

**RECORD**

E. W. Wood



## ACCOUNT BOOKS

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3658 - North Carolina

✓ 7 MAY 1977. JAPAN. HONSHU Pref. Shiga. En route from Ishiyama to Oiwake by way of Ushio Shrine East of Kyoto; Yamashina-ku of Kyoto City (Higashi-yama-ku). Forest of Pinus densiflora and planted Cryptomeria.  
WITH: DE Boufford, G. Murata, Ueda & M. Kato.

- 3659 *Salix alopochroa* Kimura Det. G. Murata  
3660 *Quercus serrata* Thunb.  
3661 *Lindera umbellata* Thunb.  
3662 *Cryptomeria japonica* (L.f.) D. Don planted  
3663 *Alnus pendula* Matsum. Det. TS  
3664 *Lycopodium serratum* Thunb. var. *serratum*  
3665 *Epigaea asiatica* Maxim.  
3666 *Smilax china* L. ?  
3667 *Helwingia japonica* (Thunb.) F.G. Dietr.  
3668 *Pinus densiflora* Sieb. & Zucc.

✓ 13 MAY 1977. JAPAN. HONSHU. PREF. KYOTO. Kyoto City, Yashida-yama; trail to Inari shrine. Mixed Quercus evergreen forest.

- 3669 *Corydalis incisa* (Thunb.) Pers.  
3670 *Ilex macrospora* Miq.  
3671 *Smilax china* L.  
3672 *Vaccinium smallii* A. Gray 1.7 m tall

- 3673 *Betula Alnus sieboldiana* Matsum. Det. TS  
 3674 *Ixeris dentata* (Thunb.) Nakai Fls yellow  
 3675 *Dryopteris erythrosora* (Eatoni) O. Kuntze  
 3676 *Rhododendron macrosepalum* Maxim.  
 3677 *Abelia serrata* Sieb. & Zucc.  
 3678 *Evodiopanax innovans* (Sieb. & Zucc.) Nakai

24 MAY 1977. JAPAN. HONSHU. PREF. NAGANO.

Chiisagata-gun, Sanada-cho, Kakuma Gorge.

950-1600 m. alt.

- 3679 *Euptelea polyandra* Sieb. & Zucc.  
 3680 *Sambucus racemosa* L. ssp. *sieboldiana* (Miq.) Hara  
 3681 *Salix integra* Thunb. Det. TS Shrub, 3 m  
 3682 *Helwingia japonica* (Thunb.) F.G. Dietr.  
 3683 *Zanthoxylum piperitum* DC.

Rutaceae

- 3684 *Acer japonicum* Thunb.  
 3685 *Fraxinus sieboldiana* Blume  
 3686 *Orixa japonica* Thunb.

Rutaceae

- 3687 *Kerria japonica* (L.) DC.  
 3688 *Prunus grayana* Maxim.  
 3689 *Euonymus oxyphyllus* Miq.  
 3690 *Salix serissaefolia* Kimura det. G. Murata Tree, 20-30 m  
 3691 *Rhamnus japonica* Maxim. var. <sup>*parvifolia*</sup> (Honda) Sugimoto  
 3692 *Acer carpiniifolium* Sieb. & Zucc.

- 3693 *Ribes maximowiczianum* Komarov.  
 3694 *Salix bakko* Kimura Det. TS Shrub, 4 m  
~~3695~~

25 MAY 1977. JAPAN. HONSHU. PREF. NAGANO.  
 Kurayu-yama en route from Maki to Manza  
 Pass. 1300-1900 m alt.

- ✓ 3695 *Larix kaempferi* (Lamb.) Carriere  
 3696 *Tsuga diversifolia* (Maxim.) Masters  
 3697 *Prunus* ~~sp.~~ *nipponica* Matsumura  
 3698 ~~Ebenyans~~ *Staphylea bumalda* DC.  
 3699 *Rhododendron japonicum* (A. Gray) Springer  
 3700 *Menziesia pentandra* Maxim.  
 3701 *Salix reinii* Fr. & Sav. Det. TS  
 3702 *Salix reinii* Fr. & Sav. " "  
 3703 *Morus australis* Poir.  
 3704 *Salix reinii* Fr. & Sav. " "  
 3705 *Menziesia pentandra* Maxim.  
 → 3706 *Coryaria japonica* A. Gray

25 MAY 1977. JAPAN. HONSHU. PREF. NAGANO.  
 Yamada boku-jo (pasture). 1700 m alt.

- 3707 *Rhododendron albrechtii* Maxim.

✓ 25 MAY 1977 JAPAN. HONSHU. PREF. NAGANO.  
Matsu-kawa gorge. Takayama-mura, Kami-  
takai-gun. 1000-1300 m alt.

- 3708 *Acer mono* Maxim. var. *connivers* (Nichols.) Hara  
3709 *Ulmus laciniata* (Trautv.) Mayr  
3710 *Stachyurus praecox* Sieb. et Zucc.  
3711 *Prunus*  
3712 *Salix*  
3713 *Acer carpiniifolium* Sieb. & Zucc.  
3714 *Acer japonicum* Thunb.  
3715 *Salix bakko* Kimura Det. TS  
3716 *Euonymus oxyphyllus* Miq.

✓ 27 MAY 1977. HONSHU. PREF. NIIGATA. Tsunan-  
cho. Nakawanuma-gun. Alt. ca. 500 m.

- 3717 *Daphniphyllum* <sup>macropodium</sup> Miq. subsp. *humile*  
(Maxim.) Hirusawa  
3718 *Lindera umbellata* Thunb. var. *membranacea* (Maxim.)  
Moriyama  
3719 *Euonymus alatus* (Thunb.) Sieb. f. *ciliato-dentatus*  
3720 *Juglans* <sup>mandshurica</sup> <sup>Stieb</sup> Maxim. var. *sieboldiana* (Maxim.) Makino  
(Fr. et Sav.) Hiyama  
3721 *Acer rufinerve* Sieb. et Zucc.  
3722 *Helwingia japonica* (Thunb.) F.G. Dietr.  
3723 *Broussonetia kazinoki* Sieb.  
3721 a *Lycopodium serratum* L.

26 MAY 1977. HONSHU. PREF. NAGANO. Koakayama  
at the SW foot of Naebayama. Shimominochi-  
gun. Alt. ca. 800 m.

- 4 3724 *Stachyurus praecox* Sieb. et Zucc.

26 MAY 1977. HONSHU. NAGANO PREF. Kiriake.  
Tsunami-cho. At SW foot of Mt. Naebayama  
Alt. ca. 950 m.

- 3 3725 *Viburnum ~~plieatum~~ Thunb. furcatum* Bl.

26 MAY 1977. Same as 3717.

- 1 3726 *Rubus crataegifolius* Bunge  
3 3727 *Rhododendron kaempferi* Planch.  
4 3728 *Viburnum wrightii* Miq.

26 MAY 1977. PREF. NIIGATA. Sakariguchi.  
Tsunan-cho. Nakawanuma-gun. Alt.  
ca. 500 m.

- 4 3729 *Evonymus alatus* (Thunb.) Sieb.<sup>5</sup> f. *ciliato-dentatus* (Fr. & Sav.)  
Hiyama  
1 3730 *Viburnum wrightii* Miq.  
5 3731 *Gaultheria adenothrix* (Miq.) Maxim.

27 MAY 1977. PREF. NIIGATA. Uro-tani-mura.  
Kitawanuma-gun. E foot of Mt. Kamagadake.  
Elev. ca. 500 m. Thickets & waste places.

- 3732 *Acer rufinerve* Sieb. et Zucc.

- 3733 *Alnus fauriei* Lévl. & Van. Det TS  
 3734 *Menziesia ciliicalyx* (Miquel) Maxim.  
 (Lour.) Dröce  
 3735 *Symplocos chinensis* var. *leucocarpa* (Nakai) Ohwi

28 MAY 1977. PREF. FUKUSHIMA. Sugiyama,  
 Nishiaizu-cho, Yama-gun. S. foot of Mt.  
 Iide. Alt. 400 m.

3736 *Menziesia ciliicalyx* (Miquel) Maxim.

28 MAY 1977. PREF. FUKUSHIMA. Yaheshiro.  
 Nishiaizu-cho. Yama-gun. S. foot of Mt. Iide.  
 Alt. 750 m. *Fagus crenata* forest.

3737 *Acuba japonica* Thunb. var. *borealis* Miyabe et Kudo

3738 *Skimmia japonica* Thunb.

3739 *Acer rufinerve* Sieb. & Zucc.

3740 *Viburnum plicatum* ~~Thunb.~~ *furcatum* Bl.

3741 *Rhododendron albrechtii* Maxim. fls pink-purple

3742 *Magnolia salicifolia* (Sieb. & Zucc.) Maxim.

3743 *Hamamelis japonica* Sieb. & Zucc. <sup>subsp. *abtusata*</sup> ~~var.~~

3744 *Fagus crenata* Blume (Matsumura) Sugimoto

3745 *Lindera umbellata* Thunb. var. *membranacea*

(Maxim.) Momiyama  
 3746 *Ilex leucoclada* (Maxim.) Makino

28 MAY 1977. PREF. NIIGATA. Kuriyama-zawa.



Tochio-shi. Alt. 400 m.

- 3747 *Alnus fauriei* Léx. et Var. Det TS  
3748 *Salix vulpina* Andersson Det. G. Murata

29 MAY 1977. PREF. FUKUSHIMA. Yama-gun.  
Nishiadzu-cho. (1) Vicinity of Yaheshiro.  
(2) Kuratani-zawa, alt. ca. 600 m.

- (1) 3749 *Aesculus turbinata* Bl. f. *pubescens* (Rehd.) Ohwi  
(2) 3750 *Acer japonicum* Thunb.  
3751 *Menziesia ciliicalyx* (Miq.) Maxim.  
(2) 3752 *Rhododendron kaempferi* Planchon  
(= *R. obtusum* (Lindley) Planch. var. *k.* (Planch.) Wilson)

30 MAY 1977. PREF. NIIGATA. Vicinity of  
~~Kakizaki~~, ~~Ito~~ Hijirigahana, Yoneyama,  
Kakizaki-cho, Nakakubiki-gun. ~~Quercus~~

- (5) 3753 *Eurya japonica* Thunb.  
(3) 3754 *Rhamnus davurica* Pall.  
(6) 3755 *Quercus dentata* Thunb.  
(4) 3756 *Euonymus alatus* (Thunb.) Sieb. f. *ciliato-*  
*dentatus* (Fr. & Sav.) Hiyama

31 MAY 1977. PREF. NAGANO. Vicinity of Matsumoto,  
Otari-mura, Kitaazumii-gun. Alt. 500-600 m.

- Sugimoto
- (5) 3757 *Viburnum sieboldii* Miq. var. *obovatifolium*  
 (4) 3758 *Weigela hortensis* (Sieb. & Zucc.) Koch Det TS  
 (2) 3759 *Helwingia japonica* (Thunb.) F. G. Dietr.

31 MAY 1977. PREF. NAGANO. Otsumiyama-toge,  
 N foot of Mt. Matsu-yama, Otari-mura,  
 Kitazumi-gun. Alt. 1300-1500 m.

- (1) 3760 *Menziesia pentandra* Maxim.

31 MAY 1977. PREF. NAGANO. Yu-toge, S foot  
 of Mt. Amakazari-yama, Otari-mura, Kitaa-  
 zumi-gun. Alt. 1275 m.

- (13) 3761 *Salix koriyanagi* Kimura ? Det DEB  
 (1) 3762 *Salix futura* Seemen Det TS

1 JUNE 1977. PREF. NAGANO. Kamikochi

- (2) 3763 *Chosenia arbutifolia* (Pall.) B.V. Skvortz.

2 JUNE 1977. PREF. GIFU. MT. NORIKURA. Yoshiki-  
 gun. Alt. 2700 m.

- (4) 3764 *Pinus pumila* Regel

2 JUNE 1977. PREF. GIFU. Near ■ Hirayu-toge,  
 Kamitakara-mura, Yoshiki-gun. Alt. 1000 m.

- to  
TS
- (4) 3765 *Acer carpinifolium* Sieb. & Zucc.  
(4) 3766 *Salix sachalinensis* Fr. Schm. Det TS  
(3) 3767 *Abies Cephalotaxus harringtonia* (Knight) K. Koch  
f. *drupacea* (Sieb. & Zucc.) Kitam.  
2 JUNE 1977. PREF. GIFU. Shinhadaka along  
Kushida river, Kamitakara-mura, Yoshiki-gun.  
Alt. 1200 m.

(4) 3768 *Staphylea bumalda* DC

✓  
15 JUNE 1977. PREF. KYOTO. Kyoto City.  
Yoshida-yama, just east of Kyoto University.

- B  
S
- 3769 *Rhus trichocarpa* Miqel  
3770 *Photinia glabra* (Thunb.) Maximowicz  
3771 *Alnus pendula* Matsum. Det TS  
3772 *Vaccinium japonicum* Miq.  
3773 *Viburnum*  
3774 *Pieris japonica* (Thunb.) D. Don  
3775 ~~Leucococcus~~ *Lyonia ovalifolia* (Wall.) Druce ssp. *neziki* Hara  
to 4-5 m  
3776 *Styrax japonica* Sieb. & Zucc.  
3777 *Eurya japonica* Thunb.  
3778 *Ilex pedunculosa* Miq.  
3779 *Vaccinium oldhamii* Miqel to 2 m  
3780 *Mallotus japonicus* (Thunb.) Muell. - Arg.  
3781 *Callicarpa japonica* Thunb.

3782 *Rhamnus crenata* Sieb. & Zucc.

19 JUNE 1977. PREF. KYOTO. Sakyo-ku. Kyoto City.  
Tributary of Kita-shiro-gawa River. (北白川).  
SW side of Mt. Hiei-gan. Mixed forest of  
deciduous and broad-leaved evergreen trees.

4 3783 *Vaccinium hirtum* Thunb.

Frts 5-angled, winged

4 3784 *Vaccinium japonicum* Miq.

5 3785 *Castanea crenata* Sieb. & Zucc.

5 3786 *Viburnum erosum* Thunb.

5 3787 *Castanea* <sup>*mollissima* Blume</sup>  
~~*crenata* Sieb. & Zucc.~~

7 3788 *Hydrangea hirta* (Thunb.) Sieb. & Zucc. Fls blue

5 3789 *Sapium japonicum* (Sieb. & Zucc.) Pax & Hoffm.

Milky sap

7 CHECK 3790 *Acer palmatum* Thunb.

4 3791 *Juniperus rigida* Sieb. & Zucc.

~~3792~~

✓  
24 JUNE 1977. TAIWAN # Tao Yuan  
County. Yang-mei Dairy Station, Taiwan  
Livestock Research Institute, Yang-mei.  
With C. I. Peng & C. F. Hsieh.

- 3792 *Sapium sebiferum* (L.) Roxb.  
3793 *Callicarpa formosana* Roffe  
3794 *Zanthoxylum nitidum* (Roxb.) DC.  
Lvs thorny underneath  
3795 *Symplocos paniculata* (Thunb.) Mig.  
3796 *Evodia leptota* (Spreng.) Merrill  
Rutaceae  
3797 *Melastoma candidum* D. Don  
3798 *Clerodendron cystophyllum* Turcz.  
3799 *Wikstroemia indica* C. A. Meyer  
3800 *Camellia (Thea) sinensis* (L.) Ktze.  
3801 *Trema orientalis* (L.) Blume  
3802 *Mallotus japonicus* (Thunb.) Muell.-Arg.

3803 *Acacia confusa* Merr.

3804 *Casuarina equisetifolia* L.

3805 *Breynia officinalis*

✓ 27 JUNE 1977. Taiwan. ~~Hualien~~ - Nan Tow  
Counties. Vicinity of Hohuan Tunnel,  
along Highway 8. Elev. ca. 2500 m. with  
C.F. Hsieh.

3806 *Ribes formosanum* Hayata

3807 *Deutsia taiwanensis* (Maxim.) Schneider

3808 *Gaultheria itoana* Hayata

3809 *Spiraea formosana* Hayata

Fls pink

3810 *Lonicera acuminata* Wall. in Roxb.

→ 3811 *Coriaria intermedia* Matsumura

3812 *Stranvaesia nitakayamensis* (Hayata) Hayata

3813 *Pisania lithocarpus ternaticuspula* (Hayata) Hayata

3814 *Vaccinium japonicum* Mig. var. *lasiostemon*  
Hayata

✓ 28 JUNE 1977. TAIWAN. Hualien County.  
Tayöling to Mt. Hohuan. Elev. ca.  
2500 m - 3180 m. With C.F. Hsieh.

3815 *Salix tagawana* Koidzumi?

3815a *Salix fulvopubescentis* Hayata?

3816 *Hedera rhombica* (Miq.) Bean  
var. *formosana* (Nakai) Li

3817 *Pinus taiwanensis* Hayata

3818 *Spiraea morrisonicola* Hayata

Fb pink

3819 *Juniperus formosana* Hayata

Shrub, ca 2 m tall

3820 *Viburnum dilatatum* Thunb. s.l.

Det. T.R. Dudley 1981

3821 *Eurya crenatifolia* (Yamamoto) Kobuski

3822 *Cotonaster morrisonensis* Hayata

3823 *Elaeagnus thunbergii* Sew.

3824 *Rhododendron pseudochrysanthem* Hayata

Evergreen

3825 *Sorbus randienses* (Hayata) Koidzumi

3826 *Stranvaesia mitakayamensis* (Hayata) Hayata  
Rosaceae. Small tree

3827 *Rhododendron lasiostylum* Hayata

29 JUNE 1977. TAIWAN. Hualien County.  
Hohwan Tunnel, ~~in~~ along Highway 8. Elev.  
ca. 2500 m. With C.F. Hsieh.

4 3828 *Rhododendron lasiostylum* Hayata  
*subrepilosum* Hayata

4 3829 *Pinus armandi* French, var. *misteriana* Hayata

✓ 7 JULY 1977. TAIWAN. ILAN COUNTY.  
Yuen-yang Lake Natural Reserve. Elev.  
1650 m. With M. J. Lai.

3830 *Rhododendron formosanum* Hemslery

3831 *Ardisia japonica* (Hornsted) Blume  
Ericaceae

3832 *Illicium philippinense* Merrill

3833 *Lonicera acuminata* Wall. in Royle

3834 *Skimmia japonica* Thunb.

3835 *Viburnum furcatum* Blume



- 3836 *Symplocos lucida* (Thunb.) Sieb. & Zucc.,  
 3837 *Erygia acuminata* DC.  
           *Symplocos*  
 3838 *Ternstroemia gymnanthera* (Wight & Arn.) Sprague  
 3839 *Vaccinium bracteatum* Thunb.  
 3840 *Hydrangea paniculata* Siebold  
 3841 *Viburnum taiwanianum* Hayata

1 JULY 1977. TAIWAN ILAN COUNTY.  
 Vicinity of Chi-Lan Forest Station.  
 Elev. ca. 350 m. With M.J. Lai.

- 4 3842 *Clerodendron trichotomum* Thunb.  
 4 3843 *Pouzolzia elegans* Wedd. var. *formosana* Li  
           shrub. Urticaceae  
 3 3844 *Solanum biflorum* Lour.  
           Solanaceae

8 JULY 1977. TAIWAN. ILAN COUNTY. From  
 Chi-Lan Forest Station to Yuan-yeng  
 Lake Natural Reserve. 350-1500 m.  
 With M.J. Lai.

- 3845 *Litsea cubaba* (Lour.) Pers. ?  
 3846 *Actinidia arisanensis* Hayata  
 3847 *Hydrangea scandens* (P.F.) Seringe  
 subsp. *chinensis* (Maxim.) McClintock  
 3848 ~~Rhamnus~~ *Perrottetia arisanensis* Hayata

✓ 6 JULY 1977. TAIWAN. Taipei County.  
 Meng  
 Mosha huanhu Elev. ca. 800 m.

- 3849 *Sarcandra glabra* (Thunb.) Nakai  
 3850 *Wendlandia formosana* Casan  
 3851 *Ardisia crispa* (Thunb.) DC. var. *dielsii* Walp. ex  
 3852 *Symplocos paniculata* ~~Walp. ex~~ (Thunb.) Mig.  
 3853 *Gaultheria cumingiana* Vidal  
 3854 *Mussaenda parviflora* Mig.  
 3855 *Euscaphis japonica* (Thunb.) Karst  
 3856 *Trochodendron aralioides* Sieb. & Zucc.

✓  
25 JULY 1977. JAPAN. Pref. Hyogo. Yabu-gun,  
Sekinomiya-cho. En route from Hukusada  
to the NE foot of Mt. Hyonoson. Elev. ca.  
550 m.

3857 *Actinidia polygama* (Sieb. & Zucc.) Maxim.

Fruits often infected with galls

3858 *Euptelea polyandra* Sieb. & Zucc.

3859 *Meliosma tenuis* Maxim.

3860 *Euonymus alatus* (Thunberg) Siebold

3861 *Salix gracistyla* Miq.

Det. TS

Small tree, ca. 2 m; appeared cut back

3862 *Salix sachalinensis* Fr. Schum.

Det. S. Murata

3863 *Salix gracistyla* Miq.

Det. TS

Small tree, ca. 2 m; appeared cut back

3864 *Xanthoxylum piperitum* (L.) DC.

Rutaceae

✓  
26 JULY 1977. Japan. Pref. Hyogo. Same as  
3857. Elev. ca. 600 m.

3865 *Acer japonicum* Thunberg

- 3866 *Cornus controversa* Hemslay
- 3867 *Weigela hortensis* (Sieb. & Zucc.) K. Koch
- 3868 *Salix koriyanagi* Kimura Det DEB  
sm. tree, ca. 3m.
- 3869 *Salix koriyanagi* Kimura Det DEB  
shrub, cut back, young shoots ca. 2m.
- 3870 *Viburnum dilatatum* Thunberg
- 3871 *Alnus pendula* Matsumura Det DEB  
ca. 6-7m. tall.
- 3872 *Cornus brachypoda* C.A. Meyer  
tree
- 3873 ~~*Astya*~~ *Carpinus cordata* Blume  
ca. 5m. tall.

✓ 27 July 1977 Japan: Pref. Hyogo. Same as  
3857. Elev. ca. 600-700 m.

- 3874 *Schisandra repanda* (Sieb. & Zucc.) Radlk.
- 3875 *Lindera umbellata* Thunb.
- 3876 *Viburnum*  
ca. 3 m tall

3877 *Alnus hirsuta* Turcz. var. *sibirica* (Fischer)  
Det. DEB C.K. Schn.

3878 *Daphniphyllum teijsmannii* Zoll.

3879 *Viburnum*

3880 *Ilex pedunculosa* Miq.

3881 *Hamamelis japonica* Sieb. & Zucc.

3882 *Viburnum forcatum* Bl.

3883 *Tripetalia paniculata* Sieb. & Zucc.

28 JULY 1977. JAPAN. Pref. Hyogo. SAME AS  
3857. Elev. ca. 550 m.

4 3884 *Evonymus sieboldianus* Bl.

29 JULY 1977. SAME AS 3857. Elev. ca.  
550 m.

5 3885a *Zanthoxylum schinifolium* Sieb. & Zucc.

6 3885 *Corylus sieboldiana* Blume Det DEB

✓ 29 JULY 1977. JAPAN. Pref. Hyogo. Mt. Hyonosen,  
en route from Hukusada to the summit.  
Sekinomiya-cho, Yabu-gun. Elev. 450 m-  
1510 m. With. D.E. Boufford & K. Iwatsuki.

- 3886 *Stewartia pseudocamellia* Maxim.
- 3887 ~~Daphniphyllum~~ *Ilex*
- 3888 *Acanthopanax sciadophylloides* Fr. & Sav.  
Araliaceae
- 3889 *Lindera umbellata* Thunb.
- 3890 ~~Rapras~~ *Ilex geniculata* Maxim.
- 3891 <sup>m</sup>*Skimia* *japonica* Thunb.
- 3892 *Tilia japonica* (Miq.) Simonk.
- 3893 *Tripetalea paniculata* Sieb. & Zucc.
- 3894 *Symplocos*
- 3895 *Hydrangea*
- 3896 *Tripterygium regelii* Sprague + Takeda
- 3897 *Salix sieboldiana* Blume det. G. Murata
- 3898 *Clethra barbinervis* Sieb. + Zucc.

1 AUGUST 1977. PREF. NAGANO. Mt. Nyu-gasa. Suwa-gun, Fujimi-cho. w/ T. Shimizu.

3 3899 *Fagus ~~japonica~~ crenata* Bl.

1 AUGUST 1977. PREF. NAGANO. Hiraoka, Fujimi-cho, Suwa-gun. Roadside. w/ T. Shimizu

3 3900 *Hyphear tanakae* (Fr. + Sav.) Hosokawa  
Parasitic on *Zelkova serrata*  
1 AUGUST 1977 PREF. NAGANO.

4 3901 *Lindera obtusiloba* Bl.

✓ 17 AUGUST 1977. HOKKAIDO. Roadside; Rte. 36, 13.5 mi ENE of Tomakomai. Between Chitose & Tomakomai.

3902 *Betula platyphylla* Sukatschev  
var. *japonica* (Miq.) Hara

3903 *Spiraea salicifolia* L.

Fls pink

3904 *Salix integra* Thunberg Det DEB

3905 *Lespedeza bicolor* Turcz.

Fb pink to purple

3906 *Alnus japonica* (Thunb.) Steudel

Det DEB

✓ 19 AUGUST 1977. HOKKAIDO. Prov. Hidaka.

Shizunai-cho. Ca. 14 km ENE of Shizunai, off Highway  
235 Mixed deciduous streamside forest on  
tributary of the Shizunai River.

3907 *Salix vorida* Locksch. Det. G. Murata

Ca. 4 m tall. Shrub or small tree

3908 *Actinidia polygama* (Sieb. & Zucc.) Maxim.

3909 *Staphylea bumalda* (Thunb.) DC.

3910 *Viburnum dilatatum* Thunb.

3911 *Stephanandra incisa* (Thunb.) Zabel.

Rosaceae

✓ 20 AUGUST 1977. HOKKAIDO. Prov. Hidaka.

Mixed deciduous streamside forest; 8 km N of  
Highway 236 at Samani. Samani-cho,  
Samani-gun, Okada.

3912 *Alnus hirsuta* Turcz.

Det. DEB

Tree



3913 *Salix petersii* Kimura Det DEB

5m tree, 4-5 m. Lvs. silky beneath

3914 *Salix hultenii* Floderus Det DEB

5m tree. Lvs pubescent, whitish beneath

3915 ~~Salix~~ *Salix gracistyla* Miq. Det DEB

shrub. Lvs silky beneath

3915a *Celastrus orbiculatus* Thunb.

22 August 1977. Hokkaido. Prov. Tokachi.

Urahoro-cho. 10.2 km west of Tokachikobetsu on Highway 38. streamside forest of Acer, Ulmus, Fraxinus & Salix.

3916 *Salix hultenii* Floderus Det DEB

Tree.

22 August 1977. HOKKAIDO. PROV

8 3917 ~~Salix~~ !

Rosaceae?

22 August 1977 HOKKAIDO. PROV. Tokachi.

Between Urahoro and Toyokoro on Highway 38.

8 3918 *Alnus japonica* (Thunberg) Steudel

✓ 25 AUGUST 1977. HOKKAIDO. PROV. Abashiri.  
streamside forest; near the <sup>W side</sup> north entrance  
to Akan National Park along Highway 240.  
Along the Abashiri River.

3919 *Acanthopanax senticosus* (Rupr. + Maxim.) Harms

3920 *Acer japonicum* Thunb.

3921 *Acer ukurundense* Trautv. + Mey.

3922 *Elonymus macropterus* Rupr.

3923 *Acer palmatum* Thunb.

3924 *Sorbaria sorbifolia* L. var. *stellipila* Maxim.

3925 *Actinidia* ? *kolomikta* (Rupr. + Maxim.) Maxim.

25 AUGUST 1977. HOKKAIDO. PROV.  
Roadside; Akan National Park

♫ 3926 *Tilia japonica* (Miq.) Simonk.

26 AUGUST 1977. HOKKAIDO. PROV. Abashiri. Abashiri-  
gun, Tsubetsu-cho. Lake Chimikeppu. SW of Tsubetsu, W of Honki.  
5 3926 a *Acer palmatum* Thunb. NW end of lake.

27 AUGUST 1977. HOKKAIDO. PROV. ABASHIRI  
Mombetsu City. Mt. Ōyama (Mombetsu-  
yama).

3 3927 *Schizandra chinensis* (Turcz.) H. Baill.

27 AUGUST 1977. HOKKAIDO. PROV. ABASHIRI.  
Yubetsu<sup>SU</sup>-cho. 1.6 km east of Engaru-cho  
along Highway 147. Mixed deciduous  
streamside forest of *Cercidiphyllum*,  
*Acer*, *Ulmus*, *Juglans*.

4 3928 *Cornus*

5m tree, ca 10 m tall

11 3929 *Cercidiphyllum japonicum* Sieb. & Zucc.

27 AUGUST 1977. HOKKAIDO. PROV.

Tokotan. Just <sup>south</sup> east of Mt. Horoiwa along Highway  
238. Swamp, southwest of Lake Saroma.

6 3930 *Quercus mongolica* Fischer ex Forez, Ledebour

7 3931 *Populus sieboldii* Mig.

✓ 28 AUGUST 1977. HOKKAIDO. PROV. ABASHIRI.  
Okoppe-cho.

15.9 km northeast of Nishiokoppe along

Highway 239. Riverside Forest along  
the Okoppe River.

3932 *Acer mono* Maxim.

3933 *Salix petsusu* Kimura Det. DEB

5m tree, ca 6 m tall. Lvs silky pubescent beneath

3934 *Salix gracistyla* Miq. Det. DEB

5m tree, ca 6 m tall. Lvs silky pubescent beneath

3935 *Populus maximowiczii* Henry det. DEB

Tree, 6-12 m tall

3936 *Salix petsusu* Kimura Det. G. Murata

5m tree, ca 6 m tall. Lvs silky beneath

3937 *Salix sachalinensis* Fr. Schum. Det. G. Murata

5m tree. Lvs glaucous beneath

28 AUGUST 1977. HOKKAIDO. PROV. Abashiri.  
Highway 239 at the Sekohashi Bridge,  
along the Okoppe River. Streamside forest.

10 3938 *Salix*  
(*Toisusu urbaniana* (Seemen) Kimura Det. DEB

29 AUGUST 1977. HOKKAIDO. PROV. Rumoi.  
Horonobe-cho. Hokkaido University Experimental Forest  
at Toikambetsu.

- 3 3939 *Acer mono* Maxim.
- 4 3940 *Alnus maximowiczii* Callier Det. DEB  
Over serpentinitic soils
- 2 3941 *Ledum palustre* L. var. *diversipilosum* Nakai

31 AUGUST 1977. HOKKAIDO. PROV. <sup>KAWAKAMI</sup> ~~SHIRAYAMA~~.  
 Otaineppu-mura ~~Yakussoni-cho~~. HIGHWAY 40 just WNW of Osashima,  
 at the border of Nakagawa-cho  
 and Otaineppu-mura.

Mixed deciduous streamside forest of  
Cercidiphyllum, Alnus, Acer, Quercus,  
Tilia

- 2 3942 *Cercidiphyllum japonicum* Sieb. + Zucc.
- 6 3943 *Tilia japonica* (Miq.) Simank.
- 9 3944 *Alnus maximowiczii* Callier Det. DEB  
 (= *A. viridis* (Villars) Lam. & DC <sup>ssp.</sup> ~~≠~~ m. (Callier) Huften)

W edge of Shibetsu  
 City. 6 km east of Soeushimai. Temporary  
 Game Preserve of Hokkaido. Elev. ca. 280 m.  
 Mixed forest of conifers, Betula, Quercus,  
Acer, Alnus, etc.

Corylus sieboldiana Blume

3948 *Acer japonicum* Thunb.

3949 *Platanus platyphylla* Sukatschev  
var. *japonica* (Miq.) Hara

3949 *Alnus hirsuta* Turcz.

3950 *Quercus mongolica* Fisch. var. *grosseserrata*  
(Bl.) Rehd. + Wils.

1 SEPT. 1977. HOKKAIDO. PROV. RUMOI  
Roadside; en route from <sup>Shaguma</sup> ~~Shakoma~~  
Hokuryu on Highway 863.

3951 *Betula maximowicziana* Regel

2 SEPT. 1977. HOKKAIDO. PROV. SORACHI.  
Ashibetsu-city. Along the <sup>Hochigatsu</sup> ~~Ashibetsu~~ River, (tributary of the Ashibetsu R.)  
off Highway 738,  
ca. 25 km south of Highway 38. South of  
Ashibetsu

3952 *Evonymus oxphyllus* Miq.

3953 *Maackia amurensis* Rupr. + Maxim.  
var. *buergeri* (Maxim.) C.K. Schn.

3954 ~~Astrya~~ *Carpinus cordata* Bl.

5 SEPT. 1977. HOKKAIDO. PROV. Ishikari. Sapporo  
City - N<sup>side</sup> of Mt. Teine, elev. ca. 10-150 m.

3955 Salix

3956 Piceasma quassioides (D. Don) Benn.

3957 Salix matsudana Koidzumi cv. tortuosa

3958 Salix

3959 Clerodendron ~~um~~<sup>off</sup> trichotomum Thunb.

8 SEPT. 1977. JAPAN. HONSHU. Pref. Miyagi.  
Mt. Fubō, Namari-zawa. Alt. ca. 850 m.  
Mixed deciduous streamside forest.

2 3960 Salix

1 3961 Quercus mongolica Fisch. var. grosseserrata (Bl.) Rehd. + Wils.

5 3962 Quercus serrata Thunb.

9 SEPT. 1977. JAPAN. HONSHU. PREF. YAMAGATA.  
Higashine City. Makino, en route to Kurotaki. 0.2 km  
W of Highway 48 on road to Higashine, then  
NE on small road to Kuro-taki for 53-57  
km. Roadside.

7 3963 *Alnus fawcraei* Lévl.

4 3964 *Boehmeria nivea* (L.) Gaud. subsp.  
*nipponnivea* (Koidz.) Kitamura  
10 SEPT. 1977. JAPAN. PREF. Miyagi, Matsushima-cho  
Tomiyama

8 3965 *Buckleya lanceolata* (Sieb. & Zucc.) Miq.

2 3966 *Circaea mollis* Sieb. & Zucc.

11 SEPT. 1977. JAPAN. HONSHU. PREF. MIYAGI.  
Matsushima-cho. W side of Mt. Otakamori  
ca. 3 m alt. Mixed broad-leaved forest.

6 3967 *Styrax japonica* Sieb. + Zucc.

1 3968 *Tricyrtis*



✓  
11-12 August 1977. HONSHU. PREF. NAGANO.  
En route from Mt. Jonen <sup>(2760 m)</sup> to Mt. Chō-ga-dake, to  
Mitsumata (1500 m) (2,650 m)

3969 Sorbus sambucifolia (Cham. + Schlttdl.)  
Roem.

3970 Sorbus matsumurana (Makino) Koehne

3971 Salix

3972 Prunus nipponica Matsum.

3973 Phyllodoce aleutica (Spreng.) A. Heller

3974 Betula ermanii Cham.

3975 Alnus

3976 Vaccinium smallii A. Gray

3977 Viburnum

3978 Ilex <sup>Creeping</sup> rugosa F. Schmidt.

3979 Gaultheria miqueliana Takeda

3980 *Tripetalea bracteata* Maxim.

3981 *Phyllodoce nipponica* Makino

3982 *Acer tschonoskii* Maxim.

3983 *Ilex crenata* Thunb.  
(*eglantular*)

3984 *Lonicera tschonoskii* Maxim.

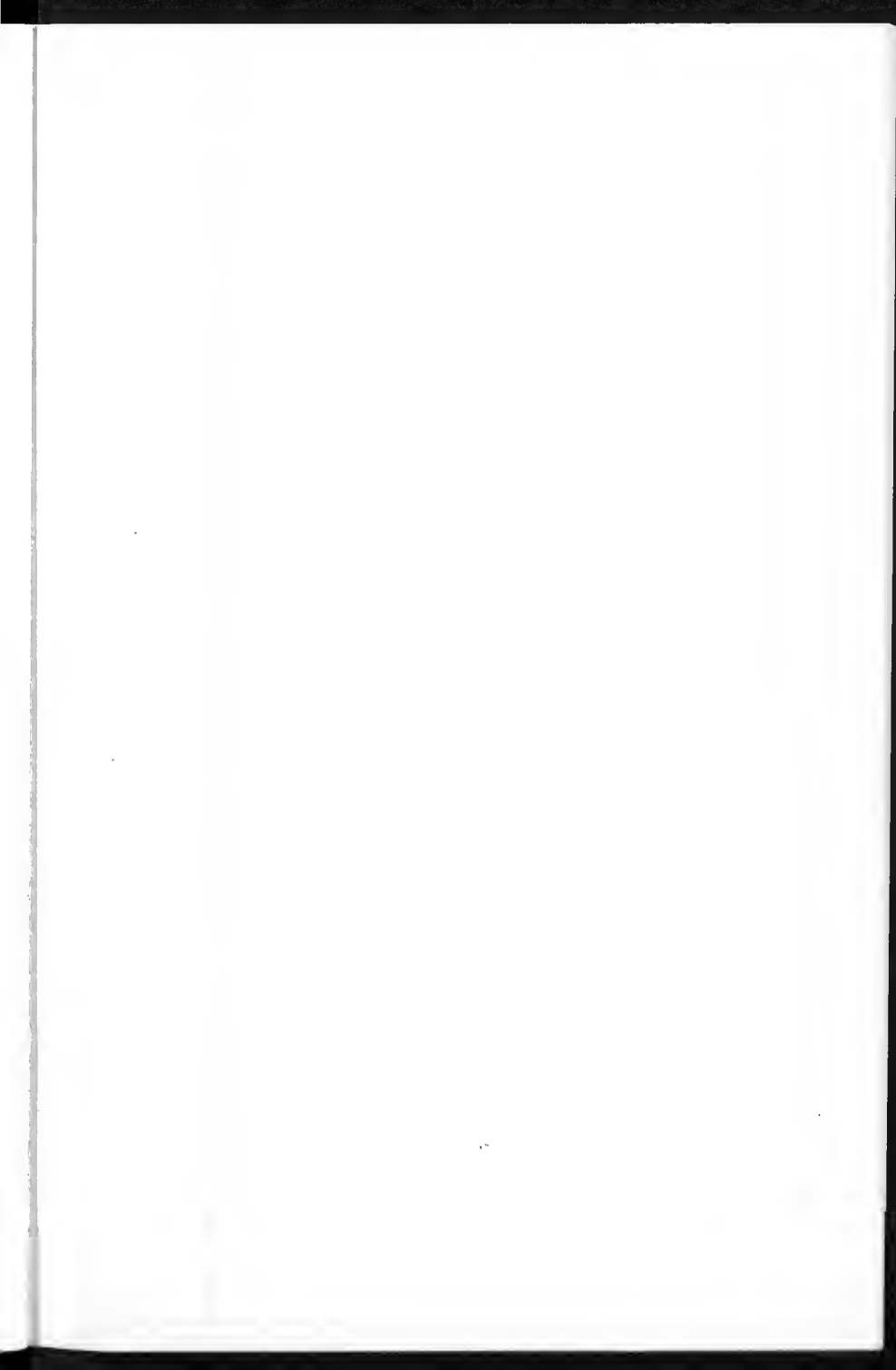
3985 *Salix*

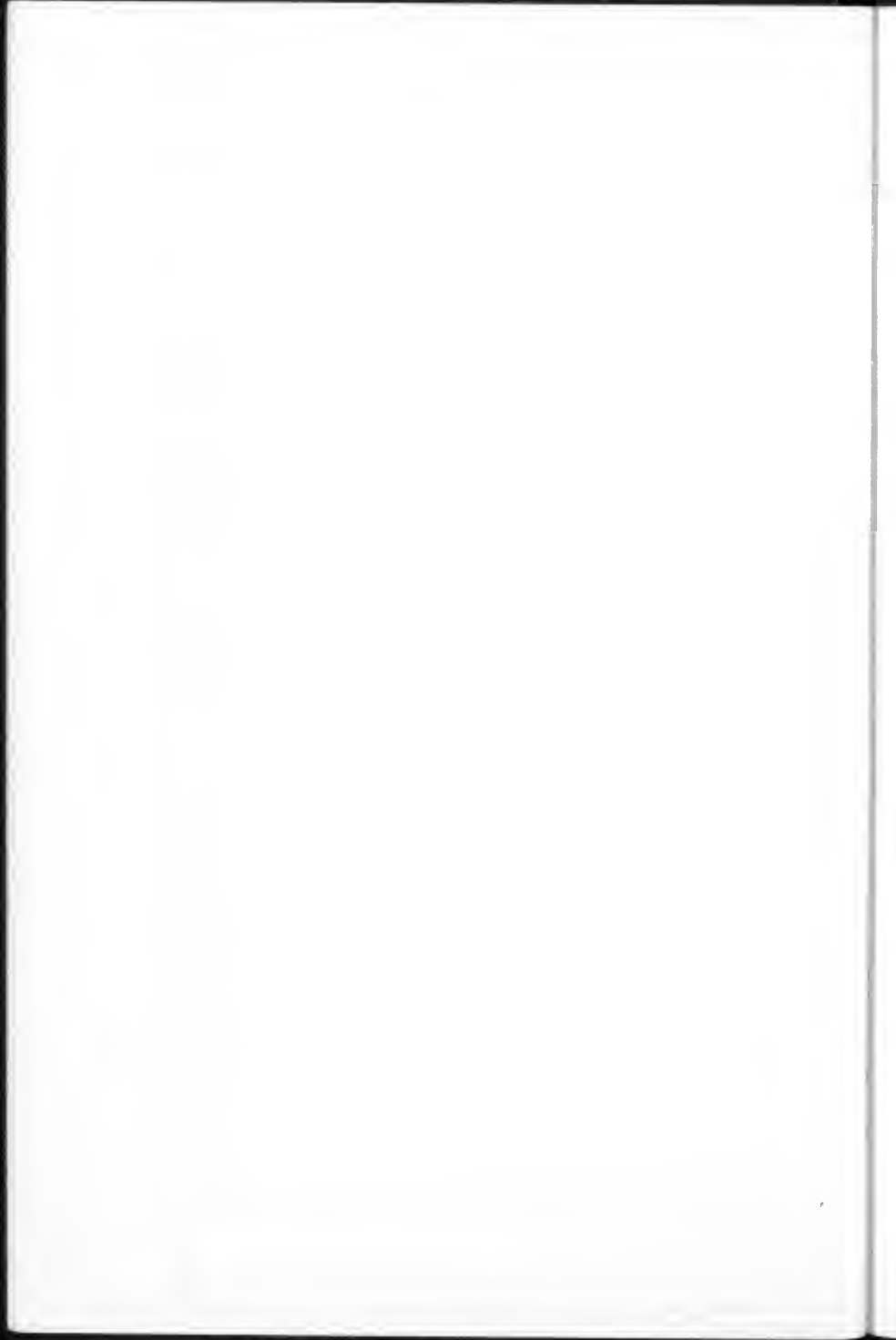
3986 *Euonymus planipes* (Koehne) Koehne

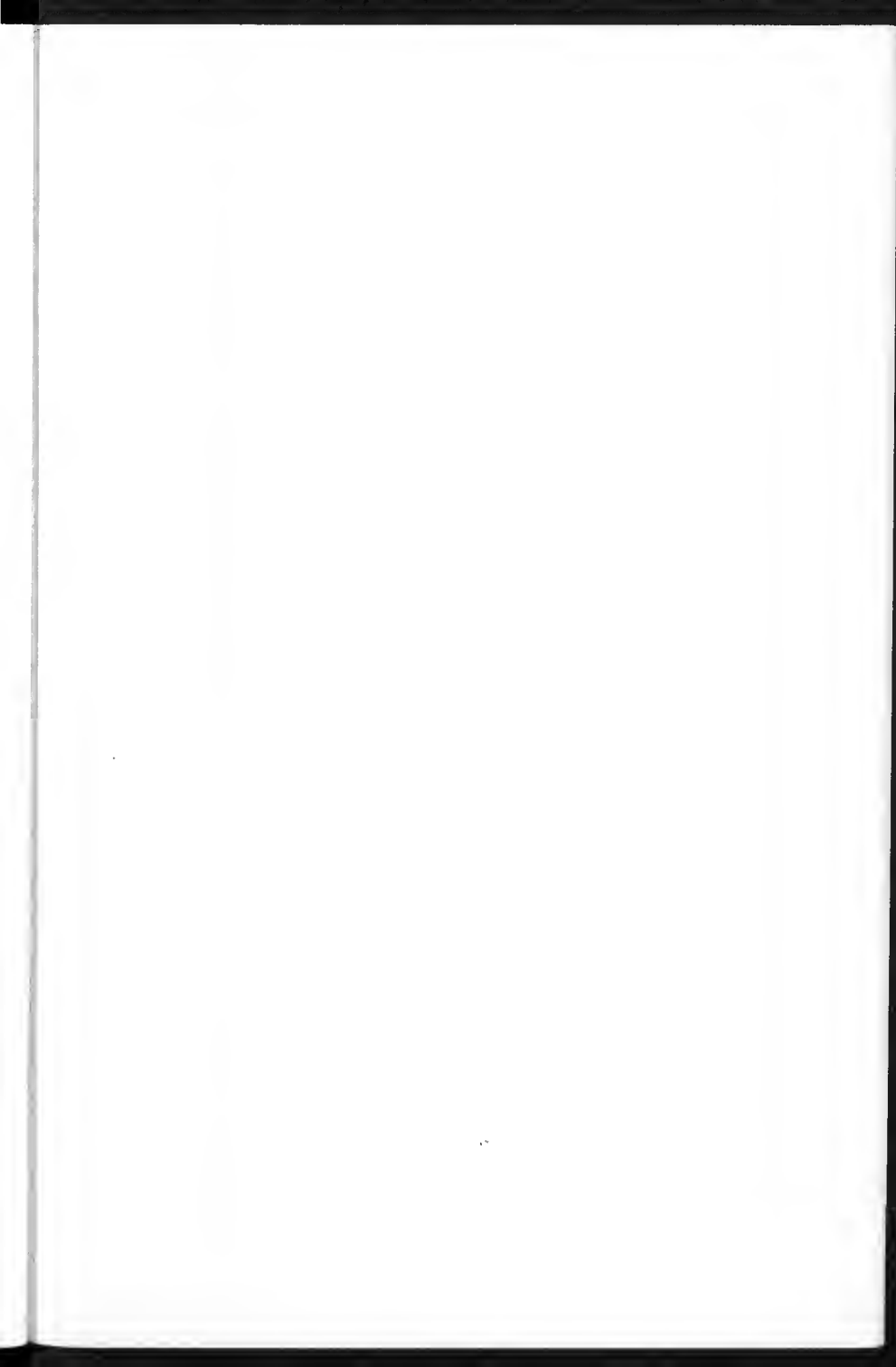
3987 *Leucothoe grayana* Maxim.  
var. *oblongifolia* (Miq.) Ohwi

3988 *Vaccinium ovalifolium* J.E. Smith

3989 *Salix*









26 April 1979. Grayson Co., VA. U.S. rte 21, 4.2 mi N  
of U.S. route 58 (in Independence, Va.)  
Wet rock face and moist slope below.  
Elevation ca 3000 ft. (900 m.)

3990 *Umbilicaria*

on wet rock face

3991

(moss) Moist to wet slope

27 April 1979. Watauga Co., NC Rich Mountain N of  
Boone.  $36^{\circ} 14' N$ ,  $81^{\circ} 43' W$ . Rich  
mixed hardwood slope. Elev ca 3000.

3992

thallose lichen

3993

moss - on rock

28 April 1979. Halifax Co., VA. U.S. Rte. 501 at the  
Roanoke (Staunton) River, at the Hali-  
fax Co. - Campbell Co. line. Alluvial flood-  
plain and adjacent hardwood slope  
on the W side of the highway.

(?) 3994 *Asimina triloba* (L.) Dunal.

3995 *Aesculus octandra* Marshall  
Tree, ~ 9-10" DBH

9 3996 *Acer negundo* L.

3996-a *Staphylea trifolia* L.

(24)

29 April 1979. Stanly Co., NC. Off NC rte. 49, 0.1 mi N  
on Co. Rd. 1502, then 0.9 mi ENE of  
Co. Rd. 1505. Just E of Richfield, NC.

Disturbed area, stream edge and adjacent  
recently logged pine-oak slope.

3 3997 *Comandra umbellata* (L.) Nuttall

3 3998 *Amsonia tobernaemontana* Walt.

3 3999 *Amorpha schwerini* Schneider

15 4000 *Viburnum rufidulum* Raf.

30 April 1979. Emanuel Co., GA. U.S. route 1, (1.2 mi) N  
of Interstate 16. N of Oak Park. Low, wet  
drainage ditch and adjacent shrub  
border: turkey oak - longleaf pine  
woods.



- 3 4001 *Pinus palustris* Miller
- 5 4002 *Quercus laevis* Walt.
- 3 4003 *Stillingia sylvatica* Garden
- 8 4004 *Lycnia lucida* (Lam.) K. Koch
- 6 4005 *Gaylussacia frondosa* (L.) T. & G.  
var. *tomentosa* Gray
- 3 4006 *Vaccinium corymbosum* (Gray) Porter <sup>Det</sup> DEB
- 1 4007 *Leucothoe racemosa* (L.) Gray
- 1 4008 *Sorbus arbutifolia* (L.) Heyn. var.  
*arbutifolia*
- 1 4009 *Gaylussacia dumosa* (Andrz.) T. & G.

✓ 30 April '79. EMANUEL Co., GA. U.S. route 1 at  
(21) the Ochopee River; s side of the  
river. Road along bottomland forest.

4010 *Viburnum obovatum* Walt.

+ 4011 *Vaccinium elliotii* Chapman

4012 *Amarpha*

2 4013 *Rhododendron canescens* (Michx.) Sweet

2 4014 *Wisteria frutescens* (L.) Poir.

3 4015 *Styrax americana* Lam.

⑤ 2 MAY 1979. ALACHUA Co., FLA. Woods adjacent to Diamond Village Apts., off US Rte. 441 in Gainesville.

5 4016 *Cinnamomum camphora* (L.) Nees & Ebermaier

⑤ 2 MAY 1979. ALACHUA Co., FLA. 0.8 mi W of Fla. State Rte. 232 on State Rte. 26. Swamp forest edge.

5 4017 *Itea virginica* L.

③ ✓ 2 MAY 1979. ALACHUA Co., FLA. Jct. of  
Co. Rd. 325 and State Rte. 26.  
Margin of Pinus - Serenoa flatwoods.

3 4018 *Vaccinium myrsinites* Lam.

2-3 dm tall

2 4019 *Asimina* x *nashii* Kral (A. <sup>Det. DEB</sup>*incarna* x  
2-3 dm tall *A. longifolia*)

2 4020 *Ilex glabra* (L.) Gray

1 4021 *Lyonia ferruginea* (Walt.) Nutt.

⑥ ✓ 2 MAY 1979. Putnam Co., Fla. <sup>1.4 mi</sup> 0.9 mi  
W of State Rte. 21 on State Rte. 20.  
Oak-pine flatwoods.

5 4022 *Vaccinium arboreum* Marshall

3 4023 *Smilax lowrifolia* L.

2 4024 *Stillingia sylvatica* L.

⑩ ✓ 2 MAY 1979. PUTNAM Co., FLA. <sup>1.7 mi</sup> 6.7 mi.  
E of State Rte. 21 on State Rte. 20,  
at the edge of the town of Inter-  
lachen. Turkey oak- Ceratiola flatwoods.

- 7 4025 *Ceratiola ericoides* Michx.
- 3 4026 *Asimina incarnata* (Bartram) Exell  
(= *A. speciosa* Nash sensu Kral) Det. DEB  
(12) 3 MAY 1979. FRANKLIN Co., FLA.  
Apalachicola National Forest. 1.8 mi S of  
the Liberty Co. line on State Rt. 65,  
S of Sumatra. Edge of moist sandy  
depression and adjacent flatwoods.
- 1 4027 *Gaylussacia mosieri* Small
- 5 4028 *Nyssa ursina* Small
- 4 4029 *Cliftonia monophylla* (Lam.) Sarg.
- 2 4030 *Asimina longifolia* Kral
- (7) 3 MAY 1979. LIBERTY Co., FLA. <sup>7.0 i.</sup> 4.9  
mi N of SR 65 on State Rt. 12.  
Fire-maintained savannah.
- 3 4031 *Gaylussacia mosieri* Small  
3 dm high
- 4 4032 *Gaylussacia mosieri* Small  
0.5 m tall ?

(32)

4 MAY 1979

12.3 km  
 GULF Co., FLA. (7.7 mi) N of Fla.  
 Co. Rd. C-387, <sup>on Fla. Rte 71</sup> North of White City.  
 Newly cleared field, adjacent swamp  
 forest, and burned-over pine  
 savannah.

EB

- 10 4033 *Stillingia aquatica* Chapm.  
SF
- 5 4034 *Conradina canescens* (T. & G.) A. Gray  
Mint - PS
- 4 4035 *Sorbus arbutifolia* (L.) Heyn. var  
SF *arbutifolia*
- 5 4036 *Ilex glabra* (L.) Gray
- 8 4037 *Hypericum fasciculatum* Lam.  
< 1 m tall (0.4-0.8 m) PS

(2) 4 MAY 1979. GULF Co., FLA. West Arm  
 Creek at Fla. Rte. 71. N side of  
 the town of Wewahitchka, <sup>7.5 km</sup> 4.9 mi  
 S of the Calhoun Co. line. Swamp  
 forest edge.

- 3 4038 *Nyssa ogeche* Marshall  
staminate plant
- 4 4039 *Nyssa ogeche* Marshall  
Pistillate plant

- 5 4040 *Daubentonia punicea* (Cav.) DC.  
Fls. brilliant orange-red

(18) ✓ 4 MAY 1979 CALHOUN Co., FLA. Fla.  
Rte. 71, <sup>10.4 km</sup> (6.5 mi) N of the Gulf Co.  
line, at swamp drainage pipe. Swamp  
forest margin.

- 4 4041 *Vaccinium elliottii* Chapman  
~ 2 m tall

- 4 4042 *Lupinus ferruginea* (Walt.) Nutt.

- 1 4043 *Diospyros virginiana* L.

- 4 4044 *Nyssa ogeche* Marshall  
Staminate plant Tree to 30-40 ft.

- 5 4045 *Nyssa ogeche* Marshall  
Pistillate plant

(23) ✓ 4 MAY 1979. LIBERTY Co., FLA. <sup>1.3 km</sup> (1.1 mi)  
N of Fla. Rte. 12 on Co. Rd. C-271.  
Turkey oak-pine woods, dry and  
mesic hammocks.

- 10 4046 *Sebastiania ligustrina* (Michx.) Muell. Arg.

- 8 4047 *Itea virginica* L.
- 5 4048 *Conradina glabra* Shinnery det. DEB  
Mint - Fls pale purple

(15) 5 MAY 1979. CALHOUN Co., FLA. Fla. Rte.  
20, 1.9 mi E of Fla. Rte. 275 and <sup>0.7 km</sup> 3.3  
mi E of the Chipola River. E of Clarks-  
ville. *Nyssa sylvatica* var. *biflora*-  
*Taxodium ascendens* swamp.

- 1 4049  
Lichen
- 2 4050 *Ilex cassine* L. var. *myrtifolia* (Walt.) Sarg.  
2-3 m tall
- 3 4051 *Stillingia aquatica* Chapm.
- 4 4052 *Nyssa sylvatica* Marsh. var. *biflora*  
(Walt.) Sargent
- 5 4053 *Pteris phillyreifolia* (Hooker) DC

(26) 5 MAY 1979. CALHOUN Co., FLA. Fla.  
Rte. 73 at Ten Mile Creek, <sup>5.4 km</sup> (3.4 mi) S  
of Fla. Rte. 274. Streamside forest  
and adjacent turkey oak-pine woods.

- 5 4054 Gaylussacia dumosa (Andrz.) T. & G.
- 3 4055 Cliftonia monophylla (Lam.) Sarg.
- 4 4056 Amelanchier arborea (Michx.f.) Fern det DEB
- 4 4057 ~~S~~ Sebastiania ligustrina (Michx.)  
Muell-Arg.
- 4 4058 Vaccinium arboreum
- 1 4059 Magnolia grandiflora L.
- 2 4060 Leucothoe racemosa (L.) Gray
- 1 4061 Nyssa ogeche Marshall
- 2 4062 Vaccinium myrsinites Lam.  
2-3 dm tall
- 4063  
Moss
- 4064  
Moss
- 3 4065 Kalmia latifolia L.



(12) ✓

6 MAY 1979. RUSSELL Co., ALA. Ab.  
Rte. 165 immediately N of Russell Co.  
Rte. 12. S of Cottonton. Mesic  
hardwood slope of Fagus - Liriodendron - Quercus and adjacent  
stream edge.

EB

- 4 4066 *Rhododendron canescens* (Michx.) Sweet  
Sweet smelling
- 6 4067 *Evonymus americanus* L.
- 1 4068 *Lonicera sempervirens* L.
- 1 4069 *Asimina parviflora* (Michx.) Donal  
1 m tall

(15) ✓

6 MAY 1979. CLAY Co., GA. 1.9 km  
S of the Quitman Co. line on Ga.  
Rte. 39. North of George T. Bagby  
State Park. Low field and adjacent  
woodland margin.

- 6 4070 *Lonicera japonica* Thunb.
- 9 4071 *Myrica cerifera* L. var. *cerifera*

- S of Fort Gaines
- ⑪ ✓ 6 MAY 1979. CLAY Co., GA. Ga. Rte.  
39 at Kolomoki Creek. Mixed pine-  
hardwood forest of coastal plain  
and piedmont elements.
- 4 4072 *Alnus serrulata* (Art.) Willd.
- 5 4073 *Vaccinium arboreum* Marshall
- ⑫ ✓ 7 MAY 1979. HARALSON Co., GA. US Rte  
27 at the Tallapoosa River N of  
Buchanan. Riverside forest.
- 4 4074 *Liriodendron tulipifera* L.
- 1 4075 *Amelanchier arborea* (Michx.f.) Fern.  
var. *arborea*
- 3 4076 *Leucothoe racemosa* (L.) Gray
- ⑬ ✓ 7 MAY 1979. HARALSON Co., GA.  
2.4 km (1.5 mi) off US Rte 27 at the  
Tallapoosa River on unmarked dirt  
road. N of Buchanan, <sup>4.3 km</sup> 2.7 mi S  
of the Polk Co. line. Cut-over mixed  
oak-pine forest (*Q. falcata*, *Q. coccinea*,  
*Q. stellata*). Shrub layer of *Vaccinium*  
*vacillans* & *Nestronia*.

4 4077 *Rhododendron conescens* (Michx.) Sweet

14 4078 *Nestronia umbellula* Raf.

3 4079 *Vaccinium vacillans* Torr.

2 4080 *Vaccinium stamineum* L. var.  
*melanocarpum* Mohr.

(12) ✓ 7 MAY 1979. FLOYD Co., GA. Old road bed adjoining US Rte. 27, 1.3 mi S of the Chattooga Co. line. N of Rome. Wet cliff face and rocky slope.

4 4081 *Kalmia latifolia* L.

6 4082 *Evonymus americanus* L.

2 4083 *Acer saccharum* Marshall ssp. *saccharum*

(C) ✓ 7 MAY 1979. DEKALB Co., ALA. 2.6 mi N of Co. Rd. 89 (road to DeSoto State Park) on unmarked road. E. of Fort Payne. Quercus-Pinus forest in shrubby understory.

6 4084 *Chionanthus virginicus* L.

(27) ✓

8 MAY 1979. DEKALB Co., ALA. Yellow  
Creek, <sup>1.5 km</sup> 0.3 mi N of Ala. Rte. 35 on  
dirt road extension of Ala. Dekalb  
Co. Rd. 78 (road to Adamsburg). E  
of Fort Payne. Rock outcrop.

- 5 4085 *Pinus virginiana* Miller  
2 4086 ~~*Alseodendron*~~ <sup>*Bignonia*</sup> *capreolata* L.  
10 4087 *Chionanthus virginicus* L.  
5 4088 *Amelanchier arborea* (Michx. f.) Fern. var.  
*arborea*  
4 4089 *Crataegus viridis* L.

(14) ✓

8 MAY 1979. JACKSON Co., ALA. 2.0 mi E  
of Ala. Rte. 71 on Ala. Rte. 40. W of  
Henagar. Bottomland forest (*Nyssa*-  
*Liriodendron* - *Liquidambar*) and  
adjacent field.

- 4 4090 *Sorbus arbutifolia* (L.) Heyn. var. *arbuti-*  
*folia*  
10 4091 *Styrax americana* Lam.

- ⑤ 9 MAY 1979. MURRAY Co., GA. Ga. Rte.  
52 - US Rte. 76 at Murray Co. milepost 9.  
E of Chatsworth, 5.0 mi W of road to  
Fort Mountain State Park. Chattahoochee  
National Forest. Dry hardwood slope.

~~4092~~ ~~Nyssa~~ VOID

- 1 ~~4093~~ ~~Vaccinium~~  
4093 ~~Vaccinium~~ cetracolum (Gray) Porter
- 4 4094 Cornus florida L.

- ②1 v 9 MAY 1979. GILMER Co., GA. (1.2 mi) S  
1.9 km  
of Mulberry Gap (at the Mulberry Co.  
line) on Forest Service Rd. 18.  
Slope and streamside forest along  
Little Conasauga Creek.

- 5 4095 Calycanthus floridus L. var. floridus
- 7 4096 Pyrolaria pubera Michx.
- 1 4097 Xanthorrhiza simplicissima Marshall

- ? 9 MAY 1979. MURRAY Co., GA. 0.5 mi  
NW of the Gilmer Co. line on Forest  
Service Road 18.

4098 *Vaccinium staminum* L. var. *melanocarpum* Mohr.

4099 ~~♂~~ *Morus alba* ~~alba~~ *rubra* L.

(18)

9 MAY 1979. MURRAY Co., GA. 2.0 mi  
WNW of the Gilmer Co. line on FS  
Rd. 18.

5 4100 *Viburnum dentatum* ~~dentatum~~ *acerifolium* L.

2 4101 *Calycanthus floridus* L. var. *floridus*

5 4102 *Pyrolaria pubera* Michx.

9 MAY 1979. MURRAY Co., GA. 0.7 mi  
E of Holly Creek on Forest Service Rd.  
18. Rocky slope.

1 4103 *Rhododendron minus* Michx.

(34)

9 MAY 1979. <sup>MURRAY Co., GA.</sup> 5.3 mi E of US Rte. 411  
on Ga. Rte. 2 (Forest Service Rd. 16).  
E of Cisco. Dry mixed oak-pine  
woods.

- 4 4104 *Rhododendron nudiflorum* (L.) Torr.
- 3 4105 *Sorbus arbutifolia* (L.) Heyn. var.  
*arbutifolia*
- 2 4106 ~~*Leucothoe racemosa*~~ (L.) Gray  
*Lynnia ligustrina*
- 1 4107 *Vaccinium stamineum* L. var. *stamineum*
- 2 4108 *Gaylussacia baccata* (Wang.) K. Koch
- 1 4109 *Vaccinium constablaei* Gray
- 14 4110 *Vaccinium hirsutum* Buckley
- 1 4111 *Cypripedium acaule* Aiton
- 3 4112 *Magnolia* <sup>*tripetala*</sup> ~~*acuminata*~~ L.
- 4 4113 *Calycanthus floridus* L. var. *floridus*

10 MAY 1979 MURRAY Co., GA. 4.7  
mi E of US Rte. 411 on Co. Rd. ~~6.5~~  
165 (road to Crandall), then 3.7 mi  
on Forest Service Rd. 630 (Mill  
Creek). Cohutta Wildlife Management  
Area, Chattahoochee National Forest.

⑥ 9 MAY 1979. MURRAY Co., GA. 7.6 mi  
E of US Rte 411 on Ga. Rte. 2  
(Forest Service Rd. 16). E of Cisco.  
Mixed hardwood <sup>N-facing</sup> slope.

4 4114 *Lindera benzoin* (L.) Blume

2 4115 *Asimina triloba* (L.) Dunal

⑭ 10 MAY 1979. MURRAY Co., GA. <sup>0.5</sup>~~4~~ mi  
E ~~off~~ of US Rte. 411 on Co. Rd. 165  
(road to Crandall), then 4.7 mi  
on FS Rd. 630 (Mill Creek). Cohutta  
Wildlife Management Area. Chattahoo-  
chee National Forest.

13 4116 *Rhododendron minus* Michx.

③ 10 MAY 1979. MURRAY Co., GA. 0.5 mi  
E of US Rte. 411 on Co. Rd. 165  
(road to Crandall), then 7.0  
mi on For. Ser. Rd. 630 (Mill  
Creek). CWMA, CNF.

3 4117 *Magnolia fraseri* Walt.



⑫ 10 MAY 1979. (Same as direct opposite,  
prev. pg.)

2 4118 *Aesculus*

large tree; (<sup>DB says no</sup> possibly planted)

4 4119 *Evonymus americanus* L.

3 4120 *Cercis canadensis* L.

4121 *Carpinus caroliniana* Walt.

4122 *Rhamnus caroliniana* Walt.

3 4123 *Viburnum dentatum acerifolium* L.

~~4124 *Calycanthus*~~

⑬ 10 MAY 1979. Polk Co., TENN. 2.2 mi  
~~mi~~ NW of the Ga. state line on  
Forest Service Rd. 16. Cherokee Nation-  
al Forest.

4 4124 *Calycanthus floridus* L. var. *floridus*

(40) 11 MAY 1979. Macon Co., NC <sup>Mixed pine-</sup> Hardwood  
slope and adjacent stream along  
Forest Service road off NC Rte. 106  
at the Ga. state line. 35° 0' N, 83° 20' W.

- 9 4125 *Pyrolaria pubera* Michx.  
12 4126 *Xanthorhiza simplicissima* Marshall  
6 4127 *Calycanthus floridus* L. var. *laevigatus*  
12 4128 *Gaylussacia ursina* (M.A. Curtis)

T. & G. ex Gray

(15) 11 MAY 1979. Rabun Co., GA. Mixed  
cove hardwood forest, along Forest Service  
road off NC Rte 106 at the NC  
state line. 35° 0' N, 83° 20' W.

- 5 4129 *Lindera benzoin* (L.) Blume  
4 4130 *Hamamelis virginiana* L.  
4 4131 *Pyrolaria pubera* Michx.  
2 4132 *Calycanthus floridus* L. var. *laevigatus*  
(Willd.) T. & G.

d (14) 11 MAY 1979. Macon Co., NC NC Rte  
106, ca. 4.2 mi SE of Co. Rd.  
✓ 1620 (Turtle Pond Rd.) SE of  
Highlands. Elev. ca. 3600'. Roadside.  
35° N. of 16 W.

14 4133 *Betula lenta* L.

(11) 11 MAY 1979. MACON Co., NC.  
v 0.2 mi. <sup>NE</sup> of Co. Rd. 1603 (Bull Pen  
Road) on Co. Rd. 1606 (Whiteside  
Cove Rd.) SE of Highlands. Stream  
bank. 35° N. of 01° W

10 4134 *Leucothoe axillaris* (Lam.) D. Don  
var. *editorum* (Fern. & Schubert) Ahles

(5) 11 MAY 1979. JACKSON Co., NC.  
1.7 mi <sup>E</sup> of Co. Rd.

5 4135 *Rhododendron calendulaceum* (Michx.)  
Torr.

- (8) 14 MAY 1979. TRANSYLVANIA Co., NC.  
 1.0 mi S of the Blue Ridge Parkway  
 and the Haywood Co. line on  
 NC Rte. 215. Open slope.  $35^{\circ} 17' N$   
 $82^{\circ} 53' W$   
 Elev. ca. 1500.
- 4136 ~~Betula lenta~~ L.
- (23) 14 MAY 1979. TRANSYLVANIA Co., NC.  
 3.8 km 2.4 mi off NC Rte 215 on Courthouse  
 Creek Rd., <sup>0.5 mi</sup> 6.6 mi S of the Blue  
 Ridge Pkwy. and the Haywood Co.  
 line. Dry slope.  $35^{\circ} 17' N$ ,  $82^{\circ} 53' W$
- 4137 Gaylussacia ursina (M.A. Curtis) T. & G.  
 ex Gray
- 4138 Rhododendron calendulaceum (Michx.) Torr.
- 4139 Pyrolaria pubera Michx.
- (4) 14 MAY 1979. TRANSYLVANIA Co., NC. 3.4  
 mi off NC Rte 215 on Courthouse  
 Creek Rd., 6.6 mi S of the Blue  
 Ridge Pkwy. and the Haywood Co.  
 line. Mixed deciduous forest.  $35^{\circ} 17' N$ ;  
 $82^{\circ} 53' W$  Elev. ca. 1500 m.

~~4143~~

4 4140 *Acer pensylvanicum* L.

(22) ✓ 14 MAY 1979. TRANSYLVANIA Co., NC.  
6.1 km (3.8 mi) off NC Rte 215 on Courthouse  
Creek Rd., 6.6 mi S of the Blue  
Ridge Pkwy. and the Haywood Co.  
line. Streamside & adjacent mesic  
cove. 35° 17' N, 82° 3' W

10 4141 *Leucothoe axillaris* (Lam.) D. Don var.  
*editorum* (Fern. & Schubert) Ahles

9 4142 *Acer pensylvanicum* L.

3 4143 *Aesculus octandra* Marshall

(5) 14 MAY 1979. TRANSYLVANIA Co., NC. 0.6 mi  
off NC Rte 215 on Courthouse Creek  
Rd., 6.6 mi S of the Blue Ridge  
Pkwy and the Haywood Co. line.  
Mixed deciduous forest & streamside.  
35° 17' N, 82° 3' W

2 4144 *Arabis laevigata* (Muhl. ex Willd.) Poir.  
var. *laevigata*

3 4145 *Fagus grandifolia* Ehrh.

(R) ✓

15 MAY 1979 AVERY Co., NC. <sup>0.5 mi</sup> 0.5 mi  
E OF US Rte. 221 on Co. Rd. 1514  
(Edgemont Rd.). ~~#~~<sup>S</sup> side of Grandfather  
Mountain. <sup>NE of Linville.</sup> Xeric hardwood-mixed  
heath slope. 20° N, 81° W

- 7 4146 *Vaccinium constablaei* Gray
- 4 4147 *Leucothoe recurva* (Buckley) Gray
- 5 4148 *Symplocos tinctoria* (L.) L'Her.
- 2 4149 *Sassafras albidum* (Nutt.) Nees

(A) ✓

15 MAY 1979. AVERY Co., NC. <sup>3.1</sup> 1.9 mi E  
of US Rte. 221 on Co. Rd. 1514  
(Edgemont Rd.). ~~#~~<sup>SE</sup> side of Grandfather  
Mountain. NE of Linville. Mesic  
hardwood slope. 36° N, 81° W

- 10 4150 *Acer pensylvanicum* L.
- 3 4150a *Diphylleia cymosa* Michx.
- 1 4151 *Arabis bevigata* (Muhl. ex Willd.) Poir. var. *laevigata*
- 1 4151a *Anisaema triphyllum* (L.) Schott
- 3 4152 *Botrychium virginianum* (L.) Swartz
- 5 4153 *Trillium erectum* L. var. *erectum*

(42)

✓

16 MAY 1979. WATAUGA Co., NC. Rich Mountain, NW of Boone.  $36^{\circ}14'12''$  N. Lat.,  $81^{\circ}42'45''$  W. Long. Xeric N. red oak-mixed heath slope. Elevation ca. 5000 ft.

- 6 4154 *Crataegus flabellata* (Bosc.) K. Koch
- 9 4155 *Amelanchier arborea* (Michx. f.) Fern. var. *laevis* (Wiegand) Ahles (= *A. laevis* Wieg.)
- 78 4156 *Menziesia pilosa* (Michx.) Jussieu
- 13 4157 *Vaccinium constablaei* Gray
- 2 4158 *Acer pensylvanicum* L.
- 5 4159 *Salix humilis* Marshall

(10)

✓

16 MAY 1979. JOHNSON Co., TENN. 2.2 mi S of the Va. state line on Tenn. Rte. 91. N of Laurel Bloomery. Streamside forest along Laurel Creek.

- 10 4160 *Carpinus caroliniana* Walt.

(31) ✓ 17 MAY 1979. WASHINGTON CO., VA.  
8.8 km (5.5 mi) WSW of Va. Rte. 80 (Hayters  
Gap) on Va. Rte. 689 (Brumley Gap  
Rd.) Slope and marshy bottom.

5 4161 *Lindera benzoin* (L.) Blume

4 4162 *Morus rubra* L.

16 4163 *Pyrularia pubera* Michx.

4 4164 *Carpinus caroliniana* Walt.

2 4165 *Magnolia tripetala* L.

17 MAY 1979. SMYTH CO., VA. Va. Rte 91, 0.3 mi N of  
(14) Va. Rte. 42, and 0.2 mi S of the  
Tazewell Co. line. N of Bradford.  
Rocky slope.

6 4166 *Robinia pseudo-acacia* L.

8 4167 *Acer saccharum* Marshall



(3) ✓ 17 MAY 1979. TAZEWELL Co., VA. Va. Rte. 91,  
1.9 mi N of the Smyth Co. line.  
N of Bradford. Dry mixed oak-  
hickory slope.

1 4168 *Rhododendron calendulaceum* (Michx.) Torr.

3 4169 *Acer pensylvanicum* L.

5 4170 *Rhododendron catawbiense* Michx.

2, 4 4171 *Vaccinium constablaei* Gray  
ca. 2 m tall

6 4172 *Gaylussacia baccata* (Wang.) K. Koch

4 4173 *Vaccinium stamineum* L. var. *stamineum*

2 4174 *Vaccinium vacillans* Torr.  
# ca. 0.5 m tall

(5) 17 MAY 1979. TAZEWELL Co., VA. Va. Rte.  
91, ~~1.9~~<sup>3.6</sup> mi N of the Smyth Co. line.  
N of Bradford. xeric slope.

5 4175 *Vaccinium constablaei* Gray

⑧ ✓ 17 MAY 1979. TAZEWELL Co., VA. Va. Rte. 91, 6.8 mi N of the Smyth Co. line, and 4.2 mi of Va. Rte. 604.  
Roadside bank

8 4176 *Robinia boyntonii* Ashe  
Fls. pinkish-purple. Shrub, ca. 1.5 m tall.

⑭ 18 MAY 1979. SMYTH Co., VA. 0.4 mi W of Va. Rte. 16 on unmarked gravel road along Walker Mountain Ridge. Jefferson National Forest. Dry mixed oak-hardwood slope. Elev. ca. 3400'.

10 4177 *Acer pensylvanicum* L.

2 4178 *Vaccinium constablaei* Gray

2 4179 *Sassafras albidum* (Nutt.) Nees

⑮ 18 MAY 1979. Smyth Co., VA. Walker Mtn. at Va. Rte. 16. Jefferson National Forest, n of Hungry Mother

State Park. Dry mixed oak-hardwood  
slope. Elev. ca. 3400' (1000 m)

3

6 4180 *Rhododendron roseum* (Loisel.) Rehd.

2 4181 *Vaccinium constablaei* Gray

2 4181a *Aesculus octandra* Marshall

(49)

19 MAY 1979. AMHERST Co., VA. 0.1 mi E  
of the Rockbridge Co. line and the  
Blue Ridge Parkway on US Rte. 60,  
then 0.5 mi on Forest Service Rd.  
315. George Washington National  
Forest. Old logging road along  
dry, mixed oak-hickory slopes.

1 4182 *Gaylussacia baccata* (Wang.) K. Koch

4+3 4183 *Rhododendron catawbiense* Michx.

10+4 4184 *Vaccinium stamineum* L. var. *stamineum*

15 4185 *Menziesia pilosa* (Michx.) Jussieu

6 4186 *Vaccinium constablaei* Gray

⑧ 19 MAY 1979. ROCKBRIDGE Co., VA. 0.6 mi  
W of the Blue Ridge Parkway and  
the Amherst Co. line on US Rte. 60.  
Roadside picnic area and overlook.

8 4187 *Castanea pumila* (L.) Mill.  
Shrub, ca. 1½ m tall

⑫ 19 MAY 1979. ROCKBRIDGE Co., VA. 0.2 mi  
S of US Rte 60 on Forest Service Rd.  
105<sup>2, 15</sup>; 1.3 mi W of the Blue Ridge  
Parkway and the Amherst Co. line.  
Rocky slope.

8 4188 *Menziesia pilosa* (Michx.) Jussieu

4 4189 *Vaccinium stamineum* L. var. *stamineum*

1 4190 *Vaccinium vacillans* Torr.

3 4191 *Gaylussacia baccata* (Wang.) K. Koch

⑩ 19 MAY 1979. AUGUSTA Co., VA. At the  
intersection of US Rte. 250 and Va.  
Rte 715 along Va. Rte. 715.  
Roadside and adjacent streambank.

- 4 4192a *Carex torta* Boott  
 11 4192 *Lonicera morrowii* Gray  
 1 4193 *Prunus serotina* Ehrh.  
 1 4194 *Acer rubrum* L.  
 4 4195 *Salix sericea* Marsh.

(14) 19 MAY 1979. ~~1.1~~ <sup>5.7</sup> ~~5.7~~ mi WSW of the summit of  
 ✓ ~~7.1~~ Reddish Knob Mt. on U.S. Forest  
 Service Rd. 85. Ca. <sup>1200</sup> ~~1000~~ m elevation.  
 Rocky slope. 38° 27' N, 71° 16' W

- 3 4196 *Pteris floribunda* (Pursh) B. & H.

~~19 MAY 1979~~

- 4 4197 *Acer pensylvanicum* L.

- 7 4198 *Prunus virginiana* L.  
<sup>7.5</sup> <sup>4.7</sup> mi WSW Rocky slope

(8) 19 MAY 1979. ~~1.1~~ <sup>5.7</sup> ~~5.7~~ mi WSW of the Summit of  
 Reddish Knob Mt. on US Forest  
 Service Rd. 85. Ca. <sup>1200</sup> ~~1000~~ m elevation.  
 38° 27' N, 71° 16' W

8 4199 *Betula lenta* L.

(16) 19 MAY 1979. ~~REVEREND~~ Co., VA.  
✓ Summit of Reddish Knob. Northern red oak - *Prunus pensylvanica* forest. Elev. ca. 3000 ft.

10 4200 *Prunus pensylvanica* L. f.

6 4201 *Ribes rotundifolium* Michx.

(35) 22 MAY 1979. WESTMORELAND Co., PA.  
0.8 mi NE of Pa. Rte. 31 on Pa. Rte. 381 North; Along Camp Run Stream just N of Camp Run Rd. Donegal Township. Dry deciduous woods and streambank.

32 4202 *Rhododendron nudiflorum* (L.) Torr.  
ca. 3 m tall. Fls pink. Light fragrance.

20  
30-33 ✓

29 MAY 1979. WASHINGTON Co., PA. Carroll Twp. 0.1 mi NW of Pa. Rte. 88 on PA Rte 837. Near Maderia St., NW of New Eagle. Disturbed strip-mine area.

40° 15' N, 78° 15' W

- 49 4203 *Robinia hispida* L.  
Fls. pink; ovary hispid. Shrub, ca. 2-3 m
- 17 4204 *Salix* ~~*Robinia*~~  
Fls. white; ovary <sup>hispid to</sup> glabrous. Shrub, ca. 2-3 m  
Growing with *R. hispida*
- 53 4205 *Salix interior* Rowlee  
Pistillate shrub ca. 1-1.5 m tall
- 51 4206 *Salix* <sup>interior</sup> Rowlee  
Staminate shrub ca. 1-1.5 m tall

51 ✓ ~~22~~ 29 MAY 1979. WESTMORELAND CO., PA. 3.4  
mi W of Pa. Rte. 837 on Pa. Rte.  
136. Disturbed area adjacent to stream.

40 12 N, 50° 00' W

- 50 4207 *Prunus serotina* Ehrh.

4 JUNE 1979. ALLEGHENY CO., PA.  
W of the corner of Pierce and Summer-  
Vacant lot beside garage at  
lea Sts., Shadyside District,  
the W end of Ellsworth Ave.,  
Pittsburgh, PA. Vacant lot. 4 2 11

79° 56' W

- 55 ✓ 4208 *Morus alba* L.

48 4209 *Philadelphus*

Shrub ca. 2 m tall. Fls. white. Slightly  
fragrant.

(18)

7 JUNE 1979. ALLEGHENY Co., PA.  
Forward Township. 2.4 km (1.5 mi)  
NW of the jct. with Pa. rte. 136  
on Road 02239 along the  
Monongahela River; opposite the city  
of Monongahela. Roadside. 40° 15' N,  
79° 15' W. Elev. ca. 1000 ft.

4211 ~~4210~~ *Prunus persica* (L.) Batsch

(19)

7 JUNE 1979. ALLEGHENY Co., PA. Forward  
Township. 0.9 km NE of Panghorn  
Hollow Rd. on Rd. 02239; SE of  
the city of Elizabeth. Mixed  
deciduous forest. 40° 15' N, 79° 15' W.

49 4210 *Rosa multiflora* Thunb.



(50)

9 JUNE 1979. LAWRENCE Co., PA.  
Plain Grove Township. Plain Grove  
Bog, N of Pa. rte. 108 on Rd.  
37050. Bog and adjacent woodland  
border. Twining over trees and shrubs.  
Elevation 2000 - 41° 04' N, 10 W

50+ 4212 *Lonicera dioica* L.

(50)  
(25)

17 JUNE 1979. ARMSTRONG Co., PA.  
Boggs Township. 4.3 km (2.7 mi) SW  
of Wayne Twp., and 8.3 km (5.2 mi)  
SSW of Mahoning ~~F~~ Creek on  
Pa. Rte. 28. Low wet woods. E  
adjacent mixed deciduous slope.  
40° 05' N, 10° 20' W

50 4213 *Lindera benzoin* (L.) Blume

26 4214 *Fraxinus americana* L. var. *americana*

(50)  
(25)

18 JUNE 1979 JEFFERSON Co., PA.  
Mill Creek at the Union Twp. -  
Eldred Twp. line on PA Rte 949.  
41° 20' N, 71° 10' W

26 4215 *Carpinus caroliniana* Walt.

4216 *Physocarpus opulifolius* (L.) Maxim.

Mahoning Twp.

18 JUNE 1979. ARMSTRONG Co., PA. 1.6 km  
(1.0 mi) N of the Mahoning River  
on PA Rte. 28. S of Distant. ~~Mixed~~  
Hemlock - <sup>mixed</sup> deciduous streamside forest.

Elev. 1000 ft. 40° 12' N, 79° 22' W

50 4217 *Sambucus pubens* Michx.

3 JULY 1979. CENTRE CLINTON Co., PA. Huston Twp.  
2.7 km (1.7 mi) SW of the Union Twp.  
line, and 6.6 km (4.1 mi) SW of Pa.  
Rte. 504 on US Rte 220, SW of  
Unionville. Disturbed area between  
highway and Railroad tracks

5 4218 *Cornus amomum* Mill.

Pith of second yr wood light brown; of 1st  
yr wood white

6 4219 *Lonicera marrowii* Gray

11  
10 4220 *Cornus racemosa* Lam.

50/12 3 JULY 1979. CLINTON Co., PA. Allison Twp.  
1.0 mi (1.6 km) SE of the Colebrook Twp.  
line on PA Rte. 120. NW of Lockhaven.

77° 29' W Elev. 1000 ft. 2700 ft

50 4221 *Acer pensylvanicum* L.

Moist Maple-Birch slope

P.

✓ 4222 *Gaylussacia baccata* (Wang.) K. Koch

50  
15

3 JULY 1979. CLINTON Co., PA. Noyes Twp. 3.2 km (1.9 mi) SE of the Leidy Township line on road 18003, then 2.9 km (1.8 mi) N on Two Mile Run Road. At junction with Middle Branch Run Rd. W of Renovo. 41° 15' N, 77° 43' W

50 4223 *Betula lutea* Michx. f. *alleghaniensis* Brit.

14 4224 *Ribes rotundifolium* Michx.  
just S of jct. with Middle Br. Run Rd.

✓  
✓  
4 JULY 1979. POTTER Co., PA. Stewardson Twp.; 1.1 km (0.7 mi) N of Pa. Route 144 along Cross Fork River, N of Cross Fork Village. Disturbed area and alluvial woods along river. 41° 30' N, 77° 45' W

50 4225 *Prunus virginiana* L.

6 4226 *Pinus sylvestris* L.

3 4227 *Crataegus punctata* Jacq. det DEB

19 4228 *Carpinus caroliniana* Walt.

4 JULY 1979. POTTER Co., PA. Same as above only 0.2 km (0.1 mi) N of Pa. Route 144.

- 1 4229 *Sassafras albidum* (Nutt.) Nees
- 2 4230 *Diervilla ~~sessilifolia~~ <sup>lonicera</sup> Mill.* Buckl

9 JULY 1979. CRAWFORD Co., PA.

50 Woodcock Township; NE of Meadville. 6.4 km (4 miles) N of Pa. Rte. 198 W on Pa. Rte. 86, then 5 km (3.1 miles) East on highway 20070, then 0.2-0.4 km south; vicinity of "Corner Farm."

4231 *Viburnum lentago* L.

10 JULY 1979. SAME AS 4231

- 50 13
- 4232 *Populus tremuloides* Michx.
  - 4233 *Sorbus melanocarpa* (Michx.) Schneider
  - 4234 *Viburnum dentatum* L. var. *lucidum* Ait.  
(= *V. recognitum* Fern., Gray's Man. 8th ed.)

10 JULY 1979. CRAWFORD Co., PA. Woodcock Twp; NE of Meadville. 6.4 km N of 20070 on

E. E. ...  
Road ...  
low wet marsh ...

50

✓ 4235 *Salix nigra* Marsh  
Shrub, ca. 4 m. tall.

50  
✓  
A2

11 JULY 1979. ALLEGHENY Co., PA.  
Ohio Township. 0.16 km (0.1 mi) E  
of Interstate Rte. 79 on Mt. Nebo  
Rd.; then 1.6 km (1.0 mi) N on  
Red Mud Hollow Rd. NW of Pitts-  
burgh, ENE of Sewickley. 4. N,

✓ 4236 *Rhamnus frangula* L.

Disturbed woodland margin

✓ 4237 *Celastrus orbiculatus* Thunb.

Climbing over shrubs and trees,  
opening ~~disturbed~~ area in woodland.

19 JULY 1979. ALLEGHENY Co., PA.

50

FRANKLIN PARK Twp. 1.6 km (1.0 mi)  
N of Mt. Nebo Rd. on McAleer Rd.;  
vicinity of jct. of McAleer Rd. and  
Montgomery Rd., NNW of Pitts-  
burgh, NE of Sewickley.

✓ 4238 *Salix purpurea* L.

Small to lg. shrub; ~~wet~~ <sup>marsh</sup> ~~woodland~~  
margin. Lvs glaucous beneath.

(100) v  
22 July 1979. ALLEGHENY Co., PA.  
Forward township. 1.0 km (0.6 mi) NE  
of Pangborn Hollow Rd. on Road 02239;  
SE of the city of Elizabeth. Deciduous  
woods and clearings on the east side  
~~4234~~ of the Monongahela River, along the  
Pittsburgh and Lake Erie Railroad  
tracks. 40° 15' N 71° 15' W

50 4239 *Acer negundo* L.

50 4240 *Populus alba* L.

↑ 100  
24 July 1979. ~~0110~~ Co., WV.  
0.8 km (0.5 miles) N of the bridge  
to Steubenville, and 1.8 km (1.1 mi)

U.S. 74: 122 N of Archer Hill Rd., on W. Va.  
Rte. 2. North of Follansbee. Deciduous  
woods.

9 4241 *Fraxinus americana* L. var. *americana*

5 4242 *Lindera benzoin* (L.) Blume

4243 *Kalmia latifolia* L.

Dry oak - Kalmia slope.

24 JULY 1979. OHIO Co., WV. 0.8 km  
(0.5 miles) N of the Pike Island  
Locks and Dam on W. Va. Route 2.  
N of Wheeling. Shore of Ohio River.

1 - 4244 *Physocarpus opulifolius* (L.) Maxim.

(50) 5 AUGUST 1979. ALLEGHENY Co., PA.  
Winters Top. 1.6 km (1.0 mi) N of US Rt  
22 on Padi Rd., then left on  
(0.3 mi) on Thompson Run rd. (Road 02232)  
Disturbed area along stream.

4245 *Ligustrum*

12 AUGUST 1979. Tucker Co., <sup>WV</sup> Dolly  
Sods Scenic Overlook. Elevation ca.  
1500 meters. Mixed conifer-deciduous  
forest and shrub openings.

2 4246 *Menziesia pilosa* (Michx.) Jussieu

~~4247 *Acer pensylvanicum*~~

(25)

12 AUGUST 1979. TUCKER Co., WV. 6.6 km (4.1 miles) W of U.S. Forest Service Rd. 4 (Jordan Run Rd.) on U.S. " " " 75; E of Bear Rocks. Mixed deciduous forest. Elevation ca. 1200 meters.

- 24 4247 *Ilex montana* T. & G.
- 1 4248 *Sambucus canadensis* L.
- 4 4249 *Hydrangea arborescens* L.

(26)

12 AUGUST 1979. Pendleton Co., WV. 7.4 km (4.6 miles) N of the South Branch Potomac River on US Rte 220; between the town of Upper Tract and the Grant County line. Shale barren, thin forest of *Pinus virginiana* and *Q. ilicifolia* - *Q. prinus*

- 10 4250 *Quercus ilicifolia* Wang.
- 4 4251 *Quercus prinus* L.

(27)

12 AUGUST 1979. Pendleton Co. 0.6 km (0.4 mi) E of the jct. of US Rte 33 and W.V. Rte 28 S on US Rte 33; NW of the city of Franklin. Rocky slope on the N side of the highway. Forest of *Quercus*



~~mixed~~ Pinus species. Elev. ca. 800 m.

4 4252 *Betula lenta* L.

6 4253 *Tilia americana* L.

4 4254 *Quercus ilicifolia* Wang.

3 4255 *Tsuga canadensis* (L.) Carr

13 August 1979, same as 4252.

7 4256 *Acer spicatum* Lam.

13 August 1979, Pendleton Co., WV  
~~0.2~~<sup>0.64</sup> km (0.4 mi) ~~E~~<sup>S</sup> of state road  
~~23~~<sup>20</sup> on state road ~~23~~<sup>20</sup>; south of  
the city of Franklin. Roadside.

3 4257 *Acer pensylvanicum* L.

4 4258 *Aralia racemosa* L.

13 AUGUST 1979 5.1 km (3.2 miles)  
SE of US Forest Service Rd. 85  
(road to summit of Reddish Knob)  
on FS Rd. 32; Geo. Wash. N.F. Mixed  
*Taxa canadensis* - *Pinus strobus* forest.

3 4259 *Pinus strobus* L.

(5) 13 AUGUST 1979 PENDLETON Co., WV.  
4.3 km (2.7 mi) NE of U.S. Forest  
Service road 32 on Forest Service  
Road 85 (road to summit of Reddish  
Knob). Dry *Quercus* forest.

4 4260 *Pieris floribunda* (Pursh) B. & H.

(6) 13 AUGUST 1979. PENDLETON Co., WV.  
10.1 km (5.8 mi) NE of U.S. Forest  
Service Road 32 on Forest Service Rd.  
85 (road to summit of Reddish Knob.)

5 4261 *Quercus rubra* L.

1 4262 *Amelanchier laevis* Wieg.

PENDLETON Co., WV

13 AUGUST 1979. 10.2 km (6.4 miles)  
SE of U.S. Forest Service Road 21 on  
Forest Service Rd. 25; N of Reddish  
Knob and ESE of the town of Sugar  
Grove. Quercus forest.

T855

4263 *Ribes cynosbati* L.

13 AUGUST 1979. PENDLETON Co., WV.  
~~10.3 km (6.2 miles) S of U.S. route  
33 on State Road 21; south of the  
town of Brandywine~~

18 4264 *Sassafras albidum* (Nutt.) Nees

↳

5.6 km

PENDLETON Co., WV. (3.5 mi) SE of  
US Forest Service Rd. 21 on  
Forest Service Rd. 25; N of Reddish  
Knob and ESE of the town of  
Sugar Grove.

(34) 19 AUGUST 1979. CARROLL Co., VA. 6.7 km  
(4.2 mi) N of Va. Rte. 620 on US  
Rte. 52, N of the town of Hillsville.  
36° 47' N, 80° 45' W. Mixed pine-deciduous  
slope.

1 4265 *Betula lenta* L.

Bark gray

3 4266 *Pinus virginiana* Mill.

1 4267 *Ostrya virginiana* (Mill.) K. Koch

17 4268 *Campanula divaricata* Michx.

2 4269 *Ambrosia artemisiifolia* L.

4 4270 *Berberis canadensis* Mill.

5 4271 *Polygonum sagittatum* L.

(42) 20 AUGUST 1979. PATRICK Co., VA. 4.0 km  
(2.5 mi) N of the jct. of Va. Rte. 8  
and US Rte 58 on Rtes. 8-58.  
Between Stuart and Cruzes Store.

- 4 4272 *Rhododendron maximum* L.  
13 4273 *Castanea pumila* (L.) Mill.  
3 4274 *Vaccinium stamineum* L. var. *stamineum*  
2 4275 *Rhododendron nudiflorum* (L.) Torr.  
8 4276 *Cornus florida* L.  
1 4277 *Oxydendrum arboreum* (L.) DC.  
11 4278 *Alnus serrulata* (Ait.) Willd.

(17) 21 August 1979. JOHNSTON Co., NC.  
✓ 0.6 km (0.4 mi) NW of US Rte.  
70-A, and 2.2 km (1.4 mi) NW of  
the Wayne Co. line, on US Rte. 70.  
East side of Holts Pond.

- 1 4279 *Rhus copallina* L.  
4 4280 *Clethra alnifolia* L. var. *alnifolia*  
7 4281 *Cynilla racemiflora* L.

4 4282 *Callicarpa americana* L.

1 4283 *Magnolia virginiana* L.

(14) ✓ 22 AUGUST 1979. Onslow Co., NC.  
8.51 W 5.5 mi S of NC Rte. 41 on Co. Rd.  
1003. S of Comfort, NE of Richland.  
Mixed pine-oak forest.

4 4284 *Ilex glabra* (L.) Gray

4 4285 *Persea palustris* (Raf.) Sarg.  
(See 4298)

4 4286 *Ilex coriacea* (Pursh) Chapman

(11) ✓ 22 AUGUST 1979. JONES Co., NC. 1.0 mi  
NE of Co. Rd. 1003 on NC Rte. 41.  
NE of Comfort. Swamp forest.

4 4287 *Berchemia scandens* (Hill) K. Koch

5 4288 *Itea virginica* L.

2 4289 *Quercus michauxii* Nuttall

(45)

22 AUGUST 1979. CRAVEN Co., NC.  
1.4 km 0.9 mi N of US Rte. 17 on Co. Rd.  
1224 (road to Tuscarora). Margin  
of pine plantation.

- 4 4290 *Clethra alnifolia* L. var. *alnifolia*
- 3 4291 *Rhus copallina* L.
- 3 4292 *Lyonia lucida* (Lam.) K. Koch
- 5 4293 *Symplocos tinctoria* (L.) L'Her.
- 4 4294 *Magnolia virginiana* L.
- 3 4295 *Ilex glabra* (L.) Gray
- 6 4296 *Myrica cerifera* L. var. *cerifera*
- 5 4297 *Cyrilla racemiflora* L.
- 8 4298 *Persea palustris* (Raf.) Sarg.  
(*P. borbonica* <sup>(L.) Spreng</sup> f. *pubescens* (Pursh) Fern. <sup>GM</sup> 8th ed.)
- 4 4299 *Euonymus americanus* L.

⑭ ✓ 23 AUGUST 1979. JONES Co., NC. 0.3  
mi S of Co. Rd. 1105 on Davis  
Rd. Disturbed area cleared and  
drained for planting.

3 4300 *Ilex glabra* (L.) Gray

2 4301 *Vaccinium crossifolium* Andrews

5 4302 *Lyonia lucida* (Lam.) K. Koch

7 4303 *Gordonia lasianthus* (L.) Ellis

⑨ ✓ 23 AUGUST 1979. JONES Co., NC.  
0.6 km (0.4 mi) W of Co. Rd.  
1105 on Forest Service Road 172  
(Mirey Branch Rd.). Margin of pine  
plantation.

5 4304 *Magnolia virginiana* L.

4 4305 *Cyrilla racemiflora* L.



(40)

24 AUGUST 1979. ONSLOW Co., NC.

2.9 mi NE OF NC Rte. 210 on  
Co. Rd. 1508. West Onslow Beach.

Maritime forest and adjacent salt  
marsh.  $34^{\circ}30'N$   $77^{\circ}22'W$ .

5 4306 *Juniperus virginiana* L.

4 4307 *Quercus virginiana* Miller

6 4308 *Ilex vomitoria* Aiton

2 4309 *Myrica cerifera* L. var. *cerifera*

2 4310 *Gelsemium sempervirens* (L.) Aiton f.

4 4311 *Persea palustris* (Raf.) Sarg.  
see 4298

6 4312 *Callicarpa americana* L.

" 4313 *Iva frutescens* L.

(9)

24 AUGUST 1979. ONSLOW Co., NC.

✓ 1.4 km 0.9 mi N of Co. Rd. 1107 on US

Rte 17. Edge of old field, adjacent  
to swamp forest. S of Jacksonville.

- 3 4314 ~~Chrysopsis~~ *Heterotheca nervosa* (Willd.)  
Shinners var. *nervosa*
- 2 4315 *Betula nigra* L.

(40) 24 AUGUST 1979. ONSLOW Co., NC. 4.5 mi  
S of US Rte 17 on NC Rte 210. SE  
of Dixon. Cut-over pine forest. 31° 21' N,  
77° 25' W

- 4 4316 *Clethra alnifolia* L. var. *alnifolia*
- 4 4317 *Myrica heterophylla* Raf.
- 8 4318 *Ilex glabra* (L.) Gray
- 4 4319 *Myrica cerifera* L. var. *cerifera*
- 1 4320 *Magnolia virginiana* L.
- 3 4321 *Lyonia mariana* (L.) D. Don
- 6 4322 *Ilex coriacea* (Pursh) Chapm.
- 5 4323 *Lyonia* ~~mariana~~ *lucida* (Lam.) K. Koch
- 3 4324 *Lyonia ligustrina* (L.) DC.

- 1 4325 *Sorbus arbutifolia* (L.) Heyn. var. *arbutifolia*
- 1 4326 *Persea palustris* (Raf.) Sarg.  
See 4298
- 1 4327 *Cyrilla racemiflora* L.

(10) ✓  
25 AUGUST 1979. Horry Co., SC. -  
Waccamaw River at SC Rte. 9.

2 4328 *Quercus*

4 4329 *Quercus*

1 4330 *Quercus lyrata* Walt.

1 4331 *Cyrilla racemiflora* L.

2 4332 *Cephalanthus occidentalis* L.

(28) ✓  
26 AUGUST 1979. COLLETON Co., S.C. 0.3  
miles S of Exit 42, Interstate  
Rte. 95, on US Rte 21. *Quercus*  
*laevis* - *Pinus palustris* woods.

- 2 4333 *Quercus incana* Bartram
- 9 4334 *Quercus laevis* Walt.
- 1 4335 *Vaccinium arboreum* Marshall
- 2 4336 *Quercus margaretta* Ashe
- 2 4337 *Castanea pumila* (L.) Miller
- 12 4338 ~~Pinus~~ *Quercus virginiana* Miller

(8) ✓  
 5.8 26 AUGUST 1979. BEAUFORT Co., SC.  
 3.6 mi N of SC Rte. 116 on US  
 Rte. 21. NW of Beaufort. Salt  
 marsh.

5 4339 *Iva frutescens* L.

(24) ✓  
 27 AUGUST 1979. JASPER Co., S.C. 0.2  
 mi N of Co. Rd. S27-101 (road to  
 Mitchellville) on U.S. Rte. 17. Just S  
 of Ridgeland. Marshy area between  
 road and RR tracks.

- 12 4340 *Myrica cerifera* L. var. *cerifera*
- 9 4341 *Taxodium ascendens* Brongn.
- 2 4342 *Ilex cassine* L. var. *myrtifolia* (Walt.)  
Sargent
- (41) JASPER Co., SC. 0.5 mi N of US Rte  
17-AH. on SC Rte. 170-AH. Low  
marshy area; low mixed woods
- 17 4343 *Decadon verticillatus* (L.) Ell.
- 3 4344 *Vaccinium arboreum* Marshall
- 1 4345 *Quercus virginiana* Miller
- 1 4346 *Vaccinium amoenum* Ait.
- 1 4347 *Lyonia lucida* (Lam.) K. Koch
- 6 4348 *Quercus nigra* L.
- 1 4349 *Sorbus arbutifolia* (L.) Heyn. var.  
*arbutifolia*
- 3 4350 *Wisteria frutescens* (L.) Poir.
- 1 4351 *Styrax grandifolia* Ait.

1 4352 *Cephalanthus occidentalis* L.

6 4353 *Nyssa sylvatica* Marshall var. *biflora*  
(Walt.) Sargent

(24) 27 AUGUST 1979. JASPER Co., NC. <sup>S</sup> 14

9.2 mi S of SC 336 on US Rte. 17.  
Stream edge.

2 4354 *Bulbostylis stenophylla* (Ell.) Clarke

2 4355 *Polygala grandiflora* Walter

10 4356 *Populus heterophylla* L.

10 4357 *Ampelopsis arborea* (L.) Koehne

(10) 27 AUGUST 1979. JASPER Co., NC. <sup>S</sup>

2.5 mi N of SC Rte 46 on US Rte.  
17. N of Hardeeville.

4 4358 *Pinus serotina* Michx.

3 4359 *Lonicera japonica* Thunb.

2 4360 *Rhus copallina* Michx.

1 4361 ~~Mimosa~~ *Albizia julibrissin* Desroziere

EMANUEL Co., GA.

28 AUGUST 1979. 0.8 mi S of Interstate  
Rte. 16 on US Rte 1. Alluvial forest  
along the Ochopee River.

(29)

- 4 4362 *Quercus nigra* L.
- 2 4363 *Vaccinium arboreum* Marshall
- 2 4364 *Viburnum obovatum* Walter
- 2 4365 *Crataegus marshallii* Ettl.
- 6 4366 *Sebastiania ligustrina* (Michx.) Muell.-Arg.
- 1 4367 *Myrica cerifera* L. var. *cerifera*
- 5 4368 *Quercus*
- 2 4369 *Cephalanthus occidentalis* L.
- 1 4370 *Ilex glabra* (L.) Gray
- 2 4371 *Rhododendron canescens* (Michx.)  
Sweet
- 2 4372 *Cynilla racemiflora* L.

(16)

28 AUGUST 1979. CANDLER Co., GA. 1.5 mi E of the Emanuel Co. line on Ga. Rte. 46. Dry oak-pine woods.

2.4.

3 4373 *Quercus laevis* Walt.

1 4374 *Pinus palustris* Miller

1 4375 *Chrysobalanus oblongifolius* Michx.  
Det. R.D. Whitston  
+ C.F. Nixon 1982

~~*Licania michauxii* Prance~~

3 4376 *Quercus margaretta* Ashe

6 4377 *Quercus incana* Bartr.

2 4378 *Albizia julibrissin* Durazzini  
*Mimosa*

(44)

(JLB)

29 AUGUST 1979. MADISON Co., GA South Fork Broad River along US Rte. 29, 1.3 miles S of Ga. Rte. 98. Just S of Danielsville.

1 4379 *Boehmeria cylindrica* (L.) Swartz

3 4380 *Penthorum sedoides* L.

6 4381 *Acalypha rhomboidea* Raf.



- 4 4382 *Acalypha ostryaefolia* Riddell
- 14 4383 *Phyllanthus caroliniensis* Walter
- 3 4384 *Pilea pumila* (L.) Gray
- 3 4385 *Betula nigra* L.
- 3 <sup>Already pulled for LM</sup> 4386 *Ligustrum*
- 2 4387 *Cassia fasciculata* Michx.
- 3 4388 *Crataegus flabellata* (Bosc) K. Koch
- 1 4389 *Halesia carolina* L.
- 1 4390 *Ulmus alata* Michx.

⑪ ✓ 29 AUGUST 1979. ANDERSON Co., SC.  
 3.2 km (2.0 mi) S of South Carolina  
 Rte. 412 on US Rte. 29; near the  
 south end of Lake Hartwell. Xeric  
 woods.

- 3 4391 *Ilex opaca* Aiton

- 3 4392 *Vaccinium arboreum* Marshall  
 5 4393 *Satureja georgiana* (Harper) Ahles

(47) 30 AUGUST 1979. ANDERSON Co., SC.  
 South side of US Rte. 29 along  
 the Savannah River; S end of  
 Lake Hartwell.

- 3 4394 *Quercus nigra* L.  
 River's edge  
 12 4395 *Satureja georgiana* (Harper) Ahles  
 xeric woodland margin  
 3 4396 *Rhododendron minus* Michx.  
 7 4397 *Evonymus americanus* L.  
 8 4398 ~~Betula~~ *Alnus serrulata* (Ait.) Willd.  
 1 4399  
 5 4400 *Leucothoe axillaris* (Lam.) D. Don var.  
*editorum* (Fern. & Schwb.) Ahles  
 2 4401 *Oxydendrum arboreum* (L.) DC.

3 4402 *Rhododendron nudiflorum* (L.) Torr. det DEB

3 4403 *Cornus florida* L.

⑦ 31 AUGUST 1979. GREENVILLE Co., SC.  
✓ 1 km (0.6 mi) E of the Anderson  
County line on SC Rte. 8. East  
of Petzer. Heavily disturbed  
area.

1 4404 *Pinus virginiana* Miller

④ 31 AUGUST 1979. OCONEE Co., SC.  
✓ 0.5 km (0.3 mi) E of the Chauga  
River on US Rte 123, then 2.2 km  
(1.4 mi) on unnamed road, then W  
2.2 km (1.4 mi) on another unnamed  
road; W side of the Chauga River;  
W of Westminster.

5 4405 *Lespedeza bicolor* Turcz.

1 4406 *Alnus serrulata* (Aiton) Willd.

5 4407 *Pycnanthemum incanum* (L.) Michx.  
subsp. *loomisii* (Nutt.) Harner (ined.)

2 4408 *Phytolacca leptostachya* L. <sup>1990</sup> Det J.J. Harner

- 1 4409 *Evonymus americanus* L.
- 6 4410 *Vaccinium arboreum* Marshall
- 3 4411 *Cornus florida* L.
- 3 4412 *Celtis occidentalis* L. var. *georgiana*  
(Small) Ahles
- 3 4413 *Hydrangea arborescens* L. ssp. *arborescens*
- 1 4414 *Ligustrum sinense* Lour. det DEB
- 6 4415 *Crataegus uniflora* Muenchh.
- 1 4416 *Cornus stricta* Lam.  
(= *C. foemina* Mill.)
- 1 4417 *Cephalanthus occidentalis* L.

(3) 2 SEPT. 1979. Oconee Co., SC. 4.6 km  
(2.9 mi) WNW of US Rte 123 on  
Co. Rd. S-37-68; along the  
Tugaloo River. W of Westminster,  
SC.

- 3 4418 *Paulownia tomentosa* (Thunb.) Stuedel

(17)

3 SEPTEMBER 1979. HAYWOOD Co., NC.  
2.2 km (1.4 mi) S of Sunbust  
Recreation Area on NC Rt. 215;  
along the west fork of the Pigeon  
River. Elevation ca. 1000 m.

7 4419 *Rhododendron maximum* L.

7 4420 *Clethra acuminata* Michx.

3 4421 *Hydrangea arborescens* L. ssp.  
*arborescens*

(38)

3 SEPTEMBER 1979. MADISON Co., NC.  
0.15-0.8 km (0.1-0.5 mi) SW of  
State Rt. 212 on US Forest Service  
Rd. 275; SW of Rocky Fork, TN.  
Elev. ca. 1300 m.

2 4422 *Tsuga canadensis* (L.) Carr.

5 4423 *Sassafras albidum* (Nutt.) Nees

3 4424 *Betula alleghaniensis* Britt.

3 4425 *Campanula divaricata* Michx.

6 4426 *Impatiens pallida* Nutt.

- 6 4427 *Impatiens capensis* Meerb.  
3 4428 *Vernonia gigantea* (Walt.) Trel.  
(= *V. altissima* Nutt.)  
10 4429 *Clematis virginiana* L.

(4) 4 SEPTEMBER 1979. SMYTH Co., VA.  
0.15 km (0.1 mi) SW of Va. Rte.  
659, and 0.5 km (0.3 mi) SW of  
US Rte 11, on Va. Rte. 660; S of  
Marion. Roadside and RR tracks.

- 5 4430 *Erechtites*<sup>h</sup> *hieracifolia* (L.) Raf.  
1 4431 *Lonicera japonica* Thunb.  
6 4432 *Gaura biennis* L.  
2 4433 *Echium vulgare* L.  
15 4434 *Euphorbia maculata* L.  
2 4435 *Impatiens capensis* Meerb.  
2 4436 *Ligustrum*

8 4437 *Satureja vulgaris* (L.) Fritsch.

(5) 4 SEPT. 1979. Smyth Co., Va. Vicinity of the jct. of Va. Rte. 682 and US Rte. 11; SW of the town of Groseclose. Along RR tracks.

5 4438 *Hedeoma pulegioides* (L.) Pers.

(24)  
Pet or  
102  
4 SEPTEMBER 1979. WYTHE Co., VA.  
2.6 km (1.6 mi) S of the Bland Co.  
line on US Rte. 52; Walker Mtn.  
N of Wytheville. Xeric Quercus  
forest.

Marshall

1 4439 *Nyssa sylvatica*  $\frac{1}{4}$  var. *sylvatica*

4 4440 *Castanea pumila* (L.) Miller var. *pumila*

3 4441 *Gaylussacia baccata* (Wang.) K. Koch

5 4442 *Vaccinium vacillans* Torrey

5 4443 *Sassafras albidum* (Nutt.) Nees

No. \_\_\_\_\_

Identification list of *Salix*, collected by W. E. Wood and  
D. E. Boufford. (Det. by G. Murata)

- ✓3937 *Salix sachalinensis* Fr. Schum.
- ✓3862 " "
- ✓3748 *S. vulpina* Andersson
- ✓3897 *S. sieboldiana* Blume
- ✓3659 *S. alopochroa* Kimura
- ✓3936 *S. petsus* Kimura
- 19748 *S. subfragilis* Andersson
- ✓3690 *S. serissaefolia* Kimura
- ✓3907 *S. florida* Lacksch.



SUMMARY FOR 1979:

SETS OF 50:

29 sets of 50 (4203, 4205-4213;  
4216-4217; 4221-4223; 4225;  
4231-4240; 4243; 4245) - collected  
in PA & WV

996 specimens (207-CM; 789-EX)  
collected in SE US, Spring, 1979

485 specimens (211-CM; 774-EX)  
collected in E US, Summer/fall, 1979.

Total: Specimens for CM. 447  
for EX: 2484

56.0 - ~~Denn~~, Dryop, Sambucus pubens  
Armstrong Co., PA

57.0 - Mahoning River

1.0 mi N of the Mahoning R on PA  
Rte 28. S of Distant.

31728 - end

$$\frac{238}{4}$$

4  
 238  
 4  
 238  
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 238  
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 238  
 4  
 238

$$\frac{1.8}{2.3}$$

1.8  
 2.3  
 1.8  
 2.3  
 1.8  
 2.3  
 1.8  
 2.3  
 1.8  
 2.3

8/28 27.5 - C. quad, Azer  
33.8 - leave Okoppe-cho / enter <sup>43.4</sup> Nishiokeoppe

41.7 Okoppe stop #2 - Totsusu, C. hybrid  
at Sakonashi Bridge  
49.8 Kamiokoppe

