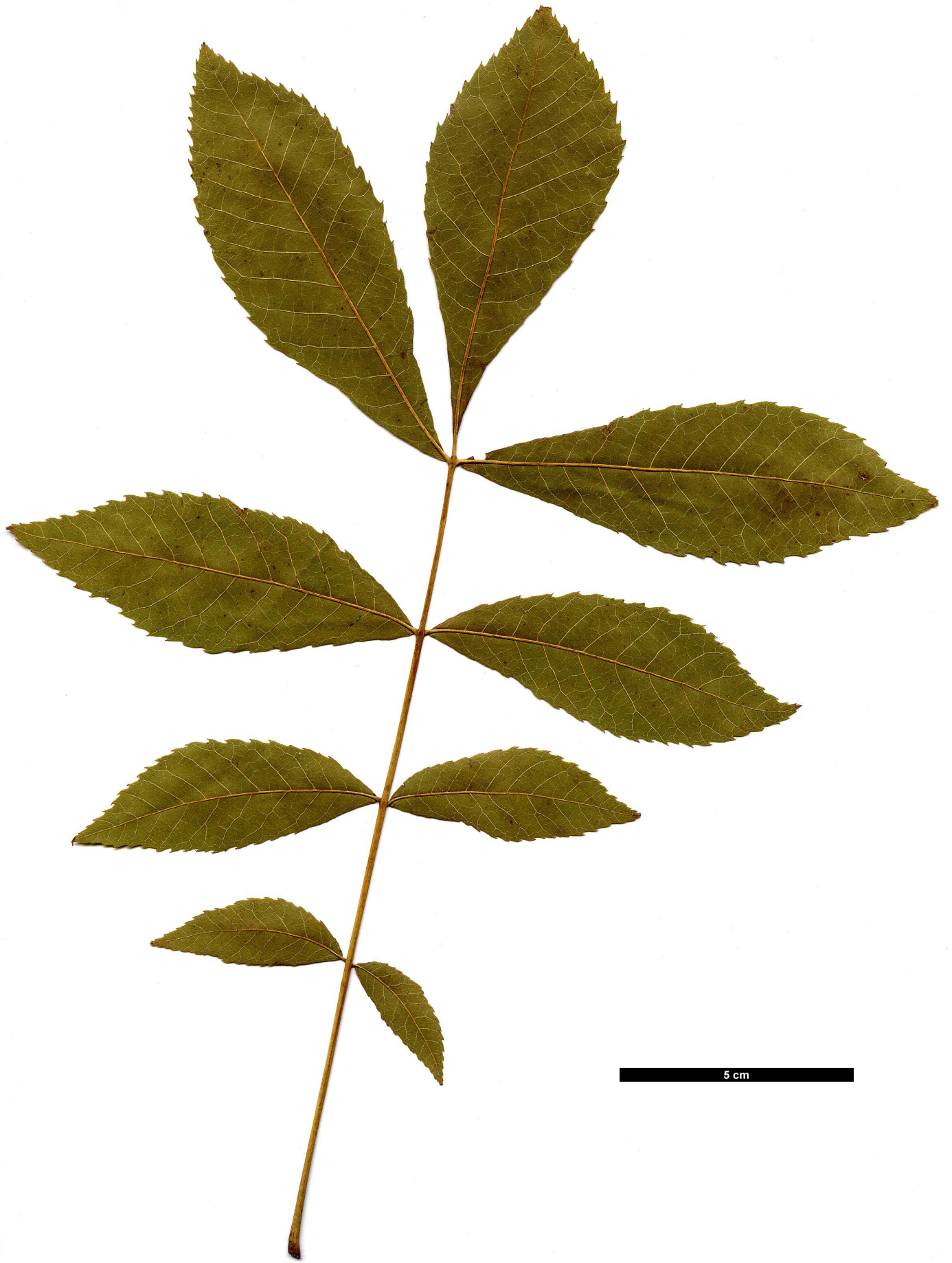
-111- *Carya laciniosa*
(©JDL000455-ADBNSV30032P-24JUL1990)



-I 12a- *Carya laciniosa*
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-I 13a- *Carya myristiciformis*
(©JDL009319-RBGK19721561-11AUG1995)



-I 13b- *Carya myristiciformis*
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-I 14- *Carya myristiciformis*
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-115a- *Carya ovata*
(©JDL/Plantcol-ARK00001396A-23JUL2006)



-I 15b- *Carya ovata*
(©JDL/Plantcol-ARK00001396A-23JUL2006)



-116- *Carya ovata*
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-I 17a- *Carya pallida*
(©JDL-WPA19868264-17JUL2006)



-I 17b- *Carya pallida*
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-117c- *Carya pallida*
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-I 18a- *Carya texana*
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-I 18b- *Carya texana*
(©JDL/Plantcol-NPVBM19891616-12JUN2006)



-119- *Carya texana*
(©JDL009316-RBGK19932023-11AUG21995)



-120a- *Carya tomentosa*
(©JDL-HG&AA19777364-18JUL2006)



-I 20b- *Carya tomentosa*
(©JDL-HG&AA19777364-18JUL2006)



-I 20c- *Carya tomentosa*
(©JDL-HG&AA19777364-18JUL2006)



Carya cordiformis



Carya illinoensis



Carya laciniosa



Carya ovata



-II 01a- *Cyclocarya paliurus* (♂ infl.)
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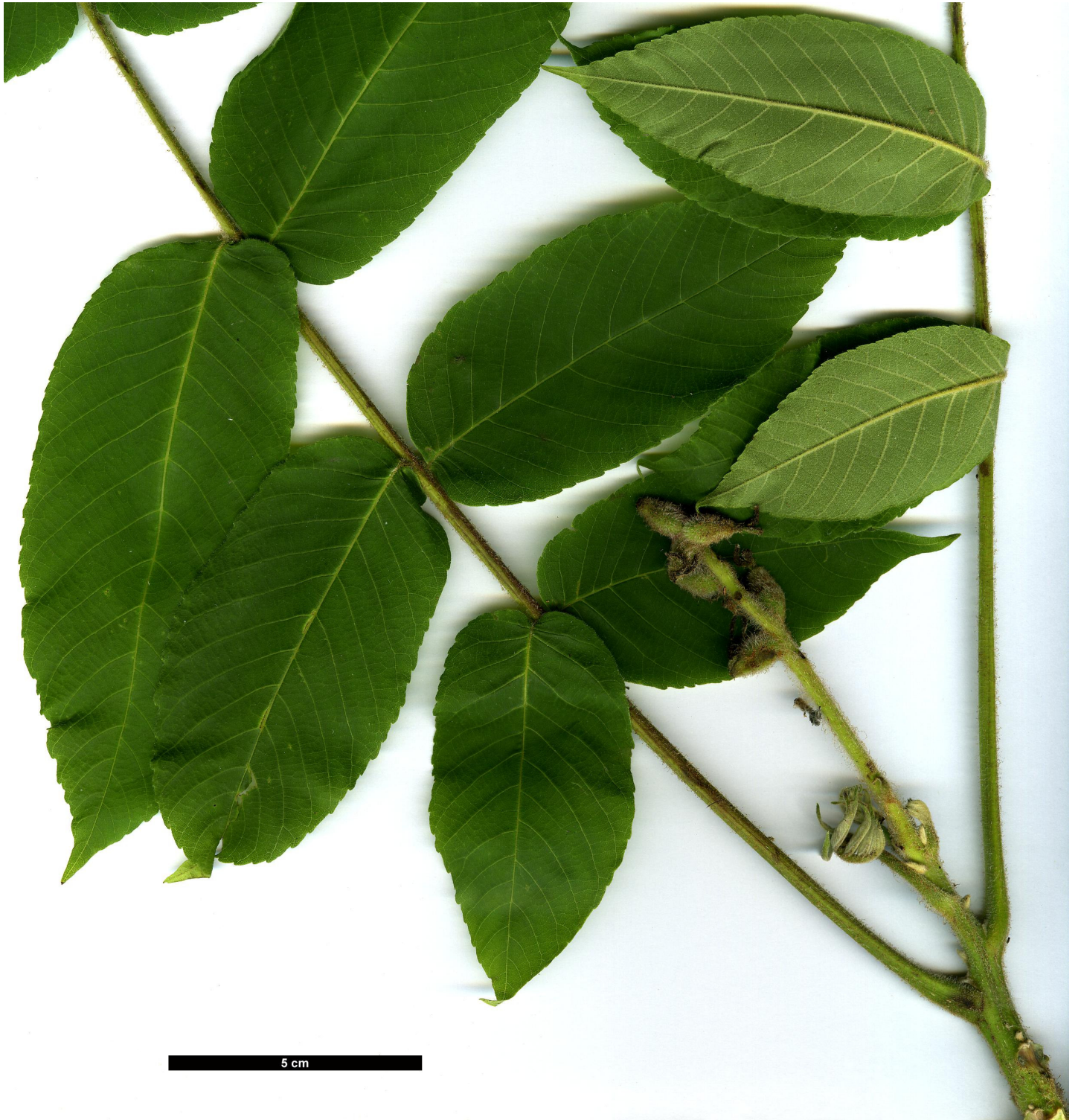
-II 01b- *Cyclocarya paliurus* (♀ infl.)
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-II 01c- *Cyclocarya paliurus*
(©JDL/Plantcol-NPVBM19911225-12/06/2006)



-II 02- *Cyclocarya paliurus* (fruit)
(©JDL/Plantcol-NPVBM19911225-11SEP2006)



-III 01a- *Juglans ailantifolia*
(©JDL/Plantcol-ARLR 1802-24JUN2006)



-III 01b- *Juglans ailantifolia*
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-III 02a- *Juglans ailantifolia* var. *cordiformis*
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-III 02b- *Juglans ailantifolia* var. *cordiformis*
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-III 03- *Juglans cinerea*
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-III 04a- *Juglans cinerea*
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-III 04b- *Juglans cinerea*
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-III 05a- *Juglans hindsii*
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-III 05b- *Juglans hindsii*
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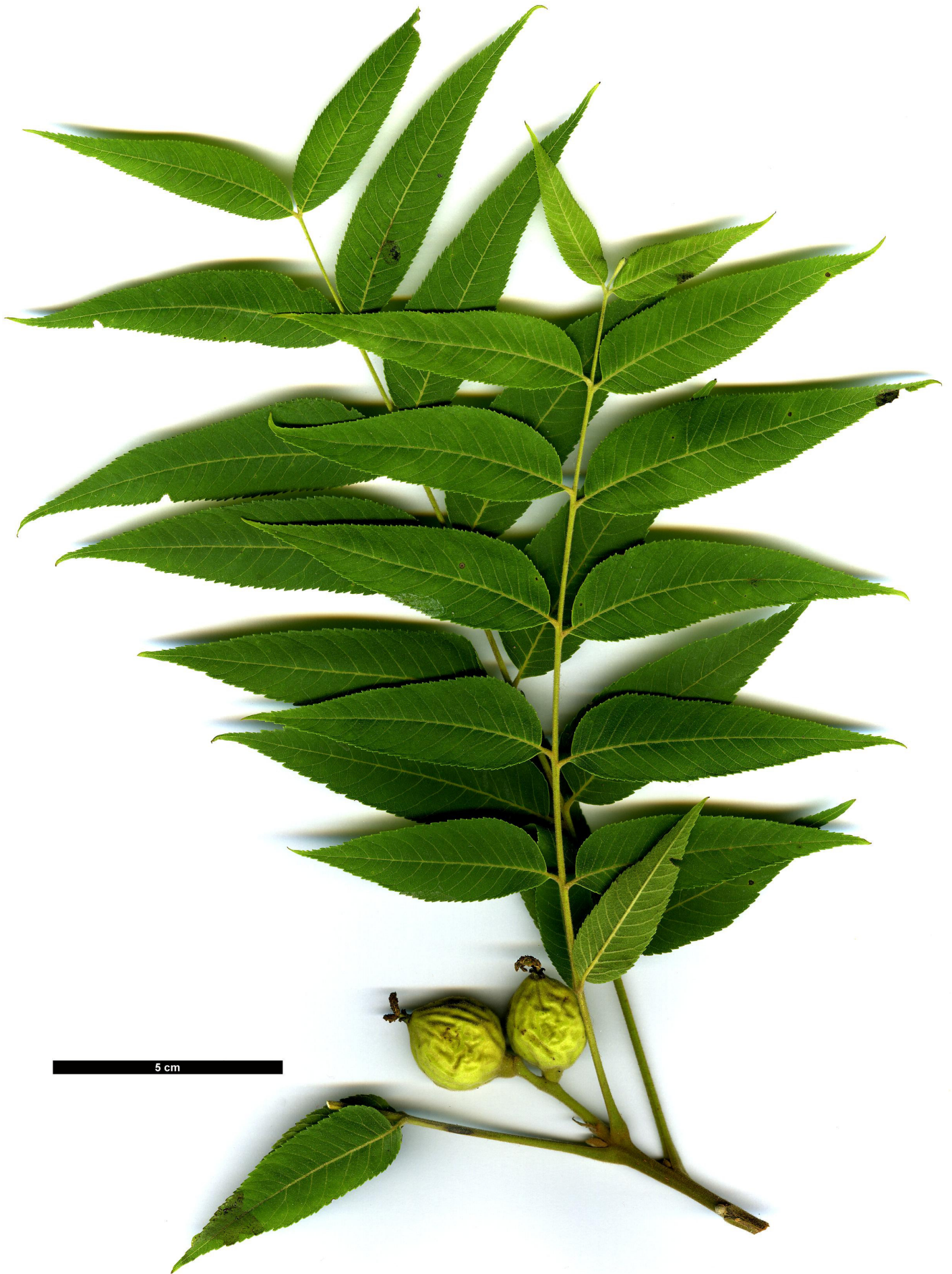
-III 06a- *Juglans xintermedia*
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-III 06b- *Juglans xintermedia*
(©JDL/Plantcol-NPVBM10003089-30AUG2006)



-III 07- *Juglans xintermedia*
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-III 08a- *Juglans major*
(©JDL/Plantcol-AHW91423-04JUL2006)



-III 08b- *Juglans major*
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-III 09a- *Juglans mandshurica*
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-III 09a- *Juglans mandshurica*
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-III 10- *Juglans mandshurica*
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-III 11a- *Juglans microcarpa*
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-III 11b- *Juglans microcarpa*
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-III 12a- *Juglans microcarpa*
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-III 12b- *Juglans microcarpa*
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-III 13a- *Juglans nigra*
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-III 13b- *Juglans nigra*
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-III 14- *Juglans nigra*
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-III 15a- *Juglans regia*
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-III 15b- *Juglans regia*
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-III 16a- *Juglans regia* 'Laciniata'
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-III 16b- *Juglans regia* 'Laciniata'
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-III 17a- *Juglans* × *sinensis*
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-III 17b- *Juglans* × *sinensis*
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Juglans ailantifolia



Juglans cinerea



Juglans ailantifolia var. *cordiformis*



Juglans mandshurica



Juglans major



Juglans microcarpa



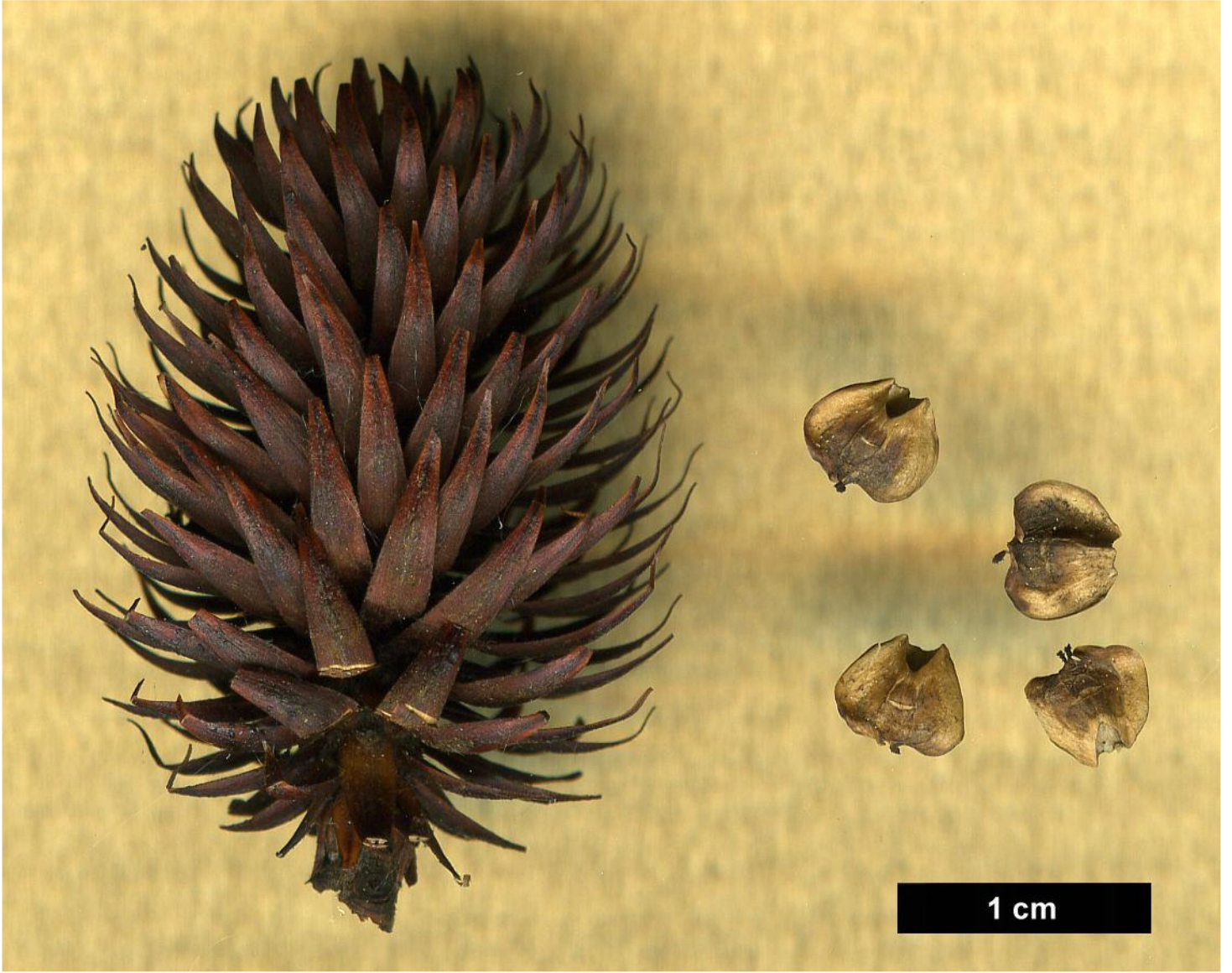
Juglans nigra



Juglans regia



-IV 01a- *Platycarya strobilacea*
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-IV 01b- *Platycarya strobilacea*
(©JDL/Plantcol-HBUG19001004-19JUN2006)



-IV 02- *Platycarya strobilacea*
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-V 01a- *Pterocarya fraxinifolia*
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-V 01b- *Pterocarya fraxinifolia*
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-V 02- *Pterocarya fraxinifolia*
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-V 03- *Pterocarya fraxinifolia* var. *dumosa*
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-V 04a- *Pterocarya hupehensis*
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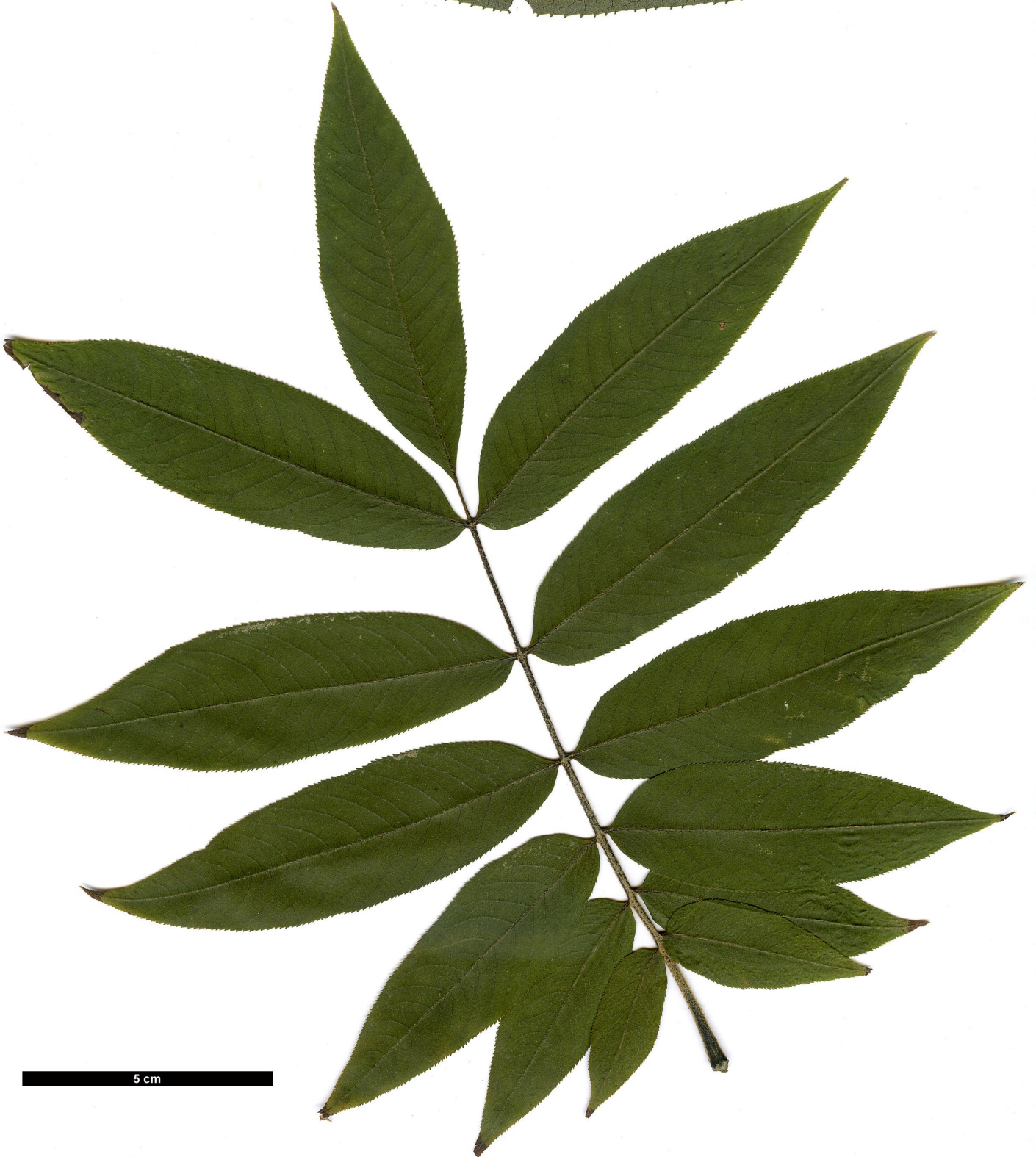
-V 04b- *Pterocarya hupehensis*
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-V 04c- *Pterocarya hupehensis*
(©JDL013666-HG&AA19950385-23JUL1999)



-V 05a- *Pterocarya macroptera*
(©JDL-WPA19883507-17JUL2006)



5 cm

-V 05b- *Pterocarya macroptera*
(©JDL-WPA19883507-17JUL2006)



-V 06a- *Pterocarya macroptera* subsp. *insignis*
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-V 06b- *Pterocarya macroptera* subsp. *insignis*
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-V 10c- *Pterocarya stenoptera*
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-V 11b- *Pterocarya stenoptera*
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5 cm

-V 11c- *Pterocarya stenoptera*
(©JDL/Plantcol-NPVBM19831112-12JUN2006)



-V 12a- *Pterocarya stenoptera* 'Fern Leaf'
(©JDL/Plantcol-NPVBM20040116-12JUN2006)



-V 12b- *Pterocarya stenoptera* 'Fern Leaf'
(©JDL/Plantcol-NPVBM20040116-12JUN2006)