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CODES TO THE INTREDIS REGISTER SYSTEM  
FOR LITERATURE RETRIEVAL  
IN FOREST PATHOLOGY

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The term International Tree Disease Register  
led to the abbreviation INTREDIS Register

MEMBERS  
OF THE COMMITTEE  
ON THE INTREDIS SCHEME

B. K. Bakshi	India
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Asheville, North Carolina

June 1965

## INTRODUCTION

The INTREDIS Register is a system of electronic data retrieval for the field of forest pathology. It is composed of two elements: (1) a set of punchcards each containing a reference to an abstracted article on some phase of forest pathology; and (2) a system for sorting or electronically scanning these cards so that references may be printed out either by subject breakdown, by country to which the reference is germane, by the host plant genus or species, by the organism causing the disease, or by the abstracting journal consulted. Print-outs can be provided consisting of all references in the card register that deal with any subject, country, host plant, or causal organism listed in this code book.

Examples of what appears at the top of seven actual punchcards taken at random are given on pages 32 and 33.

In these examples, Bakshi has 2 cards made on his citation to provide for fungus cross reference on both Fomes lignosus and Polyporus sp. Rishbeth has 2 cards made on his reference to provide fungus cross reference on both Fomes annosus and Peniophora.

Starting from the left of the card, the first 13 columns are code numbers and letters that pertain to the headings shown above them on the card samples.

The references carded for INTREDIS have all been taken from abstracts considered to apply particularly to the field of forest pathology, and that have appeared in either the Review of Applied Mycology, Forestry Abstracts, Biological Abstracts, or the Abstracts of the Air Pollution Control Association. Other abstracting journals may also be used later for additional references.

More than one card for a citation is made where the coder feels it important to provide cross referencing.

The author's name always gets 2 spaces (columns 22 and 23) for initials regardless of how many he has. Thus, one knows that his last name always begins in column 24. His last name is written in full. The title of the paper is freely abbreviated. The recipient of a list of titles from INTREDIS can always get the full titles from the abstracts themselves.

The volume and page of the abstracting journal (columns 14 to 19) are not coded, but are actual numbers.

The year (columns 20 and 21) is the year of publication of the article, and not the year of publication of the abstract. Only the last two digits of the year are shown.

The codes are self-explanatory.

Subject code.--In sorting, sensing on both numbers or letters (columns 1 and 2) will retrieve the ultimate subject designation. Sensing on only the first (column 1) will get a larger breakdown. For example, sensing only on the number 1 in the first column would retrieve all foliage diseases, whereas sensing on number 14 would get only foliage rusts. Sensing only on 2 in column 1 would get all bark diseases, whereas 22 would get bark diseases under cankers.

Host code.--Most of the tree genera and many other woody plant genera of the world are listed in the host code. For major genera, many of the species also are listed. The first 3 digits or letters (columns 3, 4, and 5) will retrieve the genus. The use of all 5 digits (columns 3 to 7) will retrieve genus and species in cases where the code goes to species. Thus, sorting for 38G in columns 3 to 5 would get all cards dealing with species of Pinus; 38G00 in columns 3 to 7 would get a named species of Pinus not listed in the code; and 38G2Y in columns 3 to 7, for example, would get only cards dealing with Pinus strobus.

Country code.--The original list was obtained from the Commonwealth Mycological Institute, and has had some changes and additions made to it.

Pathogen code.--This is largely based on genera of fungi, bacteria, nematodes, et al., with some names of classes, orders, or families where these are particularly useful to forest pathology literature retrieval. Some fungi are listed down to species.

One could obtain references, for example, to all nematodes (U in column 10), or to all members of the fungus genus Fomes (74 in columns 10 and 11) or just to Fomes annosus (741 in columns 10, 11, 12). However, one cannot obtain all Ascomycetes by sensing 150, or all Uredinales by sensing JAO. Such latter terms are included only for titles that may refer, for example, to the "Ascomycetes of Georgia" or the "Rusts of Madagascar."

Information on how to request literature searches through INTREDIS, costs, and other related information will be made available as soon as feasible.

## SUBJECT CODE

0	Diseases of Misc. Organs		diebacks, incl.
00	Flowers & flower parts		pole bl., oak decl.
01	Fruits	43	Stunting, cause un-
02	Seeds, incl. seeds as vectors	49	known
03	Rhizomes & related		Other
09	Other	5	Twig, Shoot & Branch Dis's.
1	Foliage Diseases	50	Blights, cankers
10	Algal	51	Mistletoe & dwarf-
11	Bacterial	52	mistletoe
12	Virus	53	Tumors & growth oddities
13	Nutritional	54	Witches' brooms, not
14	Rusts	59	mistletoe
15	Powdery mildews		Misc. parasites and
16	Fungus origin (not 14 or 15)	6	epiphytes
19	Other	60	Other
2	Bark Diseases	61	Root Diseases, Mycorrhizae
20	Deterioration of re-	62	and Related
21	moved bark	63	Rots & root necroses,
22	Bark diseases, not	64	incl. littleleaf
29	cankers (no cam-	65	Nematode diseases
3	bial necrosis)	66	Phanerogamic parasite
30	Cankers (cambial	67	diseases
31	necrosis), incl.	68	Mycorrhizae
32	stem rusts	69	Rhizosphere flora
33	Other	7	Other
34	Diseases of the Woody	70	Injuries not Microbiotic
35	Cylinder	71	Air pollution
36	Rot, heart	72	Animal damage
37	Rot, other	73	Chemical injuries,
38	Tracheomycotic stains	74	unclassified
39	Other discolorations	75	Climate and disease
40	Wetwood and flux	76	Climate & vegetation
41	Burls, tumors (not	77	Cold and heat
42	mistletoe)	78	Drought
43	Main stem defects,	79	Fire
44	mistletoe	80	Flooding
45	Shake	81	Herbicides
46	Other	82	Ice and snow
47	Systemic Diseases	83	Logging damage (general,
48	Vascular wilts	84	not 42)
49	Viruses	85	Mineral deficiencies
50	Decadence & general	86	Mineral excesses
		87	Radiation, ionizing
		88	Recreation use
		89	Salt & salt water

7H	Wind	B4	Seedling diseases, not nursery
7Z	Other	B9	Other
8	Wood deterioration	C	Plant Pathology, General
80	Decay of slash	CO	Antibiosis & related, incl. all organism interactions except hyperparasitism
81	Decay of killed timber	C1	Disease organism genetics
82	Decay of unmanufactured wood (chips, pulpwood, logs, lumber)	C2	Disease organism morphology
83	Decay of finished products and structures (incl. posts, poles, piling)	C3	Disease organism lists, monographs, and records of occurrence
84	Decay processes (incl. chem. of decay)	C4	Disease organism physiology and chemistry
85	Softrots (non-basidiomycete)	C5	Disease organism survival
86	Stains and molds	C6	Disease organism taxonomy & nomenclature
87	Natural durability and extractive charact.	C7	Disease organism variation
89	Other	C8	Disease surveys
9	Disease Control Practices	C9	Etiology, (inoculation, infection, germination, growth, etc.)
90	Biological	CA	Histology
91	Chemical, general	CB	History
92	Chemical, systemics	CC	Hyperparasitism
93	Control policies	CD	Methods (incl. statistics)
94	Control principles, general	CE	Nature of resistance
95	Quarantines	CF	Organism toxins and related
96	Through selection and breeding	CG	Serology
97	Through silviculture	CH	Spore distribution
98	Wood preservation	CJ	Symptomatology
99	Other	CZ	Other
A	Special Tree Pathology Subjects	D	Other
A0	Diseases of ornamentals	DO	Ecology
A1	Nursery diseases, non-forest	D1	Entomological relationships
A2	Orchard diseases	D2	Meteorology
A9	Other	D3	Plant physiology
B	Special Forest Pathology Subjects	D4	Plant propagation
B0	General (dealing with many diseases)	D5	Soil biology (see also 6)
B1	Diseases of naval stores species	D6	Vectors, not insects
B2	Nursery diseases, forest	D7	Wood utilization
B3	Plantation diseases, general		



## CODE FOR PLANT HOST SPECIES

00100	Abarema	00500	Acacia
00200	Abies	00501	acuminata
00201	alba	00502	albida
00202	amabilis	00503	ancistroclada
00203	balsamea	00504	aneura
00204	borisii-regis	00505	arabica
00205	bornmuelleriana	00506	aulacocarpa
00206	cephalonica	00507	auriculiformis
00207	cilicica	00508	berlandieri
00208	concolor	00509	caesia
00209	delavayi	0050A	caffra
0020A	equi-trojani	0050B	calcicola
0020B	excelsior	0050C	catechu
0020C	fabri	0050D	caven
0020D	faxoniana	0050E	chundra
0020E	firma	0050F	concinna
0020F	forrestii	0050G	constricta
0020G	fraseri	0050H	cyanophylla
0020H	georgei	0050J	cyclops
0020J	grandis	0050K	cymbispina
0020K	holophylla	0050L	dealbata
0020L	homolepis	0050M	decurrens
0020M	kawakamii	0050N	eburnea
0020N	koreana	0050P	excelsa
0020P	lasiocarpa	0050Q	farnesiana
0020Q	lowiana	0050R	fistula
0020R	magnifica	0050S	georginae
0020S	mariesii	0050T	gerardii
0020T	mayriana	0050U	glauca
0020U	nebrodensis	0050V	harpophylla
0020V	nephrolepis	0050W	hebecladoides
0020W	nobilis	0050X	heterocantha
0020X	nordmanniana	0050Y	hockii
0020Y	pectinata	0050Z	horrida
0020Z	pindrow	00510	intertexta
00210	pinsapo	00511	intsia
00211	procera	00512	irrorata
00212	recurvata	00513	karroo
00213	religiosa	00514	koa
00214	sachalinensis	00515	lahai
00215	sibirica	00516	lemmonii
00216	spectabilis	00517	leucophloea
00217	veitchii	00518	leucospira
00218	vilmorinii	00519	litakunensis
00300	Abroma	0051A	longifolia
00400	Abrus	0051B	mearnsii
		0051C	melanoxylon
		0051D	mellifera
		0051E	millefolia

0051F	modesta	0090K	mandshuricum
0051G	mollissima	0090L	marsicum
0051H	moniliformis	0090M	mayrii
0051J	nigrescens	0090N	miyabei
0051K	nilotica	0090P	mono
0051L	nubica	0090Q	monspessulanum
0051M	oswaldii	0090R	negundo
0051N	parvipinnula	0090S	nigrum
0051P	pendula	0090T	oblongum
0051Q	pennata	0090U	obtusatum
0051R	penninervis	0090V	obtusifolium
0051S	pubescens	0090W	opalus
0051T	pycnantha	0090X	opulifolium
0051U	raddiana	0090Y	palmatum
0051V	rehmanniana	0090Z	pennsylvanicum
0051W	saligna	00910	pictum
0051X	senegal	00911	platanoides
0051Y	seyal	00912	pseudoheldreichii
0051Z	sieberiana	00913	pseudoplatanus
00520	spirorbis	00914	pseudosieboldianum
00521	subalata	00915	rubrum
00522	sundra	00916	rufinerve
00523	tortilis	00917	saccharinum
00524	trachyphloia	00918	saccharum
00525	villosa	00919	spicatum
00526	willardiana	0091A	stevenii
00527	xanthophloea	0091B	tataricum
00528	zanzibarica	0091C	tegmentosum
		0091D	trifidum
		0091E	velutinum
00600	Acalypha		
00700	Acanthinophyllum	00A00	Achras
00800	Acanthus	00B00	Acioa
00900	Acer	00C00	Ackama
00901	acokanthera	00D00	Acmena
00902	acuminatilobum	00E00	Acmopyle
00903	barbinerve	00F00	Acradenia
00904	buergerianum	00G00	Acrocomia
00905	campestre	00H00	Acronychia
00906	cappadocicum	00J00	Actinodaphne
00907	carolinianum	00K00	Actinostrobus
00908	cinerascens	00M00	Adansonia
00909	circinatum	00N00	Adenanthera
0090A	ginnala		
0090B	griseum		
0090C	grosseri		
0090D	heldreichii		
0090E	henreyi		
0090F	hyrcanum		
0090G	insigne		
0090H	laetum		
0090J	macrophyllum		

00P00	Adenium	0170A	moorei
		0170B	obtusa
00Q00	Adenophora	0170C	palmerstonii
		0170D	philippinensis
00R00	Adenostoma	0170E	robusta
		0170F	vitiensis
00S00	Adina		
00T00	Adinandra	01800	Aglaia
00U00	Aegialitis	01900	Agriophyllum
00V00	Aegiceras	01A00	Agrostistachys
00V01	corniculatum	01B00	Aidia
00V02	majus		
00W00	Aegle	01C00	Ailanthus
		01C01	altissima
		01C02	excelsa
00X00	Aesandra	01C03	grandis
		01C04	malabarica
00Y00	Aeschynomene	01D00	Aiouea
00Z00	Aesculus	01E00	Aistopetalum
00Z01	californica		
00Z02	glabra	01F00	Alangium
00Z03	hippocastanum		
00Z04	indica	01G00	Albizia
00Z05	octandra	01G01	acle
00Z06	turbinata	01G02	adanthifolia
01000	Aextoxicon	01G03	amara
01100	Afraegle	01G04	antunesiana
01200	Afrardisia	01G05	caribaea
01300	Afrocrania	01G06	chinensis
01400	Afrormosia	01G07	coriaria
		01G08	distachya
		01G09	falcata
		01GOA	ferruginea
		01GOB	glabberima
		01GOC	grandibracteata
01500	Afrostyrax	01GOD	gummifera
		01GOE	isenbergiana
01600	Afzelia	01GOF	julibrissin
		01GOG	lebbek
01700	Agathis	01GOH	lophantha
01701	alba	01GOJ	lucida
01702	australis	01GOK	molluccana
01703	borneensis	01GOL	odoratissima
01704	brownii	01GOM	procera
01705	cunninghamii	01GON	schimperiana
01706	labillardieri	01GOP	stipulata
01707	lanceolata	01GOQ	sumatrana
01708	loranthifolia	01GOR	tanganyicensis
01709	macrophylla	01GOS	zygia

01H00	Alchornea	01U01	macrophylla
		01U02	scholaris
01J00	Aleurites	01V00	Altingia
01J01	fordii		
01J02	molluccana		
01J03	montana	01W00	Amanoa
01K00	Alfaroa	01X00	Ambelania
01L00	Allanblackia	01Y00	Amblygonocarpus
01M00	Allophylus	01Z00	Amelanchier
01N00	Alniphyllum	01Z01	alnifolia
		01Z02	canadensis
01P00	Alnus	01Z03	laevis
01P01	alnifolia	01Z04	utahensis
01P02	barbata	02000	Amelasorbus
01P03	cordata	02100	Amherstia
01P04	crispa	02200	Ammodendron
01P05	firma	02300	Amomyrtus
01P06	fruticosa	02400	Amoora
01P07	glutinosa	02500	Amorpha
01P08	hirsuta	02600	Ampelopsis
01P09	incana	02700	Amyema
01POA	inokumai	02800	Amygdalus
01POB	japonica	02900	Amyris
01POC	jurullensis	02A00	Anacardium
01POD	koenei	02B00	Andira
01POE	macrophyllum	02C00	Androcalymma
01POF	maximowiczii	02D00	Androstachys
01POG	mayrii	02E00	Aneulophus
01POH	multinervis	02F00	Angophora
01POJ	nepalensis	02G00	Aniba
01POK	nitida	02H00	Aningeria
01POL	pendula		
01POM	rubra		
01PON	rugosa		
01POP	sieboldiana		
01POQ	sinuata		
01POR	tenuifolia		
01POS	tinctoria		
01POT	viridis		
01Q00	Aloysia		
01R00	Alphitonia		
01S00	Alphonsea		
01T00	Alseodaphne		
01U00	Alstonia		

02J00	Anisophyllea	03700	Archontophoenix
02K00	Anisoptera	03800	Ardisia
02L00	Anisopteroxylon	03900	Areca
02M00	Annamocarya	03A00	Arenga
02N00	Annona	03B00	Argania
02P00	Anodendron	03C00	Argyrodendron
02Q00	Anogeissus	03D00	Aristolochia
02R00	Anonidium	03E00	Aristotelia
02S00	Anthocephalus	03F00	Artabotrys
02T00	Anthocleista	03G00	Artemisia
02U00	Antiaropsis	03H00	Artocarpus
02V00	Antiarus	03J00	Arundinaria
02W00	Antidesma	03K00	Arundo
02X00	Antrocaryon	03L00	Asimina
02Y00	Aphananthe	03M00	Aspidosperma
02Z00	Aphanomyxis	03M01	album
03000	Aplopappus	03M02	australe
03100	Apodytes	03M03	chakensis
03200	Apollonias	03M04	cylindrocarpon
03300	Aquillaria	03M05	olivaceum
03400	Arachnodes	03M06	polyneuron
03500	Araucaria	03M07	pyrifolium
03501	angustifolia	03M08	quebracho-blanco
03502	araucana	03M09	refractum
03503	bidwillii	03MOA	tomentosum
03504	cunninghamii	03MOB	vargasii
03505	excelsa	03N00	Astrocaryum
03506	klinkii	03P00	Astronium
03600	Arbutus	03Q00	Atalaya
03601	andrachne	03R00	Atherosperma
03602	menziesii	03S00	Athrotaxis
03603	unedo	03T00	Atraphaxis
		03U00	Atriplex

03V00	Attalea	04HOA	nutans
		04HOB	oldhamii
03W00	Aucoumea	04HOC	pervariabilis
		04HOD	polymorpha
03X00	Aucuba	04HOE	quadrangularis
		04HOF	spinosa
03Y00	Aulacocalyx	04HOG	stenostachya
		04HOH	textilis
03Z00	Aulandra	04HOJ	tulda
		04HOK	tuldoides
04000	Austrocedrus	04HOL	ventricosa
		04HOM	vulgaris
04100	Austrogambeya		
04200	Austromimusops	04J00	Banksia
		04K00	Barringtonia
04300	Autranella	04L00	Bassia
04400	Averrhoa	04M00	Batis
04500	Avicennia	04N00	Bauhinia
04600	Azadirachta	04P00	Beaumontia
04700	Baccaurea	04Q00	Beilschmiedia
04800	Backhousia	04R00	Bequaertiodendron
04900	Bactris	04S00	Berlinia
04A00	Bacularia	04T00	Bernardia
04B00	Baikiaea	04U00	Bernoullia
04C00	Baillonella	04V00	Berrya
04D00	Balanites	04W00	Bersama
04E00	Balanocarpus	04X00	Bertholletia
04F00	Balanops	04Y00	Betula
04G00	Balfourodendron	04Y01	alba
		04Y02	alleghaniensis
04H00	Bambusa	04Y03	andreji
04H01	arundinacea	04Y04	atrata
04H02	befaria	04Y05	baicalensis
04H03	blumeana	04Y06	carpatica
04H04	dissimulator	04Y07	chinensis
04H05	dolichoclada	04Y08	cordifolia
04H06	malingensis	04Y09	costata
04H07	multiplex	04Y0A	dahurica
04H08	nana	04Y0B	ermanii
04H09	nipponica		

04YOC	<i>glandulosa</i>	05400	<i>Boivinella</i>
04YOD	<i>gmelinii</i>		
04YOE	<i>grossa</i>	05500	<i>Bombacopsis</i>
04YOF	<i>henriettae</i>		
04YOG	<i>jacutica</i>	05600	<i>Bombax</i>
04YOH	<i>japonica</i>		
04YOJ	<i>kusmisscheffii</i>	05700	<i>Bontia</i>
04YOK	<i>lenta</i>		
04YOL	<i>litwinowii</i>	05800	<i>Borassus</i>
04YOM	<i>luminifera</i>		
04YON	<i>lutea</i>	05900	<i>Borneodendron</i>
04YOP	<i>mandshurica</i>		
04YOQ	<i>maximowicziana</i>	05A00	<i>Boschia</i>
04YOR	<i>middendorffii</i>		
04YOS	<i>mongolica</i>	05B00	<i>Boscia</i>
04YOT	<i>montana</i>		
04YOU	<i>nana</i>	05C00	<i>Bosqueia</i>
04YOV	<i>nigra</i>		
04YOW	<i>nikoensis</i>	05D00	<i>Bossiaea</i>
04YOX	<i>obscura</i>		
04YOY	<i>oycoviensis</i>	05E00	<i>Boswellia</i>
04YOZ	<i>papyrifera</i>		
04Y10	<i>pendula</i>	05F00	<i>Botryophora</i>
04Y11	<i>platyphylla</i>		
04Y12	<i>populifolia</i>	05G00	<i>Bowdichia</i>
04Y13	<i>prochorowii</i>		
04Y14	<i>pseudomiddendorffii</i>	05H00	<i>Brachychiton</i>
04Y15	<i>pseudopendula</i>		
04Y16	<i>pubescens</i>	05J00	<i>Brachylaena</i>
04Y17	<i>pumila</i>		
04Y18	<i>reznitzen coana</i>	05K00	<i>Brachystegia</i>
04Y19	<i>sajanensis</i>		
04Y1A	<i>sandbergii</i>	05L00	<i>Brasilettia</i>
04Y1B	<i>schmidtii</i>		
04Y1C	<i>subcordata</i>	05M00	<i>Brassaia</i>
04Y1D	<i>tauschii</i>		
04Y1E	<i>tortuosa</i>	05N00	<i>Brenania</i>
04Y1F	<i>transbaicalensis</i>		
04Y1G	<i>uralensis</i>	05P00	<i>Bridelia</i>
04Y1H	<i>utilis</i>		
04Y1J	<i>verrucosa</i>	05Q00	<i>Brosimum</i>
04Y1K	<i>vladimirii</i>		
		05R00	<i>Broussonetia</i>
04Z00	<i>Bhesa</i>		
05000	<i>Biota</i>	05S00	<i>Brownlowea</i>
		05T00	<i>Brucea</i>
05100	<i>Bischofia</i>		
		05U00	<i>Bruguiera</i>
05200	<i>Bixa</i>		
		05V00	<i>Buchanania</i>
05300	<i>Blighia</i>		
		05W00	<i>Bucida</i>

05X00	Bucklandia	06Q00	Calycanthus
05Y00	Bulnesia	06R00	Calycomis
05Z00	Bumelia	06S00	Calycophyllum
06000	Burkea	06T00	Calycotome
06100	Burretiodendron	06U00	Campnosperma
06200	Bursera	06V00	Campomanesia
06300	Burttdavya	06W00	Campsis
06400	Butea	06X00	Camptostemon
06500	Butryospermum	06Y00	Camptotheca
06600	Buxus	06Z00	Cananga
06700	Byrsanthus	07000	Canangium
06800	Byrsonima	07100	Canarium
06900	Cabralea	07200	Canella
06A00	Cadaba	07300	Capparis
06B00	Caesalpinia	07400	Capsicodendron
06C00	Cajanus	07500	Capurodendron
06D00	Calamus	07600	Capuronianthus
06E00	Caledocaryia	07700	Caragana
06F00	Calliandra	07800	Carallia
06G00	Callicarpa	07900	Caramuri
06H00	Callichelia	07A00	Carapa
06J00	Callitris	07B00	Cardiospermum
06K00	Callitropsis	07C00	Cardwellia
06L00	Calluna	07D00	Carissa
06M00	Calophyllum	07E00	Carludovica
06N00	Calotropis	07F00	Carpinus
06P00	Calpocalyx	07F01	betulus
		07F02	caroliniana



07FO3	caucasica	07R00	Castanea
07FO4	orientalis	07R01	alnifolia
07FO5	tschonoskii	07R02	ashei
07G00	Carpodetus	07R03	crenata
07H00	Carya	07R04	dentata
07H01	aquatica	07R05	henryi
07H02	cathayensis	07R06	japonica
07H03	cordiformis	07R07	latifolia
07H04	glabra	07R08	mollissima
07H05	illinoensis	07R09	ozarkensis
07H06	laciniosa	07ROA	pubinervis
07H07	olivaeformis	07ROB	pumila
07H08	ovalis	07ROC	sativa
07H09	ovata	07ROD	sequinii
07HOA	palmeri	07ROE	serrata
07HOB	poilanei	07S00	Castanopsis
07HOC	sinensis	07S01	amabilis
07HOD	texana	07S02	bejaudii
07HOE	tomentosa	07S03	carlesii
07HOF	tonkinensis	07S04	chrysophylla
07HOG	villosa	07S05	chunii
07J00	Caryodaphnopsis	07S06	cuspidata
07K00	Caryota	07S07	echidnocarpa
07L00	Casearia	07S08	eyrei
07M00	Casimiroa	07S09	formosana
07N00	Cassia	07SOA	hystrix
07N01	alata	07SOB	incana
07N02	aristellata	07SOC	longipes
07N03	auriculata	07SOD	metongensis
07N04	bicapsularis	07SOE	rockii
07N05	calycioides	07SOF	sclerophylla
07N06	fistula	07SOG	seminuda
07N07	glauca	07SOH	sempervirens
07N08	javanica	07SOJ	thunbergii
07N09	marginata	07SOK	torulosa
07NOA	nodosa	07SOL	touranensis
07NOB	obtusifolia	07SOM	tribuloides
07NOC	occidentalis	07T00	Castanospermum
07NOD	siamea	07U00	Castela
07NOE	sophora	07V00	Castilloa
07NOF	spectabilis	07W00	Casuarina
07NOG	timoriensis	07W01	campestris
07P00	Cassipourea	07W02	cristata
07Q00	Cassytha	07W03	cunninghamiana
		07W04	decaisneana
		07W05	distyla
		07W06	equisetifolia
		07W07	fraseriana

07W08	heterodendron	08802	australis
07W09	junghuhniana	08803	brieyi
07W0A	lepidophloia	08804	caucasica
07W0B	littoralis	08805	kraussiana
07W0C	luehmannii	08806	kunmingensis
07W0D	quadrivalvis	08807	laevigata
07W0E	stricta	08808	mildbraedia
07W0F	suberosa	08809	occidentalis
		0880A	pallida
07X00	Catalpa	0880B	pubescens
07X01	bignonioides	0880C	sinensis
07X02	speciosa	0880D	soyauxii
		0880E	zenkeri
07Y00	Cathaya		
07Z00	Cathormion	08900	Centrolobium
08000	Catostemma	08A00	Centrosema
08100	Cavanillesia	08B00	Cephalanthus
08200	Ceanothus	08C00	Cephalomappa
08300	Cecropia	08D00	Cephalosphaera
08400	Cedrela	08E00	Cephalostachyum
08401	angustifolia	08F00	Cephalotaxus
08402	australis		
08403	balansae	08G00	Ceratonia
08404	chinensis		
08405	fissilis	08H00	Ceratopetalum
08406	huberi		
08407	lilloi	08J00	Cercidium
08408	mexicana		
08409	montana	08K00	Cercidophyllum
0840A	oaxacensis		
0840B	odorata	08L00	Cercis
0840C	toona		
0840D	tubiflora	08M00	Ceriops
0840E	weberbaueri	08N00	Ceroxylon
08500	Cedrelopsis		
08600	Cedrus	08P00	Chamaecyparis
08601	atlantica	08P01	formosensis
08602	brevifolia	08P02	lawsoniana
08603	deodara	08P03	nootkatensis
08604	libani	08P04	obtusa
08605	penhallowii	08P05	pisifera
		08P06	taiwanensis
		08P07	thyoides
08700	Ceiba		
08800	Celtis	08Q00	Chamaerops
08801	adolphi-frederici	08R00	Chickrassia

08S00	Chilopsis	09F00	Citrus
08T00	Chlamydocola	09G00	Cladrastis
08U00	Chlorophora	09H00	Clarisia
08V00	Chloroxylon	09J00	Cleidion
08W00	Choisya	09K00	Cleistanthus
08X00	Chondrostylis	09L00	Cleistocalyx
08Y00	Choricarpia	09M00	Cleistophilus
08Z00	Choriceras	09N00	Cleome
09000	Chosenia	09P00	Clerodendron
09100	Chrysoclamys	09Q00	Clethra
09200	Chrysophyllum	09R00	Clitoria
09300	Chrysothamnus	09S00	Clusia
09400	Chusquea	09T00	Cnidosculus
09500	Cibotium	09U00	Coccoloba
09600	Cicca	09V00	Cochlospermum
09700	Cinchona	09W00	Cocos
09800	Cinnamodendron	09W01	butyraecea
		09W02	nucifera
09900	Cinnamomum	09X00	Codonocarpus
09901	camphora	09Y00	Coelodepas
09902	culilawan	09Z00	Coelospermum
09903	glanduliferum	10000	Coelostegia
09904	iners	10100	Coffea
09905	laubatii	10200	Cola
09906	tamala	10300	Colophospermum
09907	tetragonum	10400	Colubrina
09908	zeylanicum	10500	Columellia
09A00	Cinnamosma	10600	Colutea
09B00	Cissus		
09C00	Cistanthera		
09D00	Cistus		
09E00	Citharexylum		

997 all  
111  
dennis

10700	Combretodendron	10S01	americana
		10S02	avellana
10800	Combretum	10S03	columna
		10S04	cornuta
10900	Commiphora	10S05	heterophylla
		10S06	maxima
10A00	Condalia	10T00	Corynocarpus
10B00	Connarus	10U00	Corypha
10C00	Conocarpus	10V00	Cotinus
10D00	Copaifera	10W00	Cotoneaster
10E00	Copernicia	10X00	Cotylelobium
10F00	Coprosma	10Y00	Couma
10G00	Cordalia	10Z00	Coumarouna
10H00	Cordia	11000	Craibia
10J00	Cordyla	11100	Crataegus
10K00	Cordyline	11200	Craterispermum
10L00	Coriaria	11300	Cratoxylon
10M00	Cornus	11400	Croton
10M01	alternifolia	11500	Cryptocarya
10M02	ammomum	11600	Cryptomeria
10M03	controversa	11700	Cryptosepalum
10M04	drummondii	11800	Cudrania
10M05	florida	11900	Cullenia
10M06	foemina	11A00	Cunninghamia
10M07	kousa	11B00	Cupheanthus
10M08	mas	11C00	Cupressus
10M09	microcarpa	11C01	abramsiana
10M0A	nuttallii	11C02	arizonica
10M0B	obliqua	11C03	benthamii
10M0C	paniculata	11C04	dupreziana
10M0D	racemosa	11C05	funnebris
10M0E	sanguinea	11C06	goveniana
10M0F	stolonifera	11C07	lambertiana
		11C08	lindleyi
10N00	Cornutia		
10P00	Corokia		
10Q00	Coryanthe		
10R00	Corylopsis		
10S00	Corylus		

11C09	lusitanica	11X05	meloxylon
11COA	macnabiana	11X06	nigra
11COB	macrocarpa	11X07	oliveri
11COC	pygmaea	11X08	sissoo
11COD	sempervirens	11X09	tucurensis
11COE	torulosa		
11D00	Curatella	11Y00	Daniella
11E00	Curcas	11Z00	Danthonia
11F00	Cussonia	12000	Daphnandra
11G00	Cyathocalyx	12100	Daphne
11H00	Cybistax	12200	Daphnimorpha
11J00	Cycas	12300	Daphnopsis
11K00	Cyclobalanops	12400	Dasymaschalon
11L00	Cylicodiscus	12500	Davidia
11M00	Cylicomorpha	12600	Decarydendron
11N00	Cylindrokelupha	12700	Decorsella
11P00	Cynometra	12800	Deeringothamnus
11Q00	Cyrilla	12900	Dehaasia
11R00	Cyriilopsis	12A00	Deinbollia
11S00	Cytisus	12B00	Delonix
11T00	Dacrydium	12C00	Dendrocalamus
11T01	biforme	12D00	Desbordesia
11T02	cupressinum	12E00	Desmos
11T03	elatum	12F00	Detarium
11T04	funkii	12G00	Deutzia
11T05	laxifolium	12H00	Deutzianthus
11T06	taxoides	12J00	Dialium
11U00	Dacryodes	12K00	Dialyanthera
11V00	Dactylocladus	12L00	Dialyceras
11W00	Daemonorops	12M00	Dibelotia
11X00	Dalbergia		
11X01	albergia		
11X02	cochinchinensis		
11X03	cultrata		
11X04	latifolia		

12N00	Dichapetalum	13700	Dipterocarpus
		13701	alatus
12P00	Dichopsis	13702	caudiferus
		13703	costatus
12Q00	Dicorynia	13704	dyeri
		13705	exalatus
12R00	Dicrostachys	13706	gracilis
		13707	grandiflorus
12S00	Dictyolama	13708	grandifolius
		13709	indicus
12T00	Dicymbe	1370A	kerrii
		1370B	macrocarpus
12U00	Didymopanax	1370C	oblongifolius
		1370D	pilosus
12V00	Diervilla	1370E	sarawakensis
		1370F	stellatus
12W00	Dillenia	1370G	turbinatus
		1370H	verrucosus
12X00	Dimorphandra	1370J	warburgii
12Y00	Dinizia	13800	Dipteronia
12Z00	Diospyros	13900	Dipteryx
12Z01	abyssinica		
12Z02	celebica	13A00	Dipyrena
12Z03	digyna		
12Z04	ebenaster	13B00	Dirca
12Z05	ebenum		
12Z06	inhacaensis	13C00	Discaria
12Z07	kaki		
12Z08	lotus	13D00	Discoglyprena
12Z09	melanoxydon		
12Z0A	mespiliformis	13E00	Dissiliaria
12Z0B	mindanensis		
12Z0C	montana	13F00	Distemonanthus
12Z0D	nitida		
12Z0E	revoluta	13G00	Distylium
12Z0F	taxanus		
12Z0G	virginiana	13H00	Dodonaea
13000	Diphasiopsis	13J00	Dolichandrone
13100	Dipholis	13K00	Dombeya
13200	Diplodiscus	13L00	Doona
13300	Diploknema	13M00	Doryphora
13400	Diplomorpha	13N00	Dracaena
13500	Diplorrhyncus	13P00	Dracontomelon
13600	Diploporis	13Q00	Dracophyllum

13R00	Drimys	14J00	Endiandra
13S00	Dryobalanops	14K00	Endlicheria
13T00	Drypetes	14L00	Endospermum
13U00	Duboisia	14M00	Engelhardtia
13V00	Ducampopinus	14N00	Enicosanthum
13W00	Dumoria	14P00	Enkianthus
13X00	Durio	14Q00	Enneastemon
13Y00	Dyera	14R00	Entada
13Z00	Dysoxylum	14S00	Entandrophragma
14000	Eberhardtia	14T00	Entelea
14100	Edgeworthia	14U00	Enterolobium
14200	Eglerodendron	14V00	Eperua
14300	Ehretia	14W00	Ephedra
14400	Ekebergia	14X00	Erechthites
14500	Elaeis	14Y00	Eremocitrus
14600	Elaeocarpus	14Z00	Eremophila
14700	Elattostachys	15000	Erica
14800	Eleagnus	15100	Eriobotrya
14900	Elephantorrhiza	15200	Eriocoelum
14A00	Elizabetha	15300	Eriodendron
14B00	Elliotia	15400	Ervatamia
14C00	Elmerillia	15500	Erythea
14D00	Elytranthe	15600	Erythrina
14E00	Embelia	15700	Erythrophleum
14F00	Embllica	15800	Erythrophysa
14G00	Emmenospermum	15900	Erythroxyllum
14H00	Enantia	15A00	Eschweilia

15B00	<i>Eucalyptus</i>	15K00	<i>Euphoria</i>
15B01	<i>alba</i>	15L00	<i>Euptelea</i>
15B02	<i>astringens</i>	15M00	<i>Eurya</i>
15B03	<i>botryoides</i>	15N00	<i>Eurycoma</i>
15B04	<i>brockwayi</i>	15P00	<i>Eusideroxylon</i>
15B05	<i>calophylla</i>	15Q00	<i>Euterpe</i>
15B06	<i>cinerea</i>	15R00	<i>Evodia</i>
15B07	<i>citriodora</i>	15S00	<i>Excoecaria</i>
15B08	<i>deglupta</i>	15T00	<i>Exocarpus</i>
15B09	<i>diversicolor</i>	15U00	<i>Exostemma</i>
15BOA	<i>dives</i>	15V00	<i>Fagara</i>
15BOB	<i>elaeophora</i>	15W00	<i>Fagaropsis</i>
15BOC	<i>gigantea</i>	15X00	<i>Fagraea</i>
15BOD	<i>globulus</i>	15Y00	<i>Fagus</i>
15BOE	<i>gomphocephalum</i>	15Y01	<i>crenata</i>
15BOF	<i>grandis</i>	15Y02	<i>engleriana</i>
15BOG	<i>leucoxylon</i>	15Y03	<i>grandifolia</i>
15BOH	<i>maculata</i>	15Y04	<i>japonica</i>
15BOJ	<i>maidenii</i>	15Y05	<i>moesiaca</i>
15BOK	<i>marginata</i>	15Y06	<i>orientalis</i>
15BOL	<i>microcorys</i>	15Y07	<i>sylvatica</i>
15BOM	<i>obliqua</i>	15Y08	<i>taurica</i>
15BON	<i>occidentalis</i>	15Z00	<i>Fancherea</i>
15BOP	<i>paniculata</i>	16000	<i>Ficalhoa</i>
15BOQ	<i>pilularis</i>	16100	<i>Ficus</i>
15BOR	<i>polyanthemos</i>	16200	<i>Filicium</i>
15BOS	<i>punctata</i>	16300	<i>Fillaeopsis</i>
15BOT	<i>regnans</i>	16400	<i>Firmiana</i>
15BOU	<i>resinifera</i>	16500	<i>Fitzroya</i>
15BOV	<i>robusta</i>	16600	<i>Flemingia</i>
15BOW	<i>rostrata</i>	16700	<i>Flindersia</i>
15BOX	<i>saligna</i>		
15BOY	<i>sideroxylon</i>		
15BOZ	<i>sieberiana</i>		
15B10	<i>tereticornis</i>		
15B11	<i>torquata</i>		
15B12	<i>trabutii</i>		
15B13	<i>viminalis</i>		
15B14	<i>wandoo</i>		
15C00	<i>Euclea</i>		
15D00	<i>Eucommia</i>		
15E00	<i>Eucryphia</i>		
15F00	<i>Eugeissona</i>		
15G00	<i>Eugenia</i>		
15H00	<i>Euonymus</i>		
15J00	<i>Euphorbia</i>		



16800	Flourensia	16Q00	Garcinia
16900	Fokienia	16R00	Gardenia
16A00	Forchhammeria	16S00	Garrya
16B00	Fortunearia	16T00	Garuga
16C00	Fothergilla	16U00	Gatnaia
16D00	Fouquieria	16V00	Geissois
16E00	Fraxinus	16W00	Geissospermum
16E01	americana	16X00	Gelonium
16E02	angustifolia	16Y00	Geniostoma
16E03	aurea	16Z00	Genista
16E04	chinensis	17000	Gigantochloa
16E05	commemorialis	17100	Gilbertiodendron
16E06	coriariifolia	17200	Gillbeea
16E07	excelsior	17300	Gillettia
16E08	latifolia	17400	Ginkgo
16E09	longicuspis	17500	Gironniera
16EOA	mandshurica	17600	Gleditsia
16EOB	nigra	17700	Gliricidia
16EOC	ornus	17800	Glochidion
16EOD	oxycarpa	17900	Gluta
16EOE	pennsylvanica	17A00	Glycosmis
16EOF	potamophila	17B00	Glyptostrobus
16EOG	profunda	17C00	Gmelina
16EOH	pubinervis	17D00	Gnetum
16EOJ	quadrangulata	17E00	Gomortega
16EOK	spaethiana	17F00	Gongronema
16EOL	uhdei	17G00	Gonioma
16EOM	velutina		
16EON	verecunda		
16F00	Freycinetia		
16G00	Fuchsia		
16H00	Funtumia		
16J00	Gabunia		
16K00	Gaertera		
16L00	Galbulimina		
16M00	Galearia		
16N00	Ganophyllum		
16P00	Ganua		

17H00	Goniothalamus	18A00	Halfordia
17J00	Gonolobus	18B00	Halimodendron
17K00	Gonystylus	18C00	Halogeton
17L00	Gordonia	18D00	Haloxyton
17M00	Gossampinus	18E00	Hamamelis
17N00	Gossweilerodendron	18F00	Hannoa
17P00	Gossypiospermum	18G00	Haplocoelum
17Q00	Goupia	18H00	Haplolobus
17R00	Grevillea	18J00	Haplorhus
17S00	Grewia	18K00	Haplormosia
17T00	Griselinia	18L00	Hardwickia
17U00	Grossera	18M00	Harrisonia
17V00	Guadua	18N00	Harungana
17W00	Guarea	18P00	Hasseltia
17X00	Guatteria	18Q00	Hedycarya
17Y00	Guevina	18R00	Hedycaryopsis
17Z00	Guiacum	18S00	Hedyscepe
18000	Guibourtia	18T00	Heimodendron
18100	Gymnocladus	18U00	Helicia
18200	Gymnocranthera	18V00	Heliocarpus
18300	Gymnosporia	18W00	Helwingia
18400	Gynoxis	18X00	Hemicyclia
18500	Gyrocarpus	18Y00	Heritiera
18600	Haemotoxylon	18Z00	Hernandia
18700	Hagenia	19000	Herrania
18800	Hakea	19100	Heterophragma
18900	Halesia	19200	Hevea

19300	Hexalobus	19W00	Ilex
19400	Heyderia	19W01	aquifolium
19500	Heynea	19W02	canariensis
19600	Hibbertia	19W03	coriacea
19700	Hibiscus	19W04	cornuta
19800	Hildegardia	19W05	crenata
19900	Himantandra	19W06	glabra
19A00	Hippophae	19W07	integra
19B00	Hodgkinsonia	19W08	opaca
19C00	Hoheria	19W09	pedunculosa
19D00	Holarhena	19W0A	purpurea
19E00	Holoptelea	19W0B	verticillata
19F00	Homalium	19W0C	vomitoria
19G00	Hopea	19X00	Illicium
19H00	Hortia	19Y00	Illigera
19J00	Hovenia	19Z00	Indigofera
19K00	Howea	20000	Inga
19L00	Hugonia	20100	Inhambanella
19M00	Hullettia	20200	Intsia
19N00	Humbertia	20300	Irvingia
19P00	Hunteria	20400	Iryanthera
19Q00	Hura	20500	Isoberlinia
19R00	Hydrangea	20600	Isolona
19S00	Hymenaea	20700	Iteodaphne
19T00	Hymenanchera	20800	Ivodea
19U00	Hymenodictyon	20900	Ixora
19V00	Hyphaene	20A00	Jacaranda
		20B00	Jatropha
		20C00	Jubaea
		20D00	Juglans
		20D01	australis
		20D02	cinerea
		20D03	cordiformis
		20D04	mandshurica
		20D05	nigra
		20D06	regia

20D07	rupestris	20L00	Kayea
20D08	sieboldiana		
20D09	soratensis	20M00	Keayodendron
20E00	Julbernardia	20N00	Keteleeria
20F00	Juniperus	20P00	Khaya
20F01	ashei	20P01	anthotheca
20F02	barbadensis	20P02	grandifoliola
20F03	bermudiana	20P03	ivorensis
20F04	californica	20P04	klaineana
20F05	cedrus	20P05	nyasica
20F06	chinensis	20P06	senegalensis
20F07	communis		
20F08	conferta	20Q00	Kielmeyera
20F09	coxii		
20FOA	dahurica	20R00	Kigelia
20FOB	depeana		
20FOC	excelsa	20S00	Klainedoxa
20FOD	foetidissima		
20FOE	horizontalis	20T00	Knema
20FOF	macrocarpa		
20FOG	macropoda	20U00	Knightia
20FOH	monosperma		
20FOJ	nana	20V00	Kochia
20FOK	oblonga		
20FOL	occidentalis	20W00	Koelruthia
20FOM	osteosperma		
20FON	oxycedrus	20X00	Koilodepas
20FOP	phoenicia		
20FOQ	pinchotii	20Y00	Koompassia
20FOR	procera		
20FOS	pseudosabina	20Z00	Koordersiodendron
20FOT	recurva		
20FOU	rigida	30000	Kopsia
20FOV	sabina		
20FW	scopulorum	30100	Kunsterodendron
20FOX	semiglobosa		
20FOY	seravschanica	30200	Kydia
20FOZ	siberica		
20F10	silicicola	30300	Lagerstroemia
20F11	sinensis		
20F12	talassica	30400	Laguncularia
20F13	thurifera		
20F14	turkestanica	30500	Lannea
20F15	virginiana		
		30600	Lansium
20G00	Kadsura		
		30700	Lantana
20H00	Kalmia		
		30800	Laplacea
20J00	Kalopanax		
		30900	Laportea
20K00	Kandelia		

30A00	<i>Larix</i>	30V00	<i>Licaria</i>
30A01	<i>czekanowskii</i>	30W00	<i>Ligustrum</i>
30A02	<i>dahurica</i>	30X00	<i>Lindera</i>
30A03	<i>decidua</i>	30Y00	<i>Lingnania</i>
30A04	<i>eurolepis</i>	30Z00	<i>Linostoma</i>
30A05	<i>gmelinii</i>	31000	<i>Lippia</i>
30A06	<i>kaempferi</i>	31100	<i>Liquidambar</i>
30A07	<i>kurilensis</i>	31101	<i>formosana</i>
30A08	<i>laricina</i>	31102	<i>orientalis</i>
30A09	<i>leptolepis</i>	31103	<i>styraciflua</i>
30A0A	<i>lyalli</i>	31200	<i>Liriodendron</i>
30A0B	<i>occidentalis</i>	31201	<i>chinense</i>
30A0C	<i>olgensis</i>	31202	<i>tulipifera</i>
30A0D	<i>polonica</i>	31300	<i>Litchi</i>
30A0E	<i>principis-rupprechtii</i>	31400	<i>Lithocarpus</i>
30A0F	<i>sibirica</i>	31500	<i>Lithraea</i>
30A0G	<i>sukaczewii</i>	31600	<i>Litsea</i>
30B00	<i>Larrea</i>	31700	<i>Lodoicea</i>
30C00	<i>Latania</i>	31800	<i>Loerzingia</i>
30D00	<i>Laurelia</i>	31900	<i>Lonchocarpus</i>
30E00	<i>Laurus</i>	31A00	<i>Lophira</i>
30F00	<i>Lawsonia</i>	31B00	<i>Lophopetalum</i>
30G00	<i>Lecomptedoxa</i>	31C00	<i>Louteridium</i>
30H00	<i>Lecythis</i>	31D00	<i>Lovoa</i>
30J00	<i>Leitneria</i>	31E00	<i>Loxopterygium</i>
30K00	<i>Leleba</i>	31F00	<i>Lucuma</i>
30L00	<i>Lepidotrichilia</i>	31G00	<i>Luehea</i>
30M00	<i>Leptomeria</i>	31H00	<i>Lumnitzera</i>
30N00	<i>Leptospermum</i>	31J00	<i>Lunasia</i>
30P00	<i>Leucadendron</i>	31K00	<i>Luvunga</i>
30Q00	<i>Leucaena</i>		
30R00	<i>Leucophyllum</i>		
30S00	<i>Libidibia</i>		
30T00	<i>Libocedrus</i>		
30U00	<i>Librevillea</i>		

31L00	Lycium	32900	Malouetia
31M00	Lyonia	32A00	Malpighia
31N00	Lysiana	32B00	Malus
31P00	Lysiloma	32C00	Mammea
31Q00	Maackia	32D00	Mangifera
31R00	Maba	32E00	Manglietia
31S00	Macadamia	32F00	Manihot
31T00	Macaranga	32G00	Manilkara
31U00	Machaerium	32H00	Mansonia
31V00	Machilus	32J00	Maprounea
31W00	Maclura	32K00	Markhamia
31X00	Macrohasseltia	32L00	Marquesia
31Y00	Macrolobium	32M00	Martiodendron
31Z00	Madhuca	32N00	Mastichodendron
32000	Maerua	32P00	Matisia
32100	Maesa	32Q00	Maytenus
32200	Maesopsis	32R00	Medicosma
32300	Magnistipula	32S00	Medusandra
32400	Magnolia	32T00	Melaleuca
32401	acuminata	32U00	Melanophylla
32402	coco	32V00	Melanorrhoea
32403	fraseri	32W00	Melchiora
32404	grandiflora	32X00	Melia
32405	kachirachirai	32Y00	Melicope
32406	kobus	32Z00	Melicytus
32407	liliflora	33000	Meliosma
32408	obovata	33100	Melocanna
32409	virginiana		
32500	Mahonia		
32600	Malacantha		
32700	Mallotus		
32800	Malmea		

33200	Melochia	33V00	Monodora
33300	Memecylon	33W00	Monopetalanthus
33400	Merostachys	33X00	Monotes
33500	Mesua	33Y00	Mora
33600	Metasequoia	33Z00	Morinda
33700	Methysticodendron	34000	Moringa
33800	Metopium	34100	Moronobea
33900	Metrosideros	34200	Morus
33A00	Metroxylon	34201	alba
33B00	Mezilaurus	34202	bombycis
33C00	Mezzettia	34203	indica
33D00	Michelia	34204	lactea
33E00	Micrandra	34205	laevigata
33F00	Microbiota	34206	nigra
33G00	Microdesmis	34207	rubra
33H00	Microstemon	34300	Mozinna
33J00	Mida	34400	Muellerina
33K00	Mildbraedia	34500	Mulinum
33L00	Miliusa	34600	Mundulea
33M00	Millettia	34700	Muriea
33N00	Mimosa	34800	Murraya
33P00	Mimusops	34900	Musanga
33Q00	Mitragyna	34A00	Mussaenda
33R00	Mitrephora	34B00	Myceugenia
33S00	Moghania	34C00	Myoporum
33T00	Monocalyptus	34D00	Myrcia
33U00	Monocarpia	34E00	Myrianthus
		34F00	Myrica
		34G00	Myristica
		34H00	Myrocarpus

34J00	Myroxylon	35707	fusca
		35708	menziesii
34K00	Myrsine	35709	moorei
		3570A	nitida
34L00	Myrtus	3570B	obliqua
		3570C	procera
34M00	Naesia	3570D	pumilio
		3570E	solandri
34N00	Nannorhops	3570F	truncata
34P00	Naregamia	35800	Nothopanax
34Q00	Nastus	35900	Nothophoebe
34R00	Nauclea	35A00	Nothospondias
34S00	Nectandra	35B00	Notobuxus
34T00	Neesia	35C00	Nyctanthes
34U00	Neobeguea	35D00	Nyssa
		35D01	aquatica
34V00	Neoboutonia	35D02	biflora
		35D03	javanica
34W00	Neolitsea	35D04	ogeche
		35D05	sinensis
34X00	Neonauclea	35D06	sylvatica
		35D07	ursina
34Y00	Neosprucea	35E00	Ochlandra
34Z00	Neostenanthera	35F00	Ochrocarpus
35000	Nephelium	35G00	Ochroma
35100	Nerium	35H00	Ochrosia
35200	Nesogordonia	35J00	Ocimum
35300	Newtonia	35K00	Ocotea
35400	Nipa	35L00	Octomeles
35500	Northiopsis	35M00	Odina
35600	Nothaphoebe	35N00	Odyendia
35700	Nothofagus	35P00	Ogcodeia
35701	alpina		
35702	betuloides	35Q00	Olea
35703	cliffordioides		
35704	cunninghamii	35R00	Olearia
35705	dombeyi		
35706	fagus	35S00	Oligoceras



35T00	Olneya	36L00	Palmeira
35U00	Oncosperma	36M00	Panda
35V00	Ongokea	36N00	Pandanus
35W00	Ophrypetalum	36P00	Panopsis
35X00	Oreodoxa	36Q00	Papuacedrus
35Y00	Orixa	36R00	Papuodendron
35Z00	Ormosia	36S00	Paramachaerium
36000	Ortholobium	36T00	Paramicropholis
36100	Osmanthus	36U00	Parapentace
36200	Osteophloeum	36V00	Parartocarpus
36300	Ostodes	36W00	Parashorea
36400	Ostrya	36X00	Paravallaris
36500	Ostryopsis	36Y00	Parinari
36600	Ougeinia	36Z00	Parishia
36700	Ouratea	37000	Parkia
36800	Owenia	37100	Parkinsonia
36900	Oxydendrum	37200	Parottiopsis
36A00	Oxymitra	37300	Parrotia
36B00	Oxystigma	37400	Pasania
36C00	Oxytenanthera	37500	Paulonia
36D00	Oyedaea	37600	Pausinystalia
36E00	Pachira	37700	Payena
36F00	Pachistima	37800	Pelea
36G00	Pachylobus	37900	Peltogyne
36H00	Pajanelia	37A00	Peltophorum
36J00	Palaquium	37B00	Pemphis
36K00	Paliurus	37C00	Pentace

37D00	Pentaclethra	38500	Phyllostachys
		38501	aurea
37E00	Pentacme	38502	bambusoides
		38503	edulis
37F00	Pentadesma	38504	makinoi
		38505	meyeri
37G00	Pentaspadon	38506	nigra
		38507	pubescens
37H00	Pereskia	38508	quiloi
		38509	reticulata
37J00	Pericopsis	3850A	viride-glaucescens
37K00	Peridiscus	38600	Phyllostylon
37L00	Perriera	38700	Physocarpus
37M00	Persea	38800	Phytelephas
37M01	americana		
37M02	borbonica	38900	Phytolacca
37M03	indica		
37N00	Persoonia	38A00	Picea
		38A01	abies
37P00	Petitia	38A02	ajanensis
		38A03	asperata
37Q00	Petteria	38A04	balfouriana
		38A05	bicolor
37R00	Phaeanthus	38A06	brachytyla
		38A07	breweriana
37S00	Phebalium	38A08	engelmannii
		38A09	glauca
37T00	Phellodendron	38A0A	glehnii
		38A0B	jezoensis
37U00	Phillyrea	38A0C	koyamai
		38A0D	mariana
37V00	Phoebe	38A0E	maximowczii
		38A0F	mexicana
37W00	Phoenix	38A0G	montigena
		38A0H	morinda
37X00	Photinia	38A0J	obovata
		38A0K	omorika
37Y00	Phrygilanthus	38A0L	orientalis
		38A0M	polita
37Z00	Phyllica	38A0N	pungens
		38A0P	purpurea
38000	Phyllanthodendron	38A0Q	rubens
		38A0R	schrenkiana
38100	Phyllanthus	38A0S	sibirica
		38A0T	sitchensis
38200	Phyllarthron	38A0U	smithiana
		38A0V	spinulosa
38300	Phyllocarpus	38B00	Picralima
38400	Phyllocladus	38C00	Picrasma

38D00	<i>Pieris</i>	38G1E	<i>koraiensis</i>
38E00	<i>Pilgerodendron</i>	38G1F	<i>krempfii</i>
38F00	<i>Piliostigma</i>	38G1G	<i>kwantungensis</i>
38G00	<i>Pinus</i>	38G1H	<i>lambertiana</i>
38G01	<i>albicaulis</i>	38G1J	<i>laricio</i>
38G02	<i>amamiana</i>	38G1K	<i>leiophylla</i>
38G03	<i>aristata</i>	38G1L	<i>leucodermis</i>
38G04	<i>armandii</i>	38G1M	<i>longifolia</i>
38G05	<i>attenuata</i>	38G1N	<i>luchuensis</i>
38G06	<i>australis</i>	38G1P	<i>lumholtzii</i>
38G07	<i>ayacahuite</i>	38G1Q	<i>massoniana</i>
38G08	<i>banksiana</i>	38G1R	<i>merkusii</i>
38G09	<i>brutia</i>	38G1S	<i>michoacana</i>
38GOA	<i>bungeana</i>	38G1T	<i>monophylla</i>
38GOB	<i>canariensis</i>	38G1U	<i>montana</i>
38GOC	<i>caribaea</i>	38G1V	<i>montezumae</i>
38GOD	<i>cembra</i>	38G1W	<i>monticola</i>
38GOE	<i>cembroides</i>	38G1X	<i>mugo</i>
38GOF	<i>clausa</i>	38G1Y	<i>mugodermis</i>
38GOG	<i>clusiana</i>	38G1Z	<i>muricata</i>
38GOH	<i>contorta</i>	38G20	<i>nigra</i>
38GOJ	<i>cooperi</i>	38G21	<i>nigricans</i>
38GOK	<i>coulteri</i>	38G22	<i>oaxacana</i>
38GOL	<i>culminicola</i>	38G23	<i>occidentalis</i>
38GOM	<i>dalatensis</i>	38G24	<i>ocarpa</i>
38GON	<i>densiflora</i>	38G25	<i>pallasiana</i>
38GOP	<i>douglasiana</i>	38G26	<i>palustris</i>
38GOQ	<i>durangensis</i>	38G27	<i>parapumila</i>
38GOR	<i>echinata</i>	38G28	<i>parryana</i>
38GOS	<i>edulis</i>	38G29	<i>parviflora</i>
38GOT	<i>eldarica</i>	38G2A	<i>patula</i>
38GOV	<i>elliottii</i>	38G2B	<i>pentaphylla</i>
38GOY	<i>engelmannii</i>	38G2C	<i>peuce</i>
38GOW	<i>excelsa</i>	38G2D	<i>pinaster</i>
38GOX	<i>fenzeliana</i>	38G2E	<i>pinceana</i>
38GOY	<i>flexilis</i>	38G2F	<i>pinea</i>
38GOZ	<i>funebri</i>	38G2G	<i>pithyusa</i>
38G10	<i>gerardiana</i>	38G2H	<i>ponderosa</i>
38G11	<i>glabra</i>	38G2J	<i>pseudostrobus</i>
38G12	<i>griffithii</i>	38G2K	<i>pumila</i>
38G13	<i>hakkodensis</i>	38G2L	<i>pungens</i>
38G14	<i>halepensis</i>	38G2M	<i>quadrifolia</i>
38G15	<i>hamata</i>	38G2N	<i>radiata</i>
38G16	<i>hartwegii</i>	38G2P	<i>resinosa</i>
38G17	<i>heldreichii</i>	38G2Q	<i>rigida</i>
38G18	<i>holfordiana</i>	38G2R	<i>roxburghii</i>
38G19	<i>humboldtiana</i>	38G2S	<i>rudis</i>
38G1A	<i>hwangshanensis</i>	38G2T	<i>sabiniana</i>
38G1B	<i>insularis</i>	38G2U	<i>serotina</i>
38G1C	<i>jeffreyi</i>	38G2V	<i>sibirica</i>
38G1D	<i>khasya</i>	38G2W	<i>sosnovskyi</i>
		38G2X	<i>stankewiczii</i>
		38G2Y	<i>strobus</i>
		38G2Z	<i>sylvestris</i>

PUNCHCARD NUMBER	SUBJECT																																
	HOST GENUS OR SP.								COUNTRY								CAUSAL ORGANISMS								ABSTRACTING JOURNAL								
	VOLUME OF ABST. JOUR.																PAGE IN ABST. JOUR.																
	ARTICLE PUBLICATION YEAR																AUTHOR'S 1 <sup>ST</sup> & 2 <sup>ND</sup> INITIAL																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1	1	4	3	8	G	2	Y	3	7	3	T	0	3	4	2	2	2	3	9	6	2	H	S	A	H	O	I	N	F	L	U		
2	6	0						3	3	7	4	6	3	4	5	3	8	9	4	6	4	B	K	B	A	K	S	H	I	C	O	M	
3	—							—	E	J	0																						
4	1	6	0	0	9	0	R	I	0	G	6	0	1	2	5	0	2	7	0	6	4	H	E	A	L	I	P	P	I	A	C	E	
5	5	1						0	8	T	2	0	1	2	5	0	2	6	3	6	4												
6	6	0	3	8	G	2	Z	2	6	7	4	1	3	4	5	4	3	0	5	6	4	J	R	I	S	H	B	E	T	H	C		
7	—							—	D	3	0																						

These are the data that appeared on seven punchcards. For explanation, see page 1.

3435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980

ENCE OF NEEDLE RUST ON GROWTH OF PINUS STROBUS

PARISON OF F. LIGNOSUS AND POLYP. ZONALIS

R NEGUNDO LEAF SPOT CAUS. BY SEPTORIA CIRCINATA

STORAGE GERMIN. AND VIABILITY OF ARCEUTHOBIMUM

ONTROL OF F. ANNOSUS BY STUMP INOC. WITH PENIOPH.

38G30	<i>tabulaeformis</i>	39300	<i>Plectocomia</i>
38G31	<i>taeda</i>	39400	<i>Pleioblastus</i>
38G32	<i>taiwanensis</i>	39500	<i>Pleiocarpa</i>
38G33	<i>tecumumani</i>	39600	<i>Pleiococca</i>
38G34	<i>tenuifolia</i>	39700	<i>Pleiogynium</i>
38G35	<i>teocote</i>	39800	<i>Pleiokirkia</i>
38G36	<i>thunbergii</i>	39900	<i>Pleodendron</i>
38G37	<i>torreyana</i>	39A00	<i>Pleroblastus</i>
38G38	<i>virginiana</i>	39B00	<i>Plumieria</i>
38G39	<i>wallichiana</i>	39C00	<i>Podocarpus</i>
38G3A	<i>yunnanensis</i>	39C01	<i>amarus</i>
38H00	<i>Piper</i>	39C02	<i>andinus</i>
38J00	<i>Piptadenia</i>	39C03	<i>archboldii</i>
38K00	<i>Piptadeniastrum</i>	39C04	<i>blumei</i>
38L00	<i>Piptocarpha</i>	39C05	<i>comptonii</i>
38M00	<i>Piptostigma</i>	39C06	<i>costatis</i>
38N00	<i>Pisonia</i>	39C07	<i>dacrydioides</i>
38P00	<i>Pistacia</i>	39C08	<i>falcatus</i>
38Q00	<i>Pithecellobium</i>	39C09	<i>ferrugineus</i>
38R00	<i>Pittosporum</i>	39C0A	<i>filicifolius</i>
38S00	<i>Placodiscus</i>	39C0B	<i>gracilior</i>
38T00	<i>Plantago</i>	39C0C	<i>hallii</i>
38U00	<i>Platanus</i>	39C0D	<i>idenburgensis</i>
38U01	<i>acerifolia</i>	39C0E	<i>imbricatus</i>
38U02	<i>occidentalis</i>	39C0F	<i>lucienii</i>
38U03	<i>orientalis</i>	39C0G	<i>macrophyllus</i>
38V00	<i>Plathymentia</i>	39C0H	<i>mannii</i>
38W00	<i>Platycarya</i>	39C0J	<i>milanjianus</i>
38X00	<i>Platygyamus</i>	39C0K	<i>minor</i>
38Y00	<i>Platymiscium</i>	39C0L	<i>nagi</i>
38Z00	<i>Platymitra</i>	39COM	<i>neriifolius</i>
39000	<i>Platypodium</i>	39CON	<i>nivalis</i>
39100	<i>Platysepalum</i>	39COP	<i>nubigenus</i>
39200	<i>Plecospermum</i>	39COQ	<i>oleifolius</i>
		39COR	<i>parlatorei</i>
		39COS	<i>polystachyus</i>
		39COT	<i>purdieanus</i>
		39COU	<i>rospigliosii</i>
		39COV	<i>rumphii</i>
		39COW	<i>salignis</i>
		39COX	<i>spicatus</i>
		39COY	<i>sylvestris</i>
		39COZ	<i>thevetiifolius</i>
		39C10	<i>totara</i>
		39C11	<i>usambarensis</i>

39C12	ustus	39Q0U	hopiensis
39C13	vitiensis	39Q0V	japano-gigas
39C14	wallichianus	39Q0W	jescensis
		39Q0X	koreana
39D00	Poeciloneuron	39Q0Y	laurifolia
		39Q0Z	hybrida
39E00	Poga	39Q10	marilandica
		39Q11	maximowiczii
39F00	Poikilospermum	39Q12	monilifera
		39Q13	nigra
39G00	Polyalthia	39Q14	pamirica
		39Q15	pekinensis
39H00	Polylepis	39Q16	petrowskyana
		39Q17	pruinosa
39J00	Polyscias	39Q18	przewalskii
		39Q19	pyramidalis
39K00	Pomaderris	39Q1A	regenerata
		39Q1B	robusta
39L00	Pometia	39Q1C	sargentii
		39Q1D	serotina
39M00	Poncirus	39Q1E	sieboldii
		39Q1F	simonii
39N00	Pongamia	39Q1G	sosnowskii
		39Q1H	suaveolens
39P00	Popowia	39Q1J	szechuanica
		39Q1K	tacamahaca
39Q00	Populus	39Q1L	thracia
39Q01	acuminata	39Q1M	tomentosa
39Q02	alba	39Q1N	tremula
39Q03	angulata	39Q1P	tremuloides
39Q04	angustifolia	39Q1Q	trichocarpa
39Q05	bachofeni	39Q1R	tristis
39Q06	balsamifera	39Q1S	ussuriensis
39Q07	berolinensis	39Q1T	velox
39Q08	bolleana	39Q1U	vernirubens
39Q09	brabantica	39Q1V	virginiana
39Q0A	canadensis	39Q1W	wiszlenii
39Q0B	candicans	39Q1X	wobstii
39Q0C	canescens	39Q1Y	yunnanensis
39Q0D	carolinensis		
39Q0E	cathayana	39R00	Porlieria
39Q0F	caudina		
39Q0G	charkowiensis	39S00	Pourouma
39Q0H	ciliata		
39Q0J	dauidiana	39T00	Pouteria
39Q0K	deltoides		
39Q0L	diversifolia	39U00	Prainea
39Q0M	eugenii		
39Q0N	euphratica	39V00	Prioria
39Q0P	euramericana		
39Q0Q	gelrica	39W00	Prosopis
39Q0R	generosa		
39Q0S	grandidentata	39X00	Protea
39Q0T	heterophylla		

39Y00	Protium	40300	Pseudolarix
39Z00	Prunus	40400	Pseudomarsdenia
39Z01	amygdalis	40500	Pseudopanax
39Z02	ansu	40600	Pseudoprosopis
39Z03	armeniaca	40700	Pseudosasa
39Z04	avium	40800	Pseudosindoro
39Z05	campanulata	40900	Pseudospondias
39Z06	cerasifera	40A00	Pseudotsuga
39Z07	cerasus	40A01	japonica
39Z08	communis	40A02	macrocarpa
39Z09	divaricata	40A03	menzeisii
39Z0A	domestica	40A04	wilsoniana
39Z0B	donarium	40B00	Psidium
39Z0C	emarginata	40C00	Psorospermum
39Z0D	fontanesiana	40D00	Psychotria
39Z0E	fruticosa	40E00	Ptaeroxylon
39Z0F	graeca	40F00	Ptelea
39Z0G	grayana	40G00	Pteleopsis
39Z0H	incisa	40H00	Pterocarpus
39Z0J	injuncunda	40J00	Pterocarya
39Z0K	jamasakura	40K00	Pteroceltis
39Z0L	laurocerasus	40L00	Pterocymbium
39Z0M	maackii	40M00	Pterodon
39Z0N	mahaleb	40N00	Pterogyne
39Z0P	melanocarpa	40P00	Pterolobium
39Z0Q	mume	40Q00	Pterospermum
39Z0R	myrobalana	40R00	Pterygota
39Z0S	nigra	40S00	Ptychopyxis
39Z0T	padus	40T00	Pueraria
39Z0U	pennsylvanica		
39Z0V	persica		
39Z0W	phaeosticta		
39Z0X	puddum		
39Z0Y	pumila		
39Z0Z	salasii		
39Z10	sargentii		
39Z11	serotina		
39Z12	serrulata		
39Z13	speciosa		
39Z14	sphaerocarpa		
39Z15	spinosa		
39Z16	subhirtella		
39Z17	triloba		
39Z18	verecunda		
39Z19	virginiana		
39Z1A	webbii		
39Z1B	yedoensis		
40000	Pseudoberlinia		
40100	Pseudocarpidium		
40200	Pseudolabiata		



40U00	Punica	41110	engelmannii
40V00	Purshia	41111	estremadurensis
40W00	Putranjiva	41112	faginea
40X00	Pycnanthus	41113	falcata
40Y00	Pygeum	41114	fontinalis
40Z00	Pyracantha	41115	frainetto
41000	Pyrus	41116	fusiformis
41100	Qualea	41117	gambelii
41200	Quararibea	41118	garryana
41300	Quassia	41119	gilva
41400	Quercus	4111A	glandulifera
41401	acuta	4111B	glauca
41402	acutissima	4111C	grisea
41403	aegilops	4111D	haas
41404	agrifolia	4111E	hartwissiana
41405	ajoensis	4111F	havardii
41406	alba	4111G	hinckleyi
41407	aliena	4111H	iberica
41408	alnifolia	4111J	ilex
41409	amamiana	4111K	ilicifolia
4140A	araxina	4111L	illyrica
4140B	arizonica	4111M	imbricaria
4140C	bicolor	4111N	imeretina
4140D	borealis	4111P	incana
4140E	brandegei	4111Q	infectoria
4140F	calliprinos	4111R	ithaburensis
4140G	castaneifolia	4111S	kelloggii
4140H	cerris	4111T	laevis
4140J	cerroides	4111U	lamellosa
4140K	chrysolepis	4111V	lanuginosa
4140L	coccifera	4111W	laurifolia
4140M	coccinea	4111X	leucombeana
4140N	conferta	4111Y	liaotungensis
4140P	crispula	4111Z	libani
4140Q	dentata	41120	lineata
4140R	delatata	41121	lobata
4140S	discreta	41122	longipes
4140T	diversiloba	41123	lusitanica
4140U	douglasii	41124	lyrata
4140V	dumosa	41125	macedonica
4140W	dunnii	41126	macranthera
4140X	durata	41127	macrocarpa
4140Y	ellipsoidalis	41128	macrolepis
4140Z	emoryi	41129	margaretta
		4112A	marilandica
		4112B	mas
		4112C	michauxii
		4112D	minor
		4112E	mirbeckii
		4112F	mohriana
		4112G	mongolica
		4112H	montana
		4112J	muehlenbergii
		4112K	mutabilis

4142L	<i>myrsinaefolia</i>	41A00	<i>Rapanea</i>
4142M	<i>nigra</i>		
4142N	<i>nuttallii</i>	41B00	<i>Raphia</i>
4142P	<i>oblongifolia</i>		
4142Q	<i>occidentalis</i>	41C00	<i>Rauwolfia</i>
4142R	<i>palensis</i>		
4142S	<i>palustris</i>	41D00	<i>Ravensara</i>
4142T	<i>paucidentata</i>		
4142U	<i>pedunculata</i>	41E00	<i>Reinwardtia</i>
4142V	<i>pedunculiflora</i>		
4142W	<i>pentandra</i>	41F00	<i>Rhabdodendron</i>
4142X	<i>petraea</i>		
4142Y	<i>phellos</i>	41G00	<i>Rhabdothamnus</i>
4142Z	<i>phillyraeoides</i>		
41430	<i>princoides</i>	41H00	<i>Rhamnidium</i>
41431	<i>prinus</i>		
41432	<i>pseudocerris</i>	41J00	<i>Rhamnus</i>
41433	<i>pubescens</i>		
41434	<i>pyrenaica</i>	41K00	<i>Rhapidophyllum</i>
41435	<i>robur</i>		
41436	<i>rubra</i>	41L00	<i>Rheedia</i>
41437	<i>salicina</i>		
41438	<i>saulii</i>	41M00	<i>Rhizophora</i>
41439	<i>semecarpifolia</i>		
4143A	<i>serrata</i>	41N00	<i>Rhododendron</i>
4143B	<i>sessiliflora</i>		
4143C	<i>shumardii</i>	41P00	<i>Rhoicissus</i>
4143D	<i>sphaerocarpa</i>		
4143E	<i>spicata</i>	41Q00	<i>Rhopalocarpus</i>
4143F	<i>stellata</i>		
4143G	<i>suber</i>	41R00	<i>Rhopalostylis</i>
4143H	<i>subpyrenaica</i>		
4143J	<i>timirjasevii</i>	41S00	<i>Rhus</i>
4143K	<i>toza</i>		
4143L	<i>trojana</i>	00L00	<i>Ribes</i>
4143M	<i>turbinella</i>		
4143N	<i>turneri</i>	41T00	<i>Ricinodendron</i>
4143P	<i>undulata</i>		
4143Q	<i>variabilis</i>	41U00	<i>Ricinus</i>
4143R	<i>velutina</i>		
4143S	<i>virginiana</i>	41V00	<i>Rinorea</i>
4143T	<i>wislizenii</i>		
41500	<i>Quina</i>	41W00	<i>Ritchiea</i>
		41X00	<i>Robinia</i>
41600	<i>Quintinia</i>	41X01	<i>neomexicana</i>
		41X02	<i>pseudoacacia</i>
41700	<i>Quisqualis</i>	41X03	<i>viscosa</i>
41800	<i>Raimondia</i>	41Y00	<i>Robinsonella</i>
41900	<i>Randia</i>	41Z00	<i>Rollinia</i>

42000	Royena	42A10	gilgiana
42100	Roystonea	42A11	glauca
42200	Ruprechtia	42A12	gracilostyla
42300	Ruscus	42A13	hastata
42400	Ruta	42A14	hookeriana
42500	Ryania	42A15	hultenii
42600	Sabal	42A16	humboldtiana
42700	Saccharum	42A17	humilis
42800	Saccopetalum	42A18	incana
42900	Sagaraea	42A19	integra
42A00	Salix	42A1A	interior
42A01	acmophylla	42A1B	japonica
42A02	acutifolia	42A1C	jeniseensis
42A03	adenophylla	42A1D	kazbekensis
42A04	alba	42A1E	koriyanagi
42A05	alexensis	42A1F	lambertiana
42A06	americana	42A1G	matsudana
42A07	amygdalina	42A1H	mongolica
42A08	amygdaloides	42A1J	myrsinifolia
42A09	arbuscula	42A1K	nigra
42A0A	arbusculoides	42A1L	pentandra
42A0B	arctica	42A1M	petiolaris
42A0C	arctophila	42A1N	pet-susu
42A0D	arenaria	42A1P	phylicifolia
42A0E	aurita	42A1Q	pseudomonticola
42A0F	babylonica	42A1R	purpurea
42A0G	bakko	42A1S	pyramidalis
42A0H	bebbiana	42A1T	repens
42A0J	brachycarpa	42A1U	rigida
42A0K	caprea	42A1V	rosmarinifolia
42A0L	caspica	42A1W	sachalinensis
42A0M	cheilophila	42A1X	saposhnikovii
42A0N	cinerea	42A1Y	scouleriana
42A0P	cuspidata	42A1Z	smithiana
42A0Q	daphnoides	42A20	songarica
42A0R	dasyclados	42A21	suchowensis
42A0S	denticulata	42A22	tetrasperma
42A0T	discolor	42A23	triandra
42A0U	dshugdshurica	42A24	viminalis
42A0V	elegantissima	42A25	vitellina
42A0W	eriocephala	42A26	wilhelmsiana
42A0X	excelsior	42A27	xerophila
42A0Y	flavida	42B00	Salmalia
42A0Z	fragilis	42C00	Salsola
		42D00	Samadera
		42E00	Samanea
		42F00	Sambucus
		42G00	Sanango

42H00	Sandoricum	43A00	Schizostachyum
42J00	Sandwithiodoxa	43B00	Schleichera
42K00	Santalum	43C00	Schrameckia
42L00	Santiria	43D00	Schrebera
42M00	Sapindus	43E00	Sciadopitys
42N00	Sapium	43F00	Sclerocarya
42P00	Saraca	43G00	Sclerolobium
42Q00	Sararanga	43H00	Scorodophloeus
42R00	Sarcocephalus	43J00	Scottellia
42S00	Sarothamnus	43K00	Sebastiania
42T00	Sasa	43L00	Semecarpus
42U00	Sasamorpha	43M00	Senefelderopsis
42V00	Sassafrass	43N00	Sequoia
42W00	Saurauja	43N01	gigantea
		43N02	sempervirens
42X00	Sauropus	43P00	Sequoiadendron
42Y00	Saussurea	43Q00	Serenoa
42Z00	Saxegothaea	43R00	Serianthes
43000	Scaevola	43S00	Shaferodendron
43100	Scaria	43T00	Shiia
43200	Scheelia	43U00	Shorea
43300	Schefflera	43U01	albida
43400	Schima	43U02	almon
43500	Schinopsis	43U03	argentifolia
		43U04	assamica
43600	Schinus	43U05	balacteolata
		43U06	balanocarpoides
43700	Schizandra	43U07	collaris
		43U08	conica
		43U09	curtisii
43800	Schizolobium	43U0A	dolichocarpa
		43U0B	eximia
		43U0C	faguetiana
43900	Schizomeria	43U0D	falcata

43UOE	gisok	44300	Sinobambusa
43UOF	guiso		
43UOG	hypochra	44400	Sinocalamus
43UOH	induplicata		
43UOJ	laxa	44500	Skimmia
43UOK	leprosula		
43UOL	leptoclados	44600	Sloanea
43UOM	lumutensis		
43UON	macroptera	44700	Smithia
43UOP	mecistopteryx		
43UOQ	multiflora	44800	Solenocarpus
43UOR	negrosensis		
43UOS	obovoidea	44900	Sonneratia
43UOT	obtusa		
43UOU	ovata	44A00	Sophora
43UOV	parvifolia		
43UOW	pauciflora	44B00	Sorbus
43UOX	peltata	44B01	americana
43UOY	philippinensis	44B02	aria
43UOZ	platyclados	44B03	aucuparia
43U10	polysperma	44B04	commixta
43U11	resina-nigra	44B05	decora
43U12	resinosa	44B06	domestica
43U13	richetia	44B07	glabrata
43U14	robusta	44B08	intermedia
43U15	rugosa	44B09	pseudolatifolia
43U16	smithiana	44BOA	terminalis
43U17	smithii		
43U18	squamata	44C00	Soyauxia
43U19	stenoptera		
43U1A	subcylindrica	44D00	Soymida
43U1B	superba		
43U1C	symingtonii	44E00	Sparattanthelium
43U1D	talura		
43U1E	teysmanniana	44F00	Spartium
43U1F	waltoni		
43U1G	xanthophylla	44G00	Spathiostemon
43V00	Sickingia	44H00	Spathodea
43W00	Sideroxyylon	44J00	Spiraea
43X00	Simaba	44K00	Spirostachys
43Y00	Simarouba	44L00	Spondias
43Z00	Simmondsia	44M00	Stachyurus
44000	Sinda	44N00	Staphylea
44100	Sindora	44P00	Staudtia
44200	Sindoropsis	44Q00	Stemmadenia

44R00	Stenacarpus	45H00	Syndiophyllum
44S00	Stephanandra	45J00	Syringa
44T00	Sterculia	45K00	Syzygium
44U00	Stereospermum	45L00	Tabebuia
44V00	Stewartia	45L01	alba
44W00	Stoebe	45L02	argentina
44X00	Streblus	45L03	avellanadae
44Y00	Strombosia	45L04	carabaia
44Z00	Strombosiopsis	45L05	donnell-smithii
45000	Strophanthus	45L06	flavescens
45100	Strychnos	45L07	guayacan
45200	Stryphnodendron	45L08	ipe
45300	Stylobasium	45L09	lapacho
45400	Styrax	45L0A	nodosa
45500	Suaeda	45LOB	pallida
45600	Sumbavia	45LOC	pentaphylla
45700	Swartzia	45LOD	pulcherrima
45800	Sweetia	45M00	Tabernaemontana
45900	Swietenia	45N00	Tabernanthe
45901	humilis	45P00	Tachigalia
45902	macrophylla	45Q00	Taiwaneia
45903	mahogani	45R00	Talauma
45A00	Swintonia	45S00	Tamala
45B00	Sympetalandra	45T00	Tamarindus
45C00	Symphomyrtus	45U00	Tamarix
45D00	Symphonia	45U01	africana
45E00	Symphoricarpos	45U02	aphila
45F00	Symplocos	45U03	articulata
45G00	Syncarpia	45U04	caspica
		45U05	gallica
		45U06	gracilis
		45U07	jordanis
		45U08	juniperina
		45U09	laxa
		45U0A	nilotica
		45U0B	pallasii
		45U0C	pentandra
		45U0D	ramosissima
		45V00	Tambourissa
		45W00	Tapoides

45X00	Tarchonanthus	46B00	Tessaria
45Y00	Tarrieta	46C00	Tessmannia
45Z00	Taxodium	46D00	Tetraberlinia
45Z01	ascendens	46E00	Tetracera
45Z02	distichum	46F00	Tetraclinis
45Z03	mucronatum	46G00	Tetradymia
46000	Taxus	46H00	Tetragastris
46001	baccata	46J00	Tetrapanax
46002	brevifolia	46K00	Tetrapathaea
46003	canadensis	46L00	Tetrapleura
46004	capitata	46M00	Tetrathylacium
46005	chinensis	46N00	Tetrorchidium
46006	cuspidata	46P00	Thea
46007	floridana	46Q00	Theobroma
46008	hunnewelliana	46R00	Thespesia
46009	media	46S00	Thrinax
46100	Teclea	46T00	Thryptomene
46200	Tecoma	46U00	Thuja
46300	Tecomaria	46U01	occidentalis
46400	Tectona	46U02	orientalis
46500	Teijsmanniodendron	46U03	plicata
46600	Teinostachyum	46U04	standishii
46700	Tephrosia	46V00	Thujopsis
46800	Tepualia	46W00	Tibouchina
46900	Terminalia	46X00	Tilia
46901	altissima	46X01	americana
46902	australis	46X02	amurensis
46903	belerica	46X03	argentea
46904	bialata	46X04	caucasica
46905	catappa	46X05	cordata
46906	chebula	46X06	dasystyla
46907	citrina	46X07	euchlora
46908	ivorensis	46X08	europaea
46909	paniculata	46X09	floridana
4690A	pierrii		
4690B	richii		
4690C	sericea		
4690D	superba		
4690E	tomentosa		
46A00	Ternstroemia		

46XOA	<i>grandifolia</i>	47G00	<i>Triplochiton</i>
46XOB	<i>heterophylla</i>		
46XOC	<i>japonica</i>	47H00	<i>Tristania</i>
46XOD	<i>ledebourii</i>		
46XOE	<i>mandshurica</i>	47J00	<i>Triumfetta</i>
46XOF	<i>maximowcziana</i>		
46XOG	<i>mongolica</i>	47K00	<i>Trivalvaria</i>
46XOH	<i>neglecta</i>		
46XOJ	<i>parvifolia</i>	47L00	<i>Trochodendron</i>
46XOK	<i>pekinensis</i>		
46XOL	<i>petiolaris</i>	47M00	<i>Trophis</i>
46XOM	<i>platyphyllos</i>		
46XON	<i>rubra</i>	47N00	<i>Tsebona</i>
46XOP	<i>sibirica</i>		
46XOQ	<i>tomentosa</i>	47P00	<i>Tsuga</i>
46XOR	<i>vulgaris</i>	47P01	<i>brunoniana</i>
		47P02	<i>canadensis</i>
46Y00	<i>Tipuana</i>	47P03	<i>caroliniana</i>
		47P04	<i>diversifolia</i>
46Z00	<i>Toddalia</i>	47P05	<i>heterophylla</i>
		47P06	<i>macrocarpa</i>
47000	<i>Toona</i>	47P07	<i>mertensiana</i>
		47P08	<i>pattoniana</i>
47100	<i>Torreya</i>	47P09	<i>sieboldii</i>
47200	<i>Tournefortia</i>	47Q00	<i>Turraea</i>
47300	<i>Tovomita</i>	47R00	<i>Turraeanthus</i>
47400	<i>Trachelospermum</i>	47S00	<i>Uapaca</i>
47500	<i>Trachycarpus</i>	47T00	<i>Ulex</i>
47600	<i>Treculia</i>	47U00	<i>Ulmus</i>
		47U01	<i>alata</i>
47700	<i>Trema</i>	47U02	<i>americana</i>
		47U03	<i>androssowii</i>
47800	<i>Trewia</i>	47U04	<i>angustifolia</i>
		47U05	<i>campestris</i>
47900	<i>Trichilia</i>	47U06	<i>canescens</i>
		47U07	<i>carpinifolia</i>
47A00	<i>Trichoscypha</i>	47U08	<i>crassifolia</i>
		47U09	<i>densa</i>
47B00	<i>Tridesmostemon</i>	47UOA	<i>effusa</i>
		47UOB	<i>elliptica</i>
47C00	<i>Trigonostemon</i>	47UOC	<i>fulva</i>
		47UOD	<i>glabra</i>
47DOO	<i>Triomma</i>	47UOE	<i>japonica</i>
		47UOF	<i>kunmingensis</i>
47E00	<i>Triphasia</i>	47UOG	<i>laciniata</i>
		47UOH	<i>laevis</i>
47FOO	<i>Triplaris</i>	47UOJ	<i>lancifolia</i>



47UOK	macrocarpa	48G00	Vochysia
47UOL	parvifolia	48H00	Vouacapoua
47UOM	procera	48J00	Wallaceodendron
47UON	propinqua	48K00	Walsura
47UOP	pumila	48L00	Waltheria
47UOQ	rubra	48M00	Warburgia
47UOR	serotina	48N00	Washingtonia
47UOS	suberosa	48P00	Weigela
47UOT	thomasi	48Q00	Weinmannia
47UOU	turkestanica	48R00	Welwitschia
47UOV	wallichiana	48S00	Wendlandia
47V00	Umbellularia	48T00	Wetria
47W00	Uncaria	48U00	Whiteodendron
47X00	Upuna	48V00	Widdringtonia
47Y00	Uragoga	48W00	Wikstroemia
47Z00	Urbanodendron	48X00	Wimmeria
48000	Uvaria	48Y00	Woodfordia
48100	Uvariastrum	48Z00	Wrightia
48200	Uvariopsis	49000	Xanthophyllum
48300	Vahlia	49100	Xanthostemon
48400	Vallaris	49200	Xanthoxylum
48500	Vateria	49300	Ximenia
48600	Vatica	49400	Xylia
48700	Vavadea	49500	Xylocarpus
48800	Ventilago	49600	Xylopia
48900	Vepris	49700	Yucca
48A00	Vernonia	49800	Zanthoxylum
48B00	Viburnum		
48C00	Vincentella		
48D00	Virola		
48E00	Vitex		
48F00	Voacanga		

49900	Zeharella	49D00	Hardwoods
49A00	Zelkova		
49B00	Zizyphus	49E00	Softwoods
49C00	Zschokkea		

## COUNTRY CODE

0	<u>North America</u>	27	Esthonia
00	Canada	28	Finland
01	Costa Rica	29	France
02	Guatemala	2A	Germany
03	Honduras	2B	Greece
04	Mexico	2C	Hungary
05	Nicaragua	2D	Ireland
06	Panama	2E	Italy
07	Salvador	2F	Jugoslavia
08	United States, continental	2G	Latvia
		2H	Luxembourg
		2J	Netherlands
1	<u>South America</u>	2K	Norway
10	Argentina	2L	Poland
11	Bolivia	2M	Portugal
12	Brazil	2N	Romania
13	British Guiana	2P	Spain
14	Chile	2Q	Sweden
15	Colombia	2R	Switzerland
16	Dutch Guiana	2S	Turkey
17	French Guiana	2T	U.S.S.R.
18	Paraguay		
19	Peru	3	<u>Asia</u>
1A	Surinam	30	Afghanistan
1B	Uruguay	31	Burma
1C	Venezuela	32	China
		33	India
2	<u>Europe</u>	34	Iran
20	Albania	35	Iraq
21	Austria	36	Israel
22	Belgium	37	Japan
23	Bulgaria	38	Jordan
24	Czechoslovakia	39	Korea
25	Denmark	3A	Malaya
26	England, Scotland, and Wales	3B	Pakistan
		3C	Saudi Arabia

3D	Syria	52	Ceylon
3E	Thailand	53	Cyprus
3F	Tibet	54	Greenland
3G	U.S.S.R.	55	Hawaii (U.S.)
3H	Vietnam, N.	56	Iceland
3J	Vietnam, S.	57	Indonesia, Borneo
3K	Yemen	58	Indonesia, Celebes
		59	Indonesia, Java
4	<u>Africa</u>	5A	Indonesia, Moluccas
40	Algeria	5B	Indonesia, Sumatra
41	Angola	5C	Indonesia, other
42	Bechuanaland	5D	Madagascar
43	Cameroon	5E	New Guinea
44	Congo	5F	New Zealand
45	Egypt	5G	Newfoundland
46	Eritrea	5H	Oceania, not specified
47	Ethiopia	5J	Okinawa
48	Gabon	5K	Philippines
49	Gambia	5L	Society Islands
4A	Ghana	5M	Solomon Islands
4B	Guinea	5N	Taiwan
4C	Ivory Coast	5P	Tasmania
4D	Kenya	5Q	West Indies, Bahamas
4E	Liberia	5R	West Indies, Barbados
4F	Libya	5S	West Indies, Cuba
4G	Mauritania	5T	West Indies, Curacao
4H	Morocco	5U	West Indies, Dominica
4J	Mozambique	5V	West Indies, Guadeloupe
4K	Nigeria	5W	West Indies, Haiti
4L	Rhodesia and Nyasaland	5X	West Indies, Martinique
4M	Somalia	5Y	West Indies, Puerto Rico
4N	South Africa	5Z	West Indies, Trinidad
4P	Sudan	60	West Indies, Virgin Islands
4Q	Tanganyika	61	West Indies, other
4R	Tunisia		
4S	Uganda	7	<u>Arctic, general</u>
5		8	<u>Tropical, general</u>
6	<u>Insular</u>	9	<u>World</u>
50	Australia		
51	Bermuda		

## CAUSAL ORGANISM CODE

Fungi

000	Acantharia	ORO	Aphanomyces
010	Acanthostigma	OSO	Apiognomonina
020	Acanthostoma	OTO	Apioportha
030	Achlya	OUO	Apiosphaeria
040	Acremoniella	OVO	Apiosporina
050	Acrospermoides	OWO	Apiosporium
060	Acrospermum	OXO	Aplopsora
070	Actinopelte	OYO	Aporpium
080	Actinothecium	OZO	Arachnopeziza
090	Adelopus	100	Armillaria
0A0	Aecidium	110	Arthrobotrys
0B0	Agaricaceae	120	Articularia
0C0	Aglaospora	130	Ascochyta
0D0	Aleurodiscus	140	Ascocybe
0E0	Alternaria	150	Ascomycetes
0F0	Amanita	160	Aspergillus
0G0	Amanitopsis	170	Asterina
0H0	Amerodopsis	180	Asterodon
0J0	Amerosporium	190	Asteroma
0K0	Amphisphaeria	1A0	Asterostroma
0L0	Amylostereum	1B0	Atichia
0M0	Angelina	1C0	Atropellis
0N0	Antennaria	1D0	Auerswaldia
0P0	Anthostoma	1E0	Auerswaldiella
0Q0	Anthostomella		

1FO	Aureobasidium	280	Camarops
1GO	Auriculariaceae	290	Camaropycnis
1HO	Auriscalpium	2AO	Camarosporium
1JO	Basidiomycetes	2BO	Cantharellus
1KO	Belonidium	2CO	Capnodiaceae
1LO	Bertia	2DO	Capnodium
1MO	Biatorella	2EO	Caproniella
1NO	Bifusella	2FO	Carpophthora
1PO	Blastocladia	2GO	Caryospora
1QO	Blytridium	2HO	Catacauma
1RO	Boletaceae	2JO	Cenangella
1SO	Boletellus	2KO	Cenangium
1TO	Boletinus	2LO	Cenococcum
1UO	Boletus	2MO	Cephaleuros
1VO	Botryodiplodia	2NO	Cephalosporium
1WO	Botryosphaeria	2PO	Cephalothecium
1XO	Botrytis	2QO	Cerotelium
1YO	Boydia	2RO	Ceratocystis
1ZO	Brunchorstia	2R1	coerulescens
200	Cacopaurus	2R2	fagacearum
210	Cadophora	2R3	ulmi
220	Caeoma	2R4	fimbriata
230	Caliciopsis	2R5	paradoxa
240	Calocera	2SO	Ceratophorum
250	Calonectria	2TO	Ceratostomella
260	Calosphaeria	2UO	Cercoseptoria
270	Calyptospora	2VO	Cercospora
		2WO	Cercosporella
		2XO	Cerotelium
		2YO	Ceuthospora

2Z0	Chaetomium	3S0	Coccophacidium
300	Chalara	3T0	Coleosporium
310	Chalaropsis	3U0	Colletotrichum
320	Chilonectria	3V0	Collybia
330	Chlorociboria	3W0	Coniophora
340	Chloroscypha	3X0	Coniosporium
350	Chlorosplenium	3Y0	Coniothyrium
360	Chondropodium	3Z0	Coprinus
370	Chrysomyxa	400	Cornularia
380	Ciboria	410	Corticium
390	Ciborinia	420	Coryne
3A0	Circinnobolus	430	Coryneliaceae
3B0	Cistella	440	Coryneum
3C0	Cladosporium	450	Craterellus
3D0	Clasterosporium	460	Creonectria
3E0	Clathrus	470	Creosphaeria
3F0	Claudopus	480	Crepidotis
3G0	Clavariaceae	490	Cristulariella
3H0	Clithris	4A0	Cronartium
3J0	Clitocybe	4A1	cerebrum
3K0	Clonostachys	4A2	comandrae
3L0	Clypeothecium	4A3	comptoniae
3M0	Coccodinium	4A4	conigenum
3N0	Coccodopsis	4A5	filamentosum
3P0	Coccoidella	4A6	fusiforme
3Q0	Coccomyces	4A7	occidentale
3R0	Cocconia	4A8	quercuum
		4A9	ribicola
		4AA	strobilinum
		4B0	Crucibulum
		4C0	Crumenula
		4D0	Cryptochaete

4EO	Cryptodiaporthe	570	Dematium
4FO	Cryptomyces	580	Dendrophoma
4GO	Cryptosphaerella	590	Dendrodochium
4HO	Cryptosphaeria	5A0	Depazea
4JO	Cryptosporiopsis	5B0	Dermatea
4KO	Cryptosporium	5CO	Dermatella
4LO	Cryptostictis	5DO	Deuteromycetes
4MO	Cryptovalsa	5EO	Diaporthe
4NO	Cunninghamella	5FO	Diatrype
4PO	Cucurbitodthis	5GO	Diatrypella
4QO	Cucurbitaria	5HO	Dibotryon
4RO	Cuticularia	5JO	Dichaena
4SO	Cyclomyces	5KO	Didymascella
4TO	Cylindrocladium	5LO	Didymosphaeria
4UO	Cylindrosporium	5MO	Didymosporium
4VO	Cyphella	5NO	Diedickea
4WO	Cytophoma	5PO	Dimerium
4XO	Cytospora	5QO	Dimerosporium
4YO	Cytosporella	5RO	Diplodia
4ZO	Cytosporina	5SO	Diplonaevia
500	Dacrymyces	5TO	Discella
510	Dacryomycetaceae	5UO	Discohainesia
520	Daedalea	5VO	Discosia
530	Daldinia	5WO	Discula
540	Darluca	5XO	Dothichiza
550	Dasyscypha	5YO	Dothidea
560	Davisiella	5ZO	Dothidella

600	<i>Dothiora</i>	6T0	<i>Exoascus</i>
610	<i>Dothiorella</i>	6U0	<i>Exobasidium</i>
620	<i>Dothistroma</i>	6V0	<i>Exophoma</i>
630	<i>Echinodontium</i>	6W0	<i>Exosporium</i>
640	<i>Ectostroma</i>	6X0	<i>Fabraea</i>
650	<i>Eichleriella</i>	6Y0	<i>Fabrella</i>
660	<i>Ellisiodothis</i>	6Z0	<i>Favolus</i>
670	<i>Elsinoe</i>	700	<i>Femsjonia</i>
680	<i>Elytroderma</i>	710	<i>Fenestella</i>
690	<i>Encoelia</i>	720	<i>Fistulina</i>
6A0	<i>Endobotrya</i>	730	<i>Flammula</i>
6B0	<i>Endoconidiophora</i>	740	<i>Fomes</i>
6C0	<i>Endogene</i>	741	<i>annosus</i>
6D0	<i>Endothia</i>	742	<i>applanatus</i>
6E0	<i>Endoxyla</i>	743	<i>connatus</i>
6F0	<i>Englerula</i>	744	<i>fomentarius</i>
6G0	<i>Englerulaster</i>	745	<i>igniarius</i>
6H0	<i>Entomosporium</i>	746	<i>lignosus</i>
6J0	<i>Epicoccum</i>	747	<i>officinalis</i>
6K0	<i>Erinellina</i>	748	<i>pini</i>
6L0	<i>Erysiphaceae</i>	749	<i>pinicola</i>
6M0	<i>Erysiphe</i>	74A	<i>rimosus</i>
6N0	<i>Europhium</i>	74B	<i>robustus</i>
6P0	<i>Euryachora</i>	750	<i>Fomitopsis</i>
6Q0	<i>Eutypa</i>	760	<i>Fumago</i>
6R0	<i>Eutypella</i>	770	<i>Fusarium</i>
6S0	<i>Exidia</i>	780	<i>Fusicladium</i>
		790	<i>Fusicoccum</i>
		7A0	<i>Fusoma</i>
		7B0	<i>Gallowaya</i>
		7C0	<i>Galzinia</i>
		7D0	<i>Ganoderma</i>



7EO	Geotrichum	87O	Harknessia
7FO	Gibberella	88O	Helicobasidium
7GO	Gibberidea	89O	Helicogloea
7HO	Gliocladium	8AO	Helotiaceae
7JO	Gloeocystidium	8BO	Helminthosporium
7KO	Gloeodes	8CO	Helotium
7LO	Gloeosporium	8DO	Helvellaceae
7MO	Gloeotulasnella	8EO	Hemiphacidium
7NO	Glomerella	8FO	Hendersonia
7PO	Glonium	8GO	Hendersonula
7QO	Glutinium	8HO	Hericium
7RO	Gnomonia	8JO	Herpotrichia
7SO	Gnomoniella	8KO	Heterosporium
7TO	Godronia	8LO	Hexagonia
7UO	Godroniopsis	8MO	Homostegia
7VO	Gonatobotryum	8NO	Hormiscium
7WO	Gonatorrhodiella	8PO	Hormodendrum
7XO	Gorgoniceps	8QO	Hormonema
7YO	Grandinia	8RO	Hyalinia
7ZO	Graphiola	8SO	Hyalopsora
80O	Graphium	8TO	Hydnaceae
81O	Guepiniopsis	8UO	Hydnum
82O	Guignardia	8VO	Hymenochaete
83O	Gymnosporangium	8WO	Hymenomycetes
84O	Gymnosporium	8XO	Hypholoma
85O	Gymnotelium	8YO	Hypochnus
86O	Haplosporella	8ZO	Hypoderma

900	Hypodermella	9T0	Leciographa
910	Hypoxylon	9U0	Lembosia
920	Hysterographium	9V0	Lembosiopsis
930	Illosporium	9W0	Lentinus
940	Inocybe	9X0	Lenzites
950	Irene	9Y0	Lepiota
960	Irenina	9Z0	Leptographium
970	Irpex	A00	Leptosphaeria
980	Isaria	A10	Leptostroma
990	Isariopsis	A20	Leptothyrella
9A0	Isothea	A30	Leptothyrium
9B0	Karschia	A40	Libertella
9C0	Keithia	A50	Limacinia
9D0	Kellermannia	A60	Linospora
9E0	Kriegeria	A70	Lophidium
9F0	Kuehneola	A80	Lophiosphaera
9G0	Lachnea	A90	Lophiotrema
9H0	Lachnella	AA0	Lophium
9J0	Lachnum	AB0	Lophodermina
9K0	Lactarius	AC0	Lophodermium
9L0	Laestadia	AD0	Lycoperdales
9M0	Lambertella	AEO	Macrophoma
9N0	Lasiobelonium	AFO	Macrophomina
9P0	Lasiosphaeria	AGO	Macropodia
9Q0	Lecanidion	AHO	Macrosporium
9R0	Lecanosticta	AJO	Mamiana
9S0	Leccinum	AKO	Marasmius

ALO	Marssonia	BDO	Microthyrium
AMO	Marssonina	BEO	Milesia
ANO	Massaria	BFO	Milesina
APO	Megalonectria	BGO	Mollisia
AQO	Melampsora	BHO	Monilia
ARO	Melampsorella	BJO	Monilinia
ASO	Melampsoridium	BKO	Monochaetia
ATO	Melampsoropsis	BLO	Morenoella
AUO	Melanconiaceae	BMO	Mucor
AVO	Melanconis	BNO	Mucronella
AWO	Melanconium	BPO	Mycena
AXO	Melasmia	BQO	Mycoacia
AYO	Meliola	BRO	Mycosphaerella
AZO	Melogramma	BSO	Myrianginella
BOO	Meria	BTO	Myriangium
B1O	Merulius	BUO	Myrioconium
B2O	Metasphaeria	BVO	Mytilidion
B3O	Micraspis	BWO	Myxofusicoccum
B4O	Microcera	BXO	Myxosporium
B5O	Microdiplodia	BYO	Naemacyclus
B6O	Micropeltis	BZO	Naematoloma
B7O	Micropera	COO	Naevia
B8O	Microsphaera	C1O	Napicladium
B9O	Microstoma	C2O	Naucoria
BAO	Microstroma	C3O	Necium
BBO	Microthecium	C4O	Nectria
BCO	Microthyriella	C5O	Neocosmospora

C60	Neofabraea	CZ0	Patinella
C70	Neofuckelia	D00	Paxillus
C80	Neopeckia	D10	Pellicularia
C90	Neurospora	D20	Penicillium
CA0	Nigrospora	D30	Peniophora
CB0	Nothophaacidium	D40	Peridermium
CC0	Nummularia	D50	Perisporiales
CDO	Ocellaria	D60	Peronospora
CEO	Odontia	D70	Perrotia
CFO	Oidium	D80	Pestalotia
CG0	Ombrophila	D90	Pezicula
CHO	Omphalia	DA0	Pezizella
CJO	Ophiobolus	DB0	Phacidiella
CK0	Ophiodothis	DC0	Phacidiopycnis
CLO	Ophionectria	DD0	Phacidium
CM0	Ophiostoma	DE0	Phaeochora
CNO	Orbilbia	DFO	Phaeocryptopus
CPO	Orcadella	DGO	Phaeosaccardinula
CQ0	Ormadothium	DHO	Phaeoseptoria
CRO	Ostreola	DJO	Phaeosphaerella
CS0	Ovularia	DK0	Phialea
CT0	Ozonium	DLO	Phialophora
CU0	Panus	DM0	Phlebia
CVO	Parksia	DNO	Phlebiella
CWO	Parodiella	DPO	Phloeospora
CX0	Passalora	DQ0	Pholiota
CY0	Patellaria	DRO	Phoma

DSO	Phomopsis	EJ2	albellus
		EJ3	anceps
DTO	Phragmidium	EJ4	balsameus
		EJ5	berkeleyi
DUO	Phragmotrichum	EJ6	curtisii
		EJ7	dryophilus
DVO	Phycomycetes	EJ8	fissilis
		EJ9	glomeratus
DWO	Phyllachora	EJA	hispidus
		EJB	lucidus
DXO	Phyllactinia	EJC	pargamenus
		EJD	schweinitzii
DYO	Phyllosticta	EJE	sulphureus
		EJF	tomentosus
DZO	Phyllostictina	EJG	versicolor
E00	Phymatotrichum	EKO	Polystictus
E10	Physalospora	ELO	Polythelis
E20	Phytophthora	EMO	Poria
E30	Pichia	EM1	ambigua
		EM2	andersonii
E40	Piggotia	EM3	cocos
		EM4	incrassata
E50	Pileolaria	EM5	monticola
		EM6	obliqua
E60	Piptocephalis	EM7	radiculosa
		EM8	subacida
E70	Pisolithus	EM9	unita
		EMA	vaillantii
E80	Pithya	EMB	vaporaria
		EMC	weirii
E90	Plagiostoma	EMD	xantha
EAO	Plasmodiophoraceae	ENO	Potebniamyces
EBO	Pleospora	EPO	Propolis
ECO	Pleurotus	EQO	Protocoronospora
EDO	Plowrightia	ERO	Protoventuria
EEO	Pluteus	ESO	Psalliota
EFO	Podosphaera	ETO	Pseudociboria
EGO	Pollaccia	EUO	Pseudographis
EHO	Polyporaceae	EVO	Pseudoperonospora
EJO	Polyporus	EWO	Pseudovalsa
EJ1	abietinus	EXO	Ptychogaster

EYO	Puccinia	FRO	Schizoxylon
EZO	Pucciniastrum	FSO	Scirrhia
FOO	Pullularia	FTO	Scleroderma
F1O	Pyrenochaeta	FUO	Scleroderris
F2O	Pythium	FVO	Sclerophoma
F3O	Radulum	FWO	Sclerotinia
F4O	Ramularia	FXO	Sclerotium
F5O	Ravenelia	FYO	Scoleconectria
F6O	Rehmiellopsis	FZO	Scolescosporium
F7O	Retinocyclus	G0O	Scorias
F8O	Rhabdocline	G1O	Sebacina
F9O	Rhabdogloeum	G2O	Secotium
FAO	Rhabdospora	G3O	Septobasidium
FBO	Rhynchosphaeria	G4O	Septogloeum
FCO	Rhizina	G5O	Septonema
FDO	Rhizoctonia	G6O	Septoria
FEO	Rhizopogon	G7O	Septotinia
FFO	Rhizopus	G8O	Seynesia
FGO	Rhizosphaera	G9O	Sirococcus
FHO	Rhytisma	GAO	Sirodesmium
FJO	Roestelia	GBO	Solenia
FKO	Rosellinia	GCO	Sordaria
FLO	Russula	GDO	Sparassis
FMO	Rutstroemia	GEO	Sphaceloma
FNO	Sacidium	GFO	Sphaerella
FPO	Sarcinella	GGO	Sphaerodothis
FQO	Schizophyllum		

GHO	Sphaeronema	H90	Tapesia
GJO	Sphaerophragmium	HAO	Taphrina
GKO	Sphaeropsis	HBO	Teichospora
GLO	Sphaerostilbe	HCO	Thelephora
GMO	Sphaerotheca	HDO	Thelephoraceae
GNO	Sphaerulina	HEO	Thielavia
GPO	Spicaria	HFO	Thielaviopsis
GQO	Sporocybe	HGO	Thyronectria
GRO	Sporodesmium	HHO	Thyrostroma
GSO	Sporonema	HJO	Tomentella
GTO	Stagonospora	HKO	Torula
GUO	Steccherinum	HLO	Toxosporium
GVO	Steganosporium	HMO	Trabutia
GWO	Stegopezizella	HNO	Trametes
GXO	Stemphylium	HN1	heteromorpha
		HN2	pini
GYO	Stereum	HPO	Tranzschelia
GY1	purpureum	HQO	Trechispora
GY2	sanguinolentum	HRO	Tremellaceae
GZO	Stictus	HSO	Trichoderma
HOO	Stigmatea	HTO	Trichodothis
H1O	Stigmella	HUO	Tricholoma
H2O	Stigmina	HVO	Trichoscyphella
H3O	Stilbella	HWO	Trichosphaeria
H4O	Stilbospora	HXO	Trichosporium
H5O	Streptothrix	HYO	Trimmatostroma
H6O	Strickeria	HZO	Tryblidiella
H7O	Strumella	JOO	Tryblidiopsis
H8O	Suillus		

J10	Tryblidium	JU0	Xenodomus
J20	Tuberales	JV0	Xeromphalina
J30	Tubercularia	JW0	Xylaria
J40	Tuberculariella	JX0	Xyloschizon
J50	Tuberculina	JY0	Xylosphaeria
J60	Tulasnella	JZ0	Xylostroma
J70	Tympanis	K00	Zignoella
J80	Uncinula	K10	Zygodemus
J90	Uraecium	K20	Zythia
JAO	Uredinales		
JBO	Uredinopsis	K30	All other named genera
JCO	Uredo		
JDO	Urnula		
JEO	Uromyces		
JFO	Ustulina		
JGO	Valsa		
JHO	Valsaria		
JJO	Valsella		
JKO	Vararia		
JLO	Venturia		
JMO	Vermicularia		
JNO	Verticicladiella		
JPO	Verticicladium		
JQO	Verticillium		
JRO	Volutella		
JSO	Volvaria		
JTO	Wallrothiella		

### Other Than Fungi

Q	Algae
R	Bacteria
R00	Otherwise named
R10	Unnamed
R20	Agrobacterium
R30	Aplanobacter
R40	Bacterium
R50	Bacillus
R60	Erwinia
R70	Phytomonas
R80	Pseudomonas
R90	Xanthomonas
S	Bryophyta (mosses)
S00	Otherwise named
S10	Unnamed
S20	Tillandsia
T	Loranthaceae (mistletoes)
T00	Otherwise named
T10	Unnamed
T20	Arceuthobium
T30	Phoradendron
T40	Viscum



U	Nematodes	UNO	Xiphinema
U00	Otherwise named	V	Saccharomycetaceae (yeasts)
U10	Unnamed	W	Thallophyta (lichens)
U20	Aphelenchoides	X	Other Pathogens
U30	Aphelenchus	X00	Otherwise named
U40	Belanolaimus	X10	Unnamed
U50	Cricenemoides	X20	Orobanchaceae
U60	Ditylenchus	X21	Epifagus
U70	Dolichodorus	X22	Conophilus
U80	Dorylaimus	X23	Orobanche
U90	Hemicyclophora	X30	Santalaceae
UA0	Heterodera	X31	Comandra
UB0	Hoplolaimus	X32	Geocaulon
UC0	Longidorus	X33	Pyrularia
UD0	Meloidodera	X34	Nestronia
UE0	Meloidogyne	X35	Buckleya
UF0	Pratylenchus	X40	Castilleja
UG0	Psilenchus	X50	Cuscuta
UH0	Radopholus	Y	Viruses
UJ0	Trichodorus		
UK0	Tylenchorhyncus		
UL0	Tylenchulus		
UM0	Tylenchus		

## ABSTRACTING JOURNALS

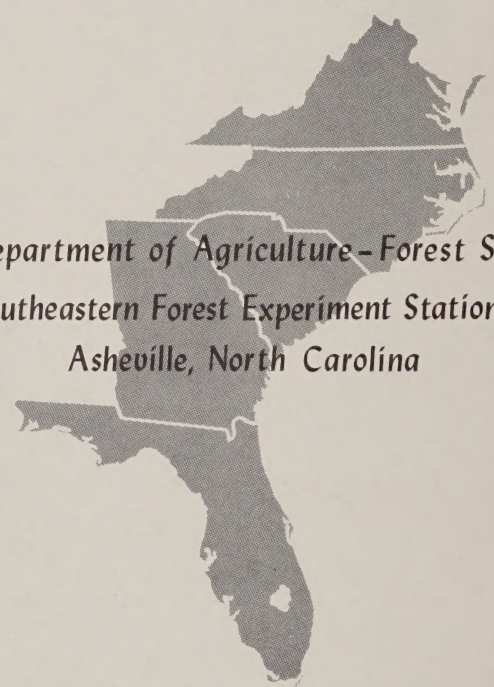
- |   |                            |   |   |
|---|----------------------------|---|---|
| 1 | Forestry Abstracts         | 3 | Biological Abstracts                        |
| 2 | Review of Applied Mycology | 4 | Air Pollution Control Association Abstracts |











U.S. Department of Agriculture - Forest Service  
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