Towards a pan-European Forestry Near-Infrared Spectrometry platform

BOKU (Vienna, AT), CIRAD (Montpellier, FR), INRA (Orléans, FR), ISA (Lisbon, PO)

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Sorted by genus and species

Institute	*Genus*	Species	Trait	Type of product
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	MOE L	solid wood
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	MOE T	solid wood
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	TangdeltaT (internal friction)	solid wood
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	Volumic mass	solid wood
CIRAD	*Eucalyptus*	***E. pellita***	Density (basic)	powder
CIRAD	*Eucalyptus*	***E. pellita***	Pulp Yield	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	ASL	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractive contents	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractives (Ethanol)	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractives (total)	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractives (Water)	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	KL	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Lignin (Klason)	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Longitudinal growth strain	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	LongitudinaL shrinkage	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	LT	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Polyphenol	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Py_lignin	powder

CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Radial shrinkage	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	S/G	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Tangential shrinkage	powder
CIRAD	*Eucalyptus*	***E. urophylla***	Density (basic)	solid wood
CIRAD	*Eucalyptus*	***E. urophylla***	G	powder
CIRAD	*Eucalyptus*	***E. urophylla***	Lignin	powder
CIRAD	*Eucalyptus*	***E. urophylla***	Lignin (Acid soluble)	powder
CIRAD	*Eucalyptus*	***E. urophylla***	MFA	powder
CIRAD	*Eucalyptus*	***E. urophylla***	S	powder
CIRAD	*Eucalyptus*	***E. urophylla***	S/G	powder
BOKU	*Eucalyptus*	***Eucalyptus camaldulensis***	Density (air dry)	solid wood
BOKU	*Eucalyptus*	***Eucalyptus camaldulensis***	Fiber length	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Extractive contents	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Extractives (Ethanol)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Lignin (total)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	S/G	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Total	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Water	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	DB (Kg/m3)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Djanka R (MPa)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Djanka Tg (MPa)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	DN (Kg/m3)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Extractive contents	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Extractives (Ethanol)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Lignin (total)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	MOE	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	MOR (MPa)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	S/G	powder

IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Total	powder
CIRAD	*Eucalyptus*	***Eucalyptus grandis and E.urophylla***	Compression	solid wood
CIRAD	*Eucalyptus*	***Eucalyptus grandis and E.urophylla***	Density (basic)	solid wood
CIRAD	*Eucalyptus*	***Eucalyptus grandis and E.urophylla***	MOE	solid wood
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Alpha-cellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Alpha-cellulose	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Ethanol)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Ethanol)	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (total)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (total)	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Water)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Water)	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Hemicellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Hemicellulose	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Holo-cellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Holo-cellulose	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (Acid soluble)	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (Klason)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (Klason)	chips
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (total)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (total)	chips
IICT-->ISA	*Eucalyptus*	***Eucalyptus urograndis***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus urograndis***	Lignin (total)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus urograndis***	S/G	powder
INRA	*Eucalyptus*	***Hybrid Poplar***	Lignin (Klason)	powder
INRA	*Eucalyptus*	***Hybrid Poplar***	S/G	powder
INRA	*Eucalyptus*	***Hybrid Poplar***	Extractive contents	powder
INRA	*Eucalyptus*	***Hybrid Poplar and Populus D x T multi-species***	Tension wood (%)	powder
IICT-->ISA	*Eucalyptus*	**Hybrids *Eucalyptus***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	**Hybrids *Eucalyptus***	Lignin (total)	powder

IICT-->ISA	*Eucalyptus*	**Hybrids *Eucalyptus***	S/G	powder
CIRAD	*Eucalyptus*	***Panel of Eucalyptus***	Internal bond	solid wood
CIRAD	*Eucalyptus*	***Panel of Eucalyptus***	MOE	solid wood
CIRAD	*Eucalyptus*	***Panel of Eucalyptus***	MOR	solid wood
CIRAD	*Eucalyptus*	***Panel of eucalyptus & Bagasse***	Bagasse (%)	solid wood
BOKU	*Larix*	***Larix decidua and Larix kaempferi***	prediction of x values based on the mass loss after Coniophora puteana attack	solid wood
BOKU	*Larix*	***Larix decidua and Larix kaempferi***	prediction of x values based on the mass loss after Poria placenta attack	solid wood
BOKU	*Larix*	***Larix decidua and Larix sibirica***	prediction of x values based on the mass loss after Coniophora puteana attack,	solid wood
BOKU	*Larix*	***Larix decidua and Larix sibirica***	prediction of x values based on the mass loss after Gloeophyllum trabeum attack	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractive contents	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractive contents	solid wood
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Ethanol)	powder
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Ethanol)	solid wood
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Hot water)	powder
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Hot water)	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	MOE	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenolic compounds	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenolic compounds	solid wood
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenols	powder

BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenols	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	prediction of x values based on the mass loss after Coniophora puteana attack	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Taxifoline et DHK	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Taxifoline et DHK	solid wood
CIRAD	*Liquidambar*	***Liquidambar styraciflua***	Density (basic)	solid wood
CIRAD	*Liquidambar*	***Liquidambar styraciflua***	PSF	solid wood
CIRAD	*Okan, Niové, Padouk*	***Okan (10), Niové (33), Padouk (18)***	Extractives (total)	powder
BOKU	*Picea*	***Picea abies L. Karst***	Lignin (Klason)	powder
BOKU	*Picea*	***Picea abies L. Karst***	Lignin (total)	powder
BOKU	*Picea*	***Picea abies L. Karst***	P50 for prediction of hydraulic vulnerability	solid wood
BOKU	*Picea*	***Picea abies L. Karst***	RWL50 for prediction of hydraulic capacitance	solid wood
IICT-->ISA	*Pinus*	***Pinus halepensis***	Dichloromethane	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	Extractive contents	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	H/G	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	Lignin (Klason)	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	Total	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Cellulose content	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Dichloromethane	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Extractive contents	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Extractives (Ethanol)	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Galactose	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	H/G	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Hemicellulose	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Lignin (Klason)	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Mannose	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Total	powder

IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Water	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Xylose	powder
INRA	*Pinus*	***Pinus sylvestris***	Pinosyl monomethyl ether	solid wood
INRA	*Pinus*	***Pinus sylvestris***	Pinosylvin	solid wood
INRA	*Pinus*	***Pinus sylvestris***	stilbens	solid wood
INRA	*Populus*	***Populus deltoides x trichocarpa***	Alpha-cellulose	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Hemicellulose	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Holocellulose	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Hydrolysed carbohydrates : glucose - Xylose	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Lignin (Klason)	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Lignin (total)	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	S/G	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Sugars (Soluble)	powder
INRA	*Populus*	***Populus nigra***	Alpha-cellulose	powder
INRA	*Populus*	***Populus nigra***	Extractive contents	powder
INRA	*Populus*	***Populus nigra***	Hemicellulose	powder
INRA	*Populus*	***Populus nigra***	Holocellulose	powder
INRA	*Populus*	***Populus nigra***	Hydrolysed carbohydrates : glucose - Xylose	powder
INRA	*Populus*	***Populus nigra***	Lignin (Klason)	powder
INRA	*Populus*	***Populus nigra***	Lignin (total)	powder
INRA	*Populus*	***Populus nigra***	S/G	powder
INRA	*Populus*	***Populus nigra***	Saccharification without pretraitement (%)	powder
IICT-->ISA	*Populus*	***Populus sp.***	Extractive contents	powder
IICT-->ISA	*Populus*	***Populus sp.***	Extractives (Ethanol)	powder
IICT-->ISA	*Populus*	***Populus sp.***	Lignin (Klason)	powder
IICT-->ISA	*Populus*	***Populus sp.***	Lignin (total)	powder
IICT-->ISA	*Populus*	***Populus sp.***	S/G	powder
IICT-->ISA	*Populus*	***Populus sp.***	Total	powder
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	Density (basic)	solid wood
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	MOE	solid wood

CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	PSF	solid wood
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	Radial shrinkage	solid wood
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	Tangential shrinkage	solid wood
CIRAD	*Quercus*	***Quercus sp.***	Phenolic compounds (total)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Alpha-cellulose	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Extractive contents	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Hemicellulose	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Holocellulose	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Lignin (Klason)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Lignin (total)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Phenolic compounds (total)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Robinetin - DHR	powder
CIRAD	*Tectona*	***Tectona grandis***	1,4-Naphthoquinone	powder
CIRAD	*Tectona*	***Tectona grandis***	2-(Hydroxymethyl)anthraquinone	powder
CIRAD	*Tectona*	***Tectona grandis***	2-Anthraquinone carboxylic acid	powder
CIRAD	*Tectona*	***Tectona grandis***	4',5'-Dihydroxy(epi)isocatalponol	powder
CIRAD	*Tectona*	***Tectona grandis***	Density (basic)	solid wood
CIRAD	*Tectona*	***Tectona grandis***	FSP	solid wood
CIRAD	*Tectona*	***Tectona grandis***	FSP	powder
CIRAD	*Tectona*	***Tectona grandis***	MOE	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Natural durability	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Phenolic compounds (total)	powder
CIRAD	*Tectona*	***Tectona grandis***	Radial shrinkage	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Radial shrinkage	powder
CIRAD	*Tectona*	***Tectona grandis***	Tangential shrinkage	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Tangential shrinkage	powder
CIRAD	*Tectona*	***Tectona grandis***	Tectoquinone	powder
CIRAD	*Tectona*	***Tectona grandis***	Volumic mass	solid wood

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	INRA (Orléans, FR)	J.P.Charpentier, V.Segura	Jean-Paul.Charpentier@orleans.inra.fr

Sorted by traits

Institute	*Genus*	Species	Trait	Type of product
CIRAD	*Tectona*	***Tectona grandis***	1,4-Naphthoquinone	powder
CIRAD	*Tectona*	***Tectona grandis***	2-(Hydroxymethyl)anthraquinone	powder
CIRAD	*Tectona*	***Tectona grandis***	2-Anthraquinone carboxylic acid	powder
CIRAD	*Tectona*	***Tectona grandis***	4',5'-Dihydroxy(epi)isocatalponol	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Alpha-cellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Alpha-cellulose	chips
INRA	*Populus*	***Populus deltoides x trichocarpa***	Alpha-cellulose	powder
INRA	*Populus*	***Populus nigra***	Alpha-cellulose	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Alpha-cellulose	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	ASL	powder
CIRAD	*Eucalyptus*	***Panel of eucalyptus & Bagasse***	Bagasse (%)	solid wood
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Cellulose content	powder
CIRAD	*Eucalyptus*	***Eucalyptus grandis and E.urophylla***	Compression	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	DB (Kg/m3)	solid wood
BOKU	*Eucalyptus*	***Eucalyptus camaldulensis***	Density (air dry)	solid wood
CIRAD	*Eucalyptus*	***E. pellita***	Density (basic)	powder

CIRAD	*Eucalyptus*	***E. urophylla***	Density (basic)	solid wood
CIRAD	*Eucalyptus*	***Eucalyptus grandis and E.urophylla***	Density (basic)	solid wood
CIRAD	*Liquidambar*	***Liquidambar styraciflua***	Density (basic)	solid wood
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	Density (basic)	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Density (basic)	solid wood
IICT-->ISA	*Pinus*	***Pinus halepensis***	Dichloromethane	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Dichloromethane	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Djanka R (MPa)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Djanka Tg (MPa)	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	DN (Kg/m3)	solid wood
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractive contents	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Extractive contents	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Extractive contents	powder
INRA	*Eucalyptus*	***Hybrid Poplar***	Extractive contents	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractive contents	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractive contents	solid wood
IICT-->ISA	*Pinus*	***Pinus halepensis***	Extractive contents	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Extractive contents	powder
INRA	*Populus*	***Populus nigra***	Extractive contents	powder
IICT-->ISA	*Populus*	***Populus sp.***	Extractive contents	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Extractive contents	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractives (Ethanol)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Extractives (Ethanol)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Extractives (Ethanol)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Ethanol)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Ethanol)	chips
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Ethanol)	powder
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Ethanol)	solid wood
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Extractives (Ethanol)	powder
IICT-->ISA	*Populus*	***Populus sp.***	Extractives (Ethanol)	powder

BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Hot water)	powder
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Extractives (Hot water)	solid wood
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractives (total)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (total)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (total)	chips
CIRAD	*Okan, Niové, Padouk*	***Okan (10), Niové (33), Padouk (18)***	Extractives (total)	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Extractives (Water)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Water)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Extractives (Water)	chips
BOKU	*Eucalyptus*	***Eucalyptus camaldulensis***	Fiber length	solid wood
CIRAD	*Tectona*	***Tectona grandis***	FSP	solid wood
CIRAD	*Tectona*	***Tectona grandis***	FSP	powder
CIRAD	*Eucalyptus*	***E. urophylla***	G	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Galactose	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	H/G	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	H/G	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Hemicellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Hemicellulose	chips
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Hemicellulose	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Hemicellulose	powder
INRA	*Populus*	***Populus nigra***	Hemicellulose	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Hemicellulose	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Holocellulose	powder
INRA	*Populus*	***Populus nigra***	Holocellulose	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Holocellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Holo-cellulose	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Holo-cellulose	chips
INRA	*Populus*	***Populus deltoides x trichocarpa***	Hydrolysed carbohydrates : glucose - Xylose	powder
INRA	*Populus*	***Populus nigra***	Hydrolysed carbohydrates : glucose -	powder

			Xylose	
CIRAD	*Eucalyptus*	***Panel of Eucalyptus***	Internal bond	solid wood
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	KL	powder
CIRAD	*Eucalyptus*	***E. urophylla***	Lignin	powder
CIRAD	*Eucalyptus*	***E. urophylla***	Lignin (Acid soluble)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (Acid soluble)	chips
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Lignin (Klason)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (Klason)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (Klason)	chips
IICT-->ISA	*Eucalyptus*	***Eucalyptus urograndis***	Lignin (Klason)	powder
INRA	*Eucalyptus*	***Hybrid Poplar***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	**Hybrids *Eucalyptus***	Lignin (Klason)	powder
BOKU	*Picea*	***Picea abies L. Karst***	Lignin (Klason)	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	Lignin (Klason)	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Lignin (Klason)	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Lignin (Klason)	powder
INRA	*Populus*	***Populus nigra***	Lignin (Klason)	powder
IICT-->ISA	*Populus*	***Populus sp.***	Lignin (Klason)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Lignin (Klason)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Lignin (total)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Lignin (total)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (total)	powder
CIRAD	*Eucalyptus*	***Eucalyptus sp.***	Lignin (total)	chips
IICT-->ISA	*Eucalyptus*	***Eucalyptus urograndis***	Lignin (total)	powder
IICT-->ISA	*Eucalyptus*	**Hybrids *Eucalyptus***	Lignin (total)	powder
BOKU	*Picea*	***Picea abies L. Karst***	Lignin (total)	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	Lignin (total)	powder
INRA	*Populus*	***Populus nigra***	Lignin (total)	powder

IICT-->ISA	*Populus*	***Populus sp.***	Lignin (total)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Lignin (total)	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Longitudinal growth strain	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	LongitudinaL shrinkage	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	LT	powder
IICT-->ISA	*Pinus*	***Pinus pinaster* Aiton**	Mannose	powder
CIRAD	*Eucalyptus*	***E. urophylla***	MFA	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	MOE	solid wood
CIRAD	*Eucalyptus*	***Eucalyptus grandis and E.urophylla***	MOE	solid wood
CIRAD	*Eucalyptus*	***Panel of Eucalyptus***	MOE	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	MOE	solid wood
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	MOE	solid wood
CIRAD	*Tectona*	***Tectona grandis***	MOE	solid wood
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	MOE L	solid wood
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	MOE T	solid wood
CIRAD	*Eucalyptus*	***Panel of Eucalyptus***	MOR	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	MOR (MPa)	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Natural durability	solid wood
BOKU	*Picea*	***Picea abies L. Karst***	P50 for prediction of hydraulic vulnerability	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenolic compounds	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenolic compounds	solid wood
CIRAD	*Quercus*	***Quercus sp.***	Phenolic compounds (total)	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Phenolic compounds (total)	powder
CIRAD	*Tectona*	***Tectona grandis***	Phenolic compounds (total)	powder
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenols	powder
BOKU	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Phenols	solid wood
INRA	*Pinus*	***Pinus sylvestris***	Pinosyl monomethyl ether	solid wood
INRA	*Pinus*	***Pinus sylvestris***	Pinosylvin	solid wood
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Polyphenol	powder

BOKU	*Larix*	***Larix decidua and Larix kaempferi***	prediction of x values based on the mass loss after Coniophora puteana attack	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	prediction of x values based on the mass loss after Coniophora puteana attack	solid wood
BOKU	*Larix*	***Larix decidua and Larix sibirica***	prediction of x values based on the mass loss after Coniophora puteana attack,	solid wood
BOKU	*Larix*	***Larix decidua and Larix sibirica***	prediction of x values based on the mass loss after Gloeophyllum trabeum attack	solid wood
BOKU	*Larix*	***Larix decidua and Larix kaempferi***	prediction of x values based on the mass loss after Poria placenta attack	solid wood
CIRAD	*Liquidambar*	***Liquidambar styraciflua***	PSF	solid wood
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	PSF	solid wood
CIRAD	*Eucalyptus*	***E. pellita***	Pulp Yield	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Py_lignin	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Radial shrinkage	powder
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	Radial shrinkage	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Radial shrinkage	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Radial shrinkage	powder
INRA	*Robinia*	***Robinia pseudoacacia***	Robinetin - DHR	powder
BOKU	*Picea*	***Picea abies L. Karst***	RWL50 for prediction of hydraulic capacitance	solid wood
CIRAD	*Eucalyptus*	***E. urophylla***	S	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	S/G	powder
CIRAD	*Eucalyptus*	***E. urophylla***	S/G	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	S/G	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	S/G	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus urograndis***	S/G	powder
INRA	*Eucalyptus*	***Hybrid Poplar***	S/G	powder
IICT-->ISA	*Eucalyptus*	**Hybrids *Eucalyptus***	S/G	powder
INRA	*Populus*	***Populus deltoides x trichocarpa***	S/G	powder
INRA	*Populus*	***Populus nigra***	S/G	powder

IICT-->ISA	*Populus*	***Populus sp.***	S/G	powder
INRA	*Populus*	***Populus nigra***	Saccharification without pretraitement (%)	powder
INRA	*Pinus*	***Pinus sylvestris***	stilbens	solid wood
INRA	*Populus*	***Populus deltoides x trichocarpa***	Sugars (Soluble)	powder
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	TangdeltaT (internal friction)	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Tangential shrinkage	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Tangential shrinkage	powder
CIRAD	*Eucalyptus*	***E. uro x E. grandis***	Tangential shrinkage	powder
CIRAD	*Pterocarpus*	***Pterocarpus erinaceus***	Tangential shrinkage	solid wood
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Taxifoline et DHK	powder
INRA	*Larix*	***Larix decidua, Larix kaempferi & Larix x eurolepis***	Taxifoline et DHK	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Tectoquinone	powder
INRA	*Eucalyptus*	***Hybrid Poplar and Populus D x T multi-species***	Tension wood (%)	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Total	powder
IICT-->ISA	*Eucalyptus*	***Eucalyptus grandis***	Total	powder
IICT-->ISA	*Pinus*	***Pinus halepensis***	Total	powder
IICT-->ISA	*Pinus*	***Pinus pinaster*** **Aiton**	Total	powder
IICT-->ISA	*Populus*	***Populus sp.***	Total	powder
CIRAD	*Eucalyptus*	***E. grandis x urophylla & E. urophylla x grandis***	Volumic mass	solid wood
CIRAD	*Tectona*	***Tectona grandis***	Volumic mass	solid wood
IICT-->ISA	*Eucalyptus*	***Eucalyptus globulus***	Water	powder
IICT-->ISA	*Pinus*	***Pinus pinaster*** **Aiton**	Water	powder
IICT-->ISA	*Pinus*	***Pinus pinaster*** **Aiton**	Xylose	powder