



# Betula in Belgian collections and the World

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**Arboretum Lenoir**  
**14 September 2008**

**BELTREES-Taxa and Quantity (WhereStatus<6)**

65	<i>Betula pendula</i>
49	<i>Betula papyrifera</i>
23	<i>Betula alleghaniensis</i>
21	<i>Betula nigra</i>
21	<i>Betula pendula</i> 'Youngii'
21	<i>Betula pubescens</i>
17	<i>Betula lenta</i>
12	<i>Betula utilis</i> var. <i>jacquemontii</i>
10	<i>Betula maximowicziana</i>
10	<i>Betula pendula</i> 'Dalecarlica'
7	<i>Betula albosinensis</i>
7	<i>Betula ermanii</i>
7	<i>Betula medwedewii</i>
6	<i>Betula dahurica</i>
6	<i>Betula pendula</i> 'Tristis'
4	<i>Betula albosinensis</i> var. <i>septentrionalis</i>
4	<i>Betula pendula</i> 'Fastigiata'
4	<i>Betula utilis</i>
3	<i>Betula costata</i>
3	<i>Betula grossa</i>
3	<i>Betula mandshurica</i> var. <i>japonica</i>
3	<i>Betula platyphylla</i>
3	<i>Betula</i> x <i>aurata</i> ( <i>pendula</i> x <i>pubescens</i> )

# Beaucoup de noms douteux ou taxons invalides témoignent de la difficulté du genre *Betula*

2	<i>Betula albosinensis</i> ?	1	<i>Betula luminifera</i>
2	<i>Betula lenta</i> f. <i>uber</i>	1	<i>Betula obscura</i> ?
2	<i>Betula neoalaskana</i>	1	<i>Betula pamirica</i> ?
2	<i>Betula occidentalis</i>	1	<i>Betula papyrifera</i> aff.
2	<i>Betula papyrifera</i> var. <i>commutata</i>	1	<i>Betula papyrifera</i> hybride
2	<i>Betula pendula</i> 'Gracilis'	1	<i>Betula papyrifera</i> hybride ?
2	<i>Betula populifolia</i>	1	<i>Betula pendula</i> cv
2	<i>Betula schmidtii</i>	1	<i>Betula pendula</i> 'Purpurea'
2	<i>Betula szechuanica</i>	1	<i>Betula pendula</i> 'Tristis' aff.
1	<i>Betula apoiensis</i>	1	<i>Betula populifolia</i> 'Purpurea'
1	<i>Betula costata</i> ?	1	<i>Betula potaninii</i>
1	<i>Betula ermanii</i> 'Communis' ?	1	<i>Betula pubescens</i> ?
1	<i>Betula ermanii</i> 'Grayswood Hill'	1	<i>Betula pubescens</i> hybride ?
1	<i>Betula ermanii</i> 'Holland'	1	<i>Betula pubescens</i> var. <i>glabrata</i>
1	<i>Betula ermanii</i> x <i>jacquemontii</i>	1	<i>Betula saposchnikovii</i> ?
1	<i>Betula</i> 'Fetisowii'	1	<i>Betula schugnanica</i>
1	<i>Betula forrestii</i>	1	<i>Betula tianschanica</i>
1	<i>Betula forrestii</i>	1	<i>Betula utilis</i> / <i>costata</i> ?
1	<i>Betula humilis</i>	1	<i>Betula utilis</i> hybride
1	<i>Betula litwinovii</i>	1	<i>Betula utilis</i> var. <i>prattii</i>

6989	4	**	Betula pendula	<b>330</b>	25	1990	<b>LASSU</b>	HAMOIR	
13367	4	*	Betula pendula	<b>322</b>		1998	<b>MASSA</b>	AUDERGHEM / OUDERGHEM	
18586	4	*	Betula pendula	<b>285</b>		2003	<b>VARIA</b>	TERVUREN	
6219	2	*	Betula pendula	<b>278</b>		15	1990	<b>VARIA</b>	TERVUREN
2630	4	°	Betula pendula	<b>277</b>		2003	<b>RAVEN</b>	TERVUREN	
10796	5	**	Betula papyrifera	<b>277</b>		18	2002	<b>LIMBO</b>	LIMBOURG
595	4	°	Betula pendula	<b>267</b>		25	1994	<b>ASTRI</b>	ANDERLECHT
4607	4	°	Betula pendula	<b>261</b>	20	2003	<b>COLOM</b>	SINT-PIETERS-LEEUVEN	
4162	4	**	Betula pubescens	<b>260</b>	20	2000	<b>INSPA</b>	SPA	
4172	4	°	Betula pendula	<b>256</b>	25	1989	<b>INSPA</b>	SPA	
15367	4	°	Betula pendula	<b>255</b>		2002	<b>GROEN</b>	HOEILAART	
22714	4	**	Betula nigra	<b>251</b>		10	2006	<b>RAVEN</b>	TERVUREN
5189	4	°	Betula pendula	<b>250</b>		25	1997	<b>TILLE</b>	TINLOT
22736	4	**	Betula utilis var. jacquemontii	<b>244</b>	15	2004	<b>KALMT</b>	KALMTHOUT	
5223	4	*	Betula pubescens	<b>244</b>	15	1989	<b>ROUMO</b>	LIBIN (OCHAM)	
13341	4	.	Betula pendula	<b>238</b>		2001	<b>WOLUW</b>	ST-PIETERS-WOLUWE-S	
16901	4	.	Betula pendula	<b>235</b>		2003	<b>RAVEN</b>	TERVUREN	
13323	4	.	Betula pendula	<b>235</b>		1995	<b>WOLUW</b>	ST-PIETERS-WOLUWE-S	
4470	4	*	Betula papyrifera	<b>235</b>	25	2002	<b>HETRE</b>	ESNEUX	
2603	4	*	Betula pubescens	<b>230</b>		2003	<b>RAVEN</b>	TERVUREN	
15760	4	*	Betula pubescens	<b>228</b>		2002	<b>ROUMO</b>	LIBIN (OCHAM)	
13762	4	.	Betula pendula	<b>228</b>		1997	<b>ISOLE</b>	BRUXELLES - BRUSSELS	
16840	4	.	Betula pendula	<b>223</b>		2003	<b>RAVEN</b>	TERVUREN	

# Classification selon Skvortsov (2002) et McAllister (en préparation)

- **Nipponobetula**
- - Nipponobetula: corylifolia
- **Asperae**
- - Asperae: delavayi, chinensis, **schmidtii**,...
- - Lentae: alleghaniensis, lenta, grossa,...
- **Acuminatae**
- - Acuminatae: alnoides, maximowicziana,
- **Betula**
- - Dahuricae: nigra, dahurica, medwediewii,
- - Apterocaryon: **nana**, fruticosa, occidentalis,
- - Betulae: pendula, pubescens, papyrifera, utilis
- - Costatae: costata, **ermanii** (?)



**Betula corylifolia - RBGE 1996.2934a - Edinburgh - 2008.0508**



**Betula corylifolia - RBGE 1996.2934a - Edinburgh - 2008.0508**





*Betula corylifolia* - RBGE 1996.2934a - Edinburgh - 2008.0508





**Betula calcicola**



**Betula calcicola CLD 791 - RBGE 1991.0664**

*Betula calcicola* CLD 791 - RBGE 1991.0664  
New flower





**Betula delavayi - Gorge out of Lijiang, Yunnan - 2008.0625**











**Betula delavayi (Herb) - Tianshe lake, S.Zongdian , Yunnan- 2008.0628**



**Betula potaninii - J.B. Saverne (Strasbourg) - BDB - 2006.0528-**



**Betula potaninii - J.B. Saverne (Strasbourg) - BDB - 2006.0528-**



**Betula potaninii - Howick -**



**Betula globispica –  
Ness B.G., Liverpool**







**Betula chichibuensis – Von Gimborn Arboretum**





**Betula chichibuensis – Hergest Croft**





**Betula chinensis - from Mount Sobaek, Korea, at Arboretum Wespelaar**



**Betula chinensis - from Mount Sobaek,**



**Betula chinensis** - from Mount Sobaek,



**Betula chinensis** - from Mount Sobaek,



**Betula schmidtii - Arnold.7486-B - 1997.1018 - BDB in New England - 18 Oct 1997**

A large tree trunk with a black identification tag. The tree has a thick, deeply furrowed bark. The tag is rectangular and contains white text. The background shows a forest floor covered in fallen leaves and some green foliage.

○ ○  
SCHMIDT BIRCH  
*Betula schmidtii*  
NATIVE TO N.E. ASIA & JAPAN  
Birch Family - Betulaceae  
○ ○





**Betula schmidtii** (Mt. Sobaek, S. Korea) - 93017-wld-279 - 2005.0508



**Betula schmidtii (Mt .Sobaek, S. Korea) - 93017-wld-279 - 2008.0601**







**Betula medwediewii - 84173-esv- 27**













**Betula medwediewii - MARIM, BD.9780 etc - 2006.1021**



**Betula luminifera (Crosbie,Hubei,China,1800m) - 08114-wld-176 - 2008.0718**



**Betula insignis - Guiz 82 - RBG Kew.1996.1194 - 2006.0426-**





**Betula grossa - Lake Hibara, Honshu, Japan - IDS- 27 Oct 1992**



**Betula grossa – Hemelrijk**



**Betula grossa - 88078-ter-147**





**Betula grossa - 91102-ter-131- 2001.1102**













**Betula lenta - 92163-pds-165 - 2006.1024**











**Betula lenta subsp. uber - 88174-esv- 36 - 1993.10 -**





**Betula lenta subsp. uber –  
Starhill Forest Arboretum Petersburg, Illinois**

**Betula lenta**  
**Arnold Arboretum**  
**BDB in New England**  
**18 Oct 1997**





**Betula alleghaniensis**







Betula alleghaniensis – Arboretum Tervuren

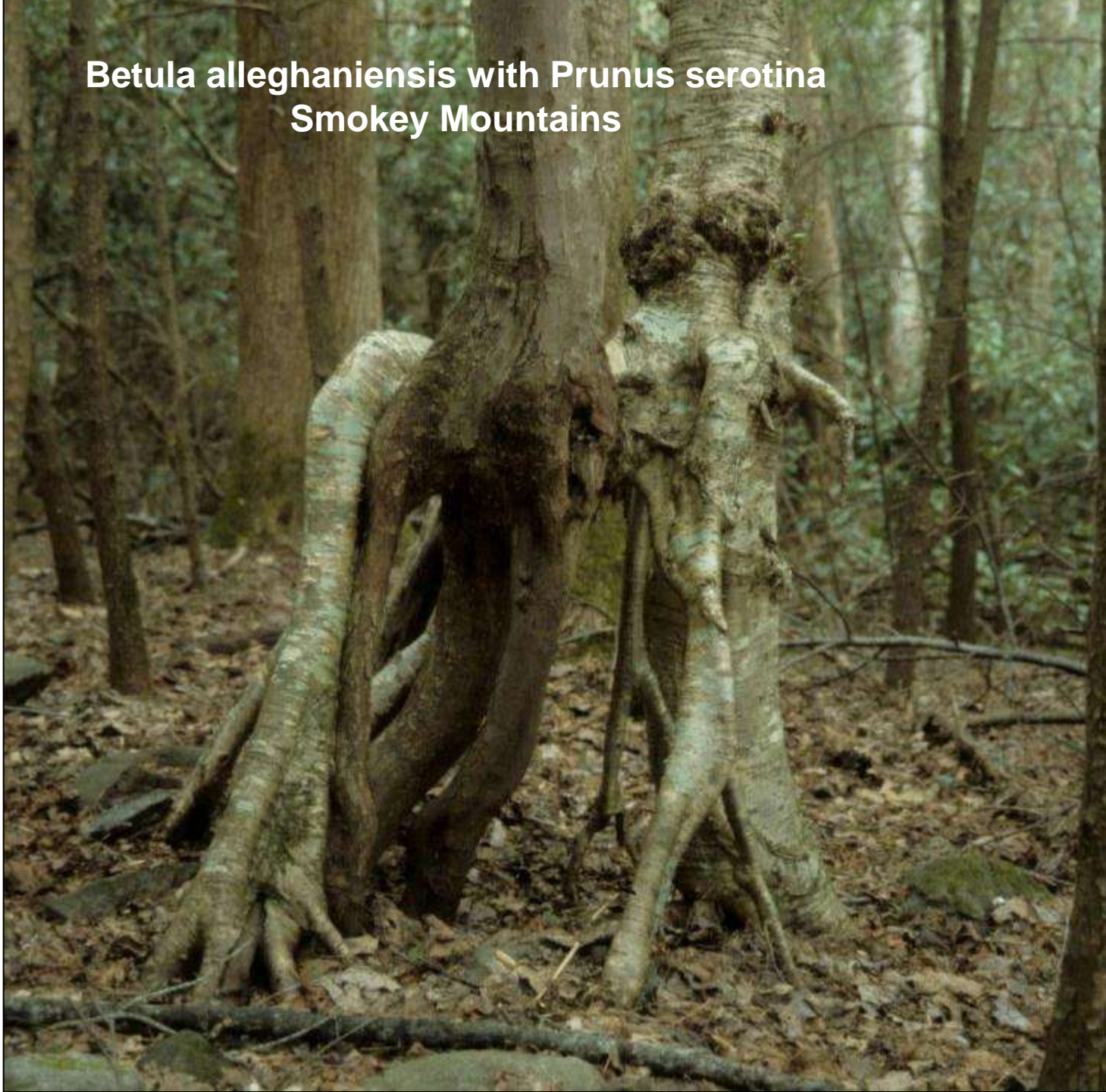


**Betula alleghaniensis – Mount Pisgah National Park - Smokey Mountains**



**Betulla alleghaniensis – hairy shoot**

**Betula alleghaniensis with Prunus serotina  
Smokey Mountains**







**Mou-tao-shi : Original *Metasequoia glyptostroboides*  
and *Betula alnoides* subsp. site**



**Betula luminifera - Mou-tao-shi, Hubei - 2007.0414**







*Betula cylindrostachya* - Cangshan, Dali - 2007.0405













*Betula cylindrostachya* - RBG Kew – 2006.0426



**Betula maximowicziana - 92697-ddh-133**



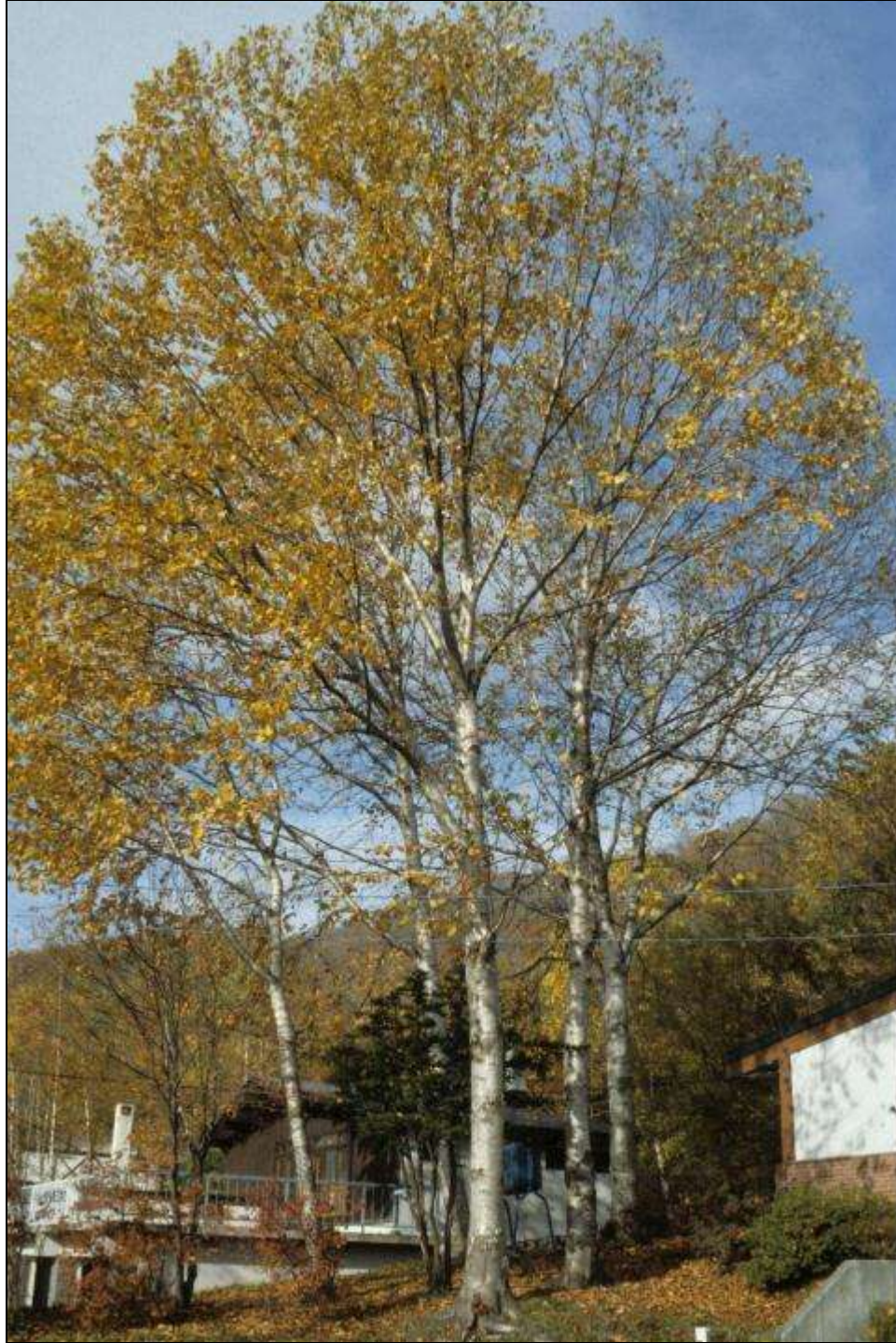




**Betula maximowicziana - BIBLI, Tienen -**



**Betula maximowicziana - Josankei region, nr Bano-sa-wa, Hokkaido, Japan**

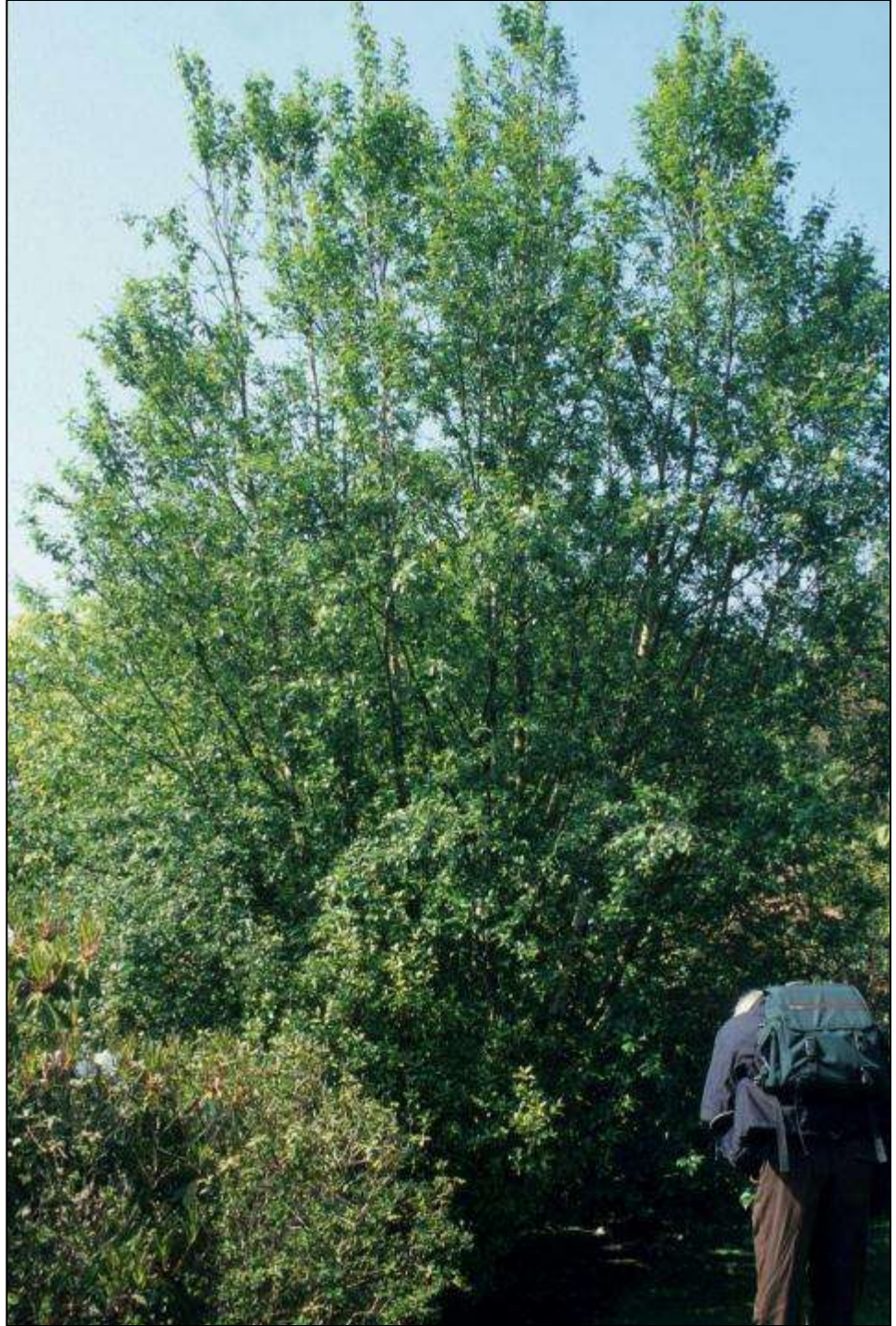


**Betula raddeana**

**Ness, Liverpool**

**BDB**

**2000.0504**





**Betula raddeana - Ness, Liverpool - 2000.0504 -**



**Betula dahurica - LENOI.1865 - 2006.0507**











**Betula dahurica (Mt. Togyu, S.Korea) - 93007-wld-288 - 2008.0106**



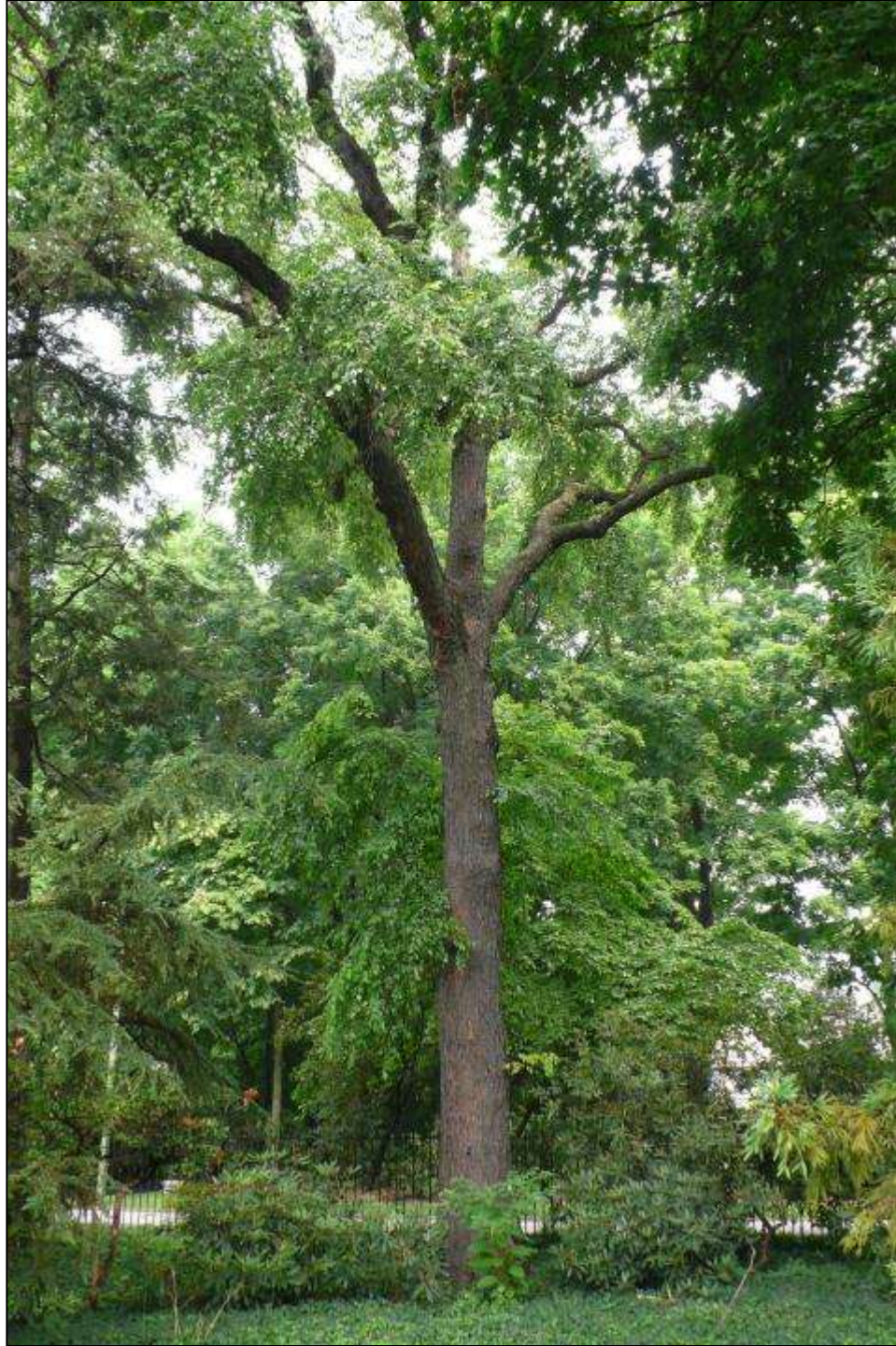


*Betula dahurica* (Mt.Togyu,S.Korea) - 93007-wld-288 - 2008.0106

**Betula nigra**

**Barnes Arboretum,  
Philadelphia,  
Pennsylvania  
a giant tree -**

**2007.0718**





**Betula nigra - KALMT - 2007.1005**










**Betula nigra - RAVEN BD.22714 - 251 cm - 2006.0912**





A close-up photograph of a tree trunk showing rough, fissured bark with many small, peeling scales. A white rectangular label is attached to the bark on the left side. The label has two lines of text: the first line reads "Betula nigra" and the second line reads "2014 39173". The background is slightly out of focus, showing green foliage and a tree branch.

Betula nigra  
2014 39173

**Betula nigra 'Heritage'**  
**USNA, Washington DC**  
**BDB 1992.0416 -**





Betula fruticosa - 91347-waa- 32 -



**Betula fruticosa - 91347-waa- 32 -**







**Betula glandulosa - Creste Butte, Col., IDS in Rocky Mountains**





**Betula nana - Lucina Găina, Romania - 2007.0702**



**Betula nana - Lucina Gaina, Romania - 2007.0702**



**Betula occidentalis - Animas river, to Durango, Col., IDS Rocky Mts - 2003.07 -**



***Betula occidentalis* (Escalante, UT, USA, 2590m) - 07147-wld-279 - 2008.0601**

**Betula pubescens**

**Reserve du Rouge Poncé**

**Excursion BDB  
2005.0423**





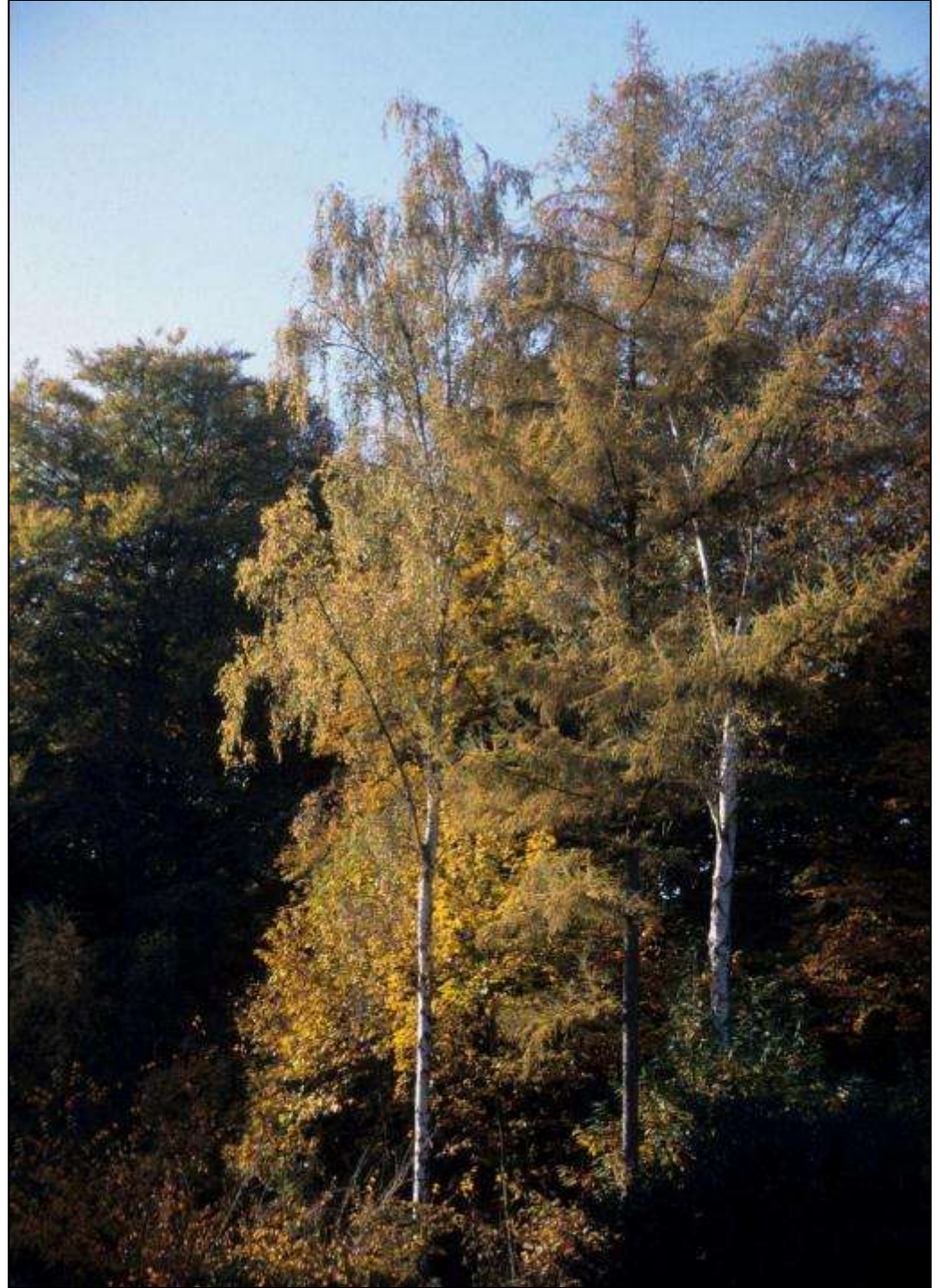
**Betula pubescens  
subsp. Carpatica**

**Arboretum Wespelaar  
91351-waa-276 –  
2008.0601**





**Betula pendula**  
**spontaneous**  
**Herkenrode in 300**  
**1999.10**











**Betula pendula & Ilex aquifolium - Killarney Nat. Park, BDB in Ireland - 2001.0327**



Betula pendula 'Youngii' - DAVE 1,16x4m, - 1992.08 -





**Betula platyphylla - Josankei region, Hokkaido, Japan - IDS- 23 Oct 1992f**



**Betula platyphylla - 91349-waa-286 - 2008.0420**









**Betula platyphylla ssp. szechuanica - Road to Daju, Yunnan - 2008.0625**









**Betula platyphylla var. japonica - 95301-wld-140 - 2004.1022**





**Betula papyrifera – KALM.0822 –  
2007.1027-**



**Betula papyrifera - ARTER in 11b -**





**Betula papyrifera - Heilmannshof, Krefeld , BDB - 2007.0520**



**Betula papyrifera - Pinkham Notch, Mt. Washington N.H. - BDB- 12 Oct 1997**





**Betula populifolia (Rice Sanctuary, Peru, Mass.) - 99184-wld-278 - 2006.1024**







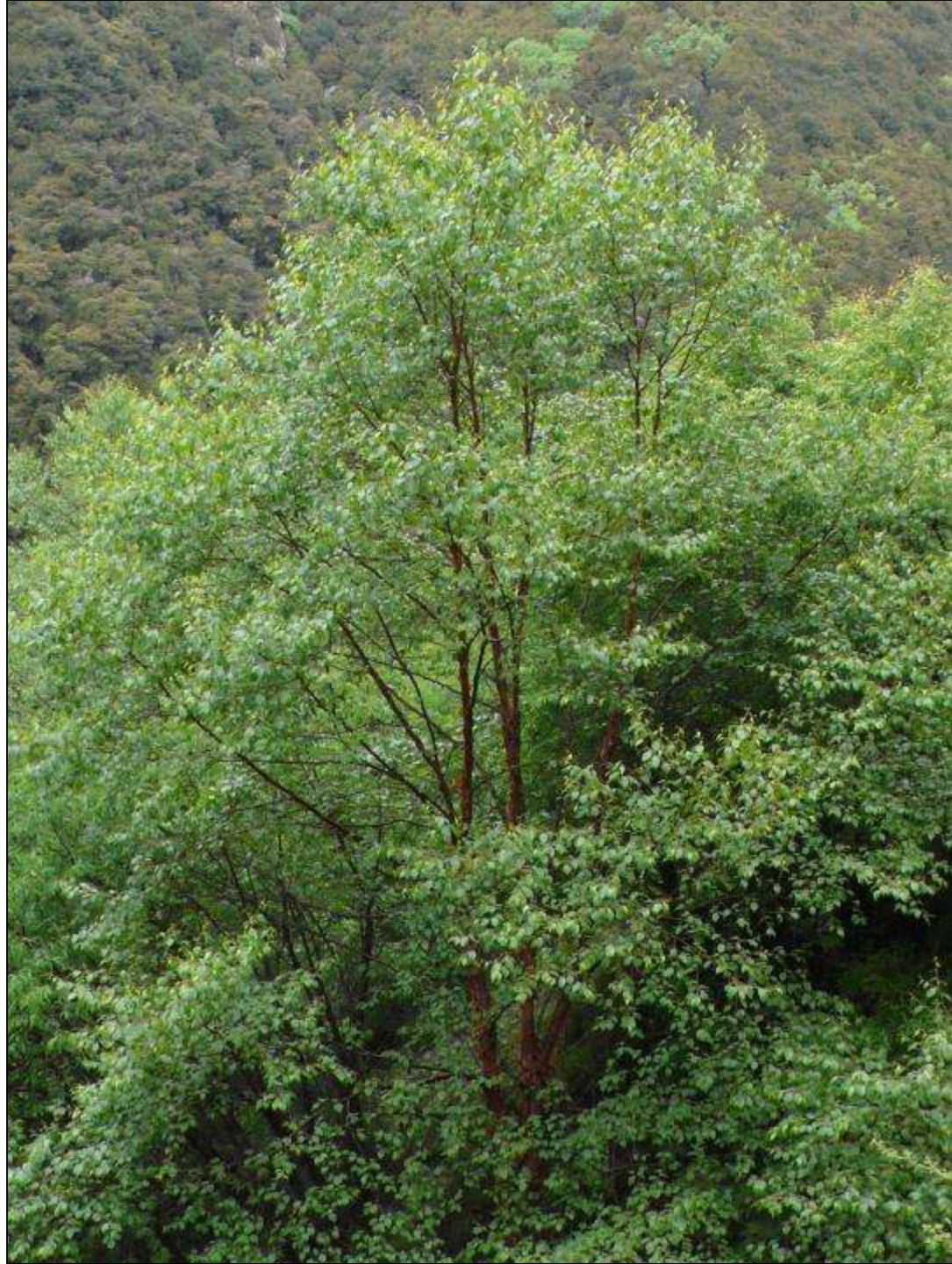


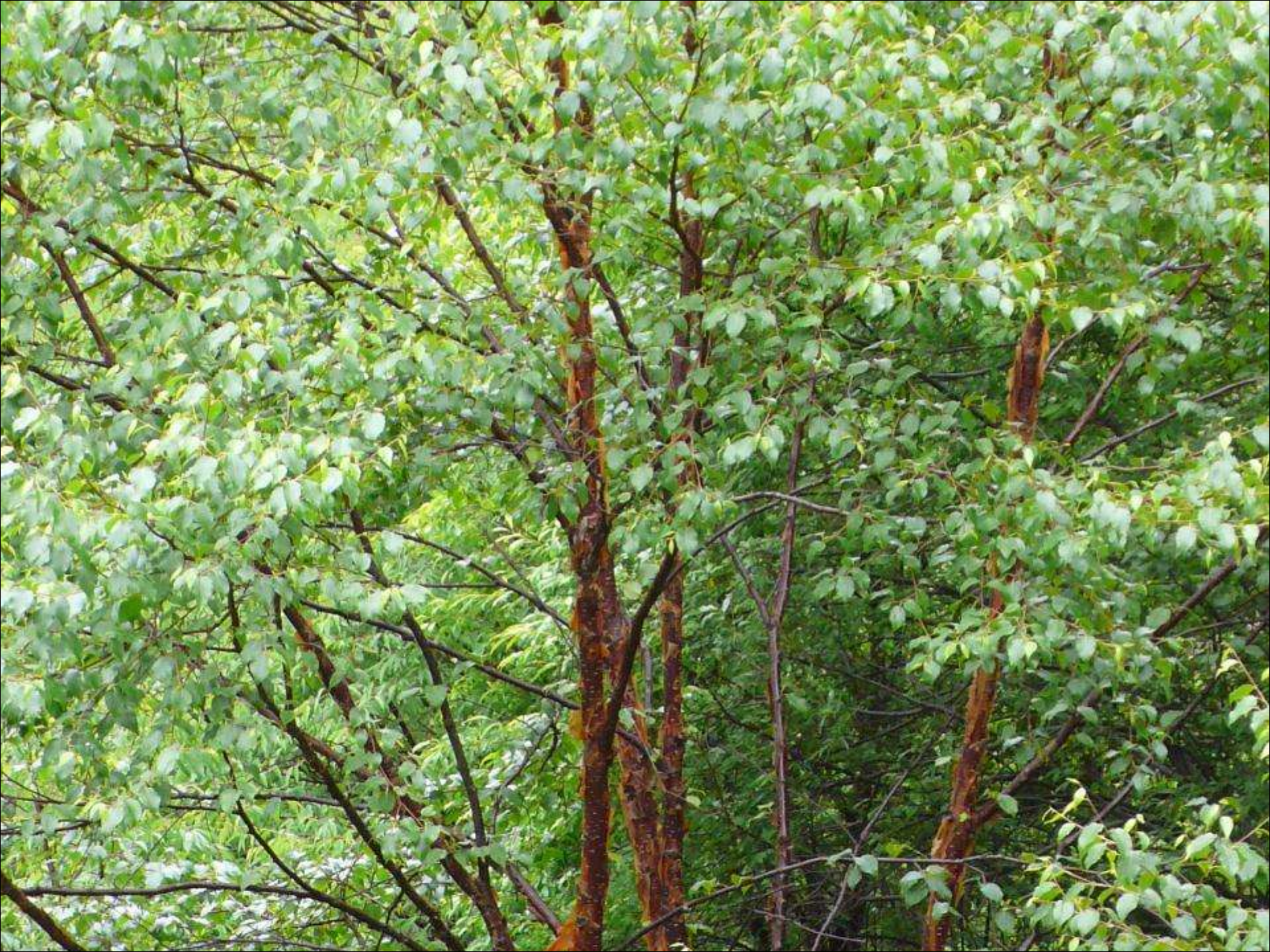






**Betula utilis - MachunGo (Bear Gorge) - Sangdai to Xiangchang - 2008.0703**











*Betula utilis* var. *utilis* - Cangshan, Dali - 2007.0405



**Betula utilis CLD 406, (Zhongdian, Yunnan) - 96128-wld-572 - 2008.0525**



**Betula utilis var. albosinensis - Castle Howard 017-86**



*Betula utilis* var. *albosinensis* (Jiuzhaigou, Sichuan) - 1986.0909 - Long Lake,



*alis* var. *albosinensis* (Jiuzhaigou, Sichuan) - 89174-wld- X - 2008.0601



***Betula utilis* var. *jacquemontii***  
**Kashmir - July 1983**

**Betula x apoiensis**  
(ermanii x ovalifolia)







***Betula x apoiensis***  
**(*ermanii x ovalifolia*)**



**Betula apoiensis (ermanii x ovata)**



B

*Betula x apoiensis*  
Erect catkins, old and new



*Stylocheilichthys ermanii* - Azumakofuji, 1450m, Honshu, IDS in Japan - 1992.1028







Betula ermanii - 88082-ter-220 - 2006.10.19



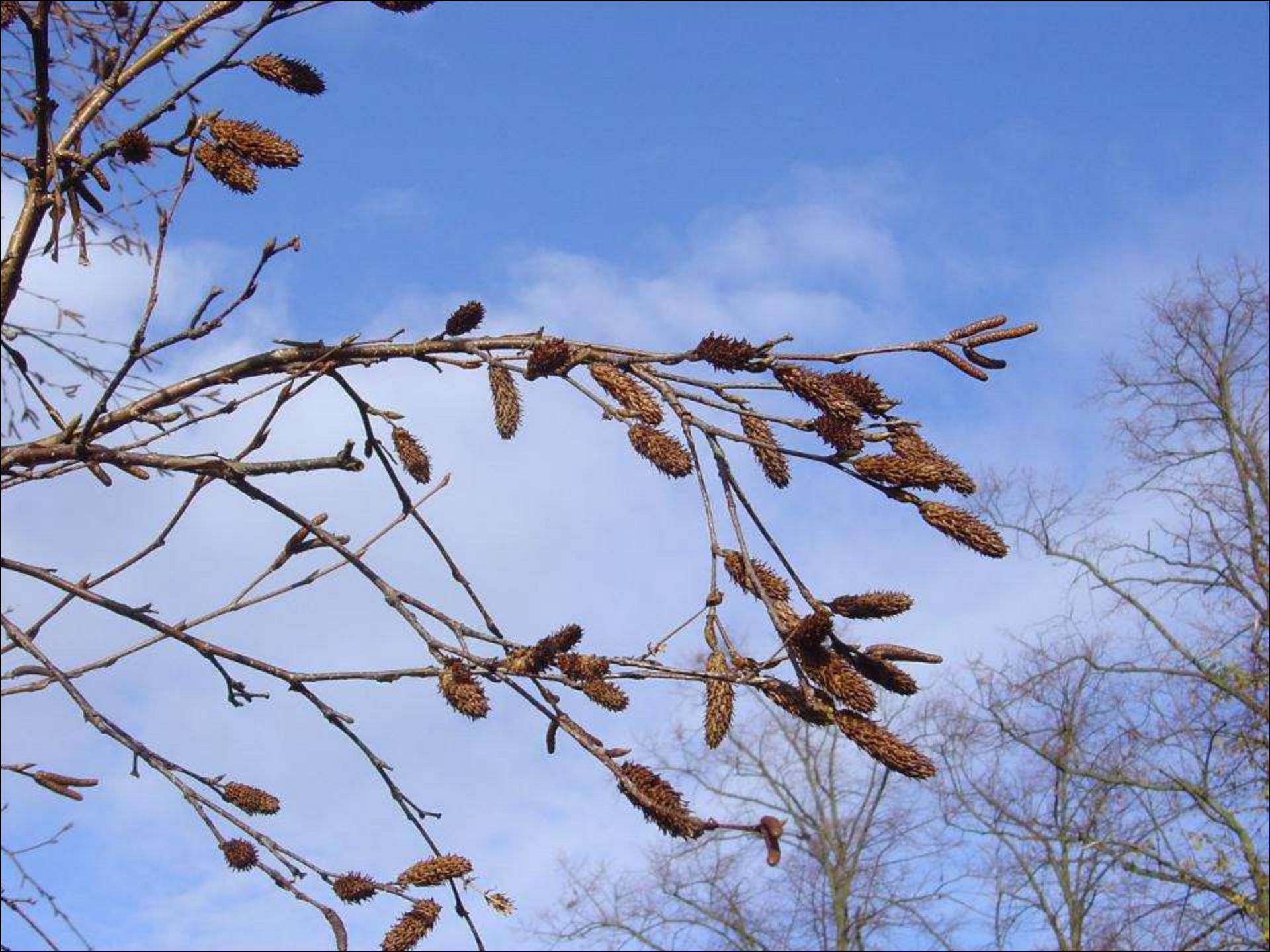
*Betula ermanii* (Mt. Odae, S.n Korea) - 93018-wld-28













**Betula ermanii - LENOI.0243 - 1002.04 -**



**Betula costata (Mt. Odae) - 92046-wld- R - 2004.1022 -**













**Betula utilis var. jacquemontii - McBeath 1737 - Dawyck.1985.1857 - 2008.0430**