

52

PLANT MATERIAL FOR ANALYSIS

DATE

5-198

77

Economic Botany Laboratory
Plant Genetics and Germplasm Institute
Building 265, Agricultural Research Center-East
Beltsville, Maryland 20705

bk-bark
bu-bulb
ex-exudate
fl-flower
fr-fruit
if-inflorescence

lf-leaf
rb-rootbark
rh-rhizome
rt-root
sb-stembark
sd-seed

PLANT PART ABBREVIATIONS

st-stem
tu-tuber
tw-twig
uc-corm
wr-wood of roots (*bark removed*)
ws-wood of stems (*bark removed*)
ws-sb-wood of stem with bark

| :\$2 ACCESSION NO. | | :\$3 SPECIES | | :\$6 PLANT PARTS & AMOUNT | | :\$7 COLL. NO. | :\$8 DISTRI. & COLL. DATE | | :\$c |
|--------------------|------|----------------------------------|---|---------------------------|-------------------|----------------|---------------------------|--------------|------|
| :\$1N | :\$2 | :\$4 FAMILY | :\$5 SOURCE | | | | | | |
| \$1N | \$2 | PR-50951 \$4 Cryphaeaceae | \$3 <u>Dendroalsia abietina</u> (Hook.) E.G.B. \$5 California | \$6 | 3.25 lb. pl | \$7 SPJ-5419 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50952 \$4 Lembophyllaceae | \$3 <u>Isothecium stoloniferum</u> (Hook.) Brid. \$5 California | \$6 | 8.50 lb. pl | \$7 SPJ-5420 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50953 \$4 Grimmiaceae | \$3 <u>Rhacomitrium heterostichum</u> (Hedw.) Brid. \$5 California | \$6 | 3.50 lb. pl | \$7 SPJ-5421 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50954 \$4 Cryphaeaceae | \$3 <u>Antitrichia californica</u> Sull. \$5 California | \$6 | 4.00 lb. pl | \$7 SPJ-5423 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50955 \$4 Scrophulariaceae | \$3 <u>Pedicularis densiflora</u> Benth. ex Hook. \$5 California | \$6 | 3.25 lb. st-1f-fl | \$7 SPJ-5425 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50956 \$4 Brachytheciaceae | \$3 <u>Stokesiella oregana</u> (Sull.) Robins. \$5 California | \$6 | 2.75 lb. pl | \$7 SPJ-5426 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50957 \$4 Brachytheciaceae | \$3 <u>Scleropodium obtusifolium</u> Kindb. \$5 California | \$6 | 5.75 lb. pl | \$7 SPJ-5427 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50958 \$4 Lembophyllaceae | \$3 <u>Isothecium cristatum</u> (Hampe) Robins. \$5 California | \$6 | 4.75 lb. pl | \$7 SPJ-5428 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50959 \$4 Leucodontaceae | \$3 <u>Pterogonium gracile</u> (Hedw.) Bry. \$5 California | \$6 | 4.25 lb. pl | \$7 SPJ-5430 | \$8 | RALTECH 3/79 | \$c |
| \$1N | \$2 | PR-50960 \$4 Orobanchaceae | \$3 <u>Boschniakia strobilacea</u> Gray \$5 California | \$6 | 2.50 lb. rt | \$7 SPJ-5431 | \$8 | RALTECH 3/79 | \$c |

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|---------------------|----------------------|--|----------------|----------------------------|--|-----------------|-----------------------------|------|-------|
| | : \$4 FAMILY | | : \$5 SOURCE | | | | | | |
| \$1N | \$2 PR-50971 | \$3 <u>Plagiomnium venustum</u> (Mitt.) Kop. | \$5 California | \$6 3.00 lb. pl | | \$7 SPJ-5445 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Mniaceae | | | | | | | | |
| \$1N | \$2 PR-50972 | \$3 <u>Leucolepis acanthoneura</u> Lindb. | \$5 California | \$6 4.00 lb. pl | | \$7 SPJ-5446 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Mniaceae | | | | | | | | |
| \$1N | \$2 PR-50973 | \$3 <u>Claopodium crispifolium</u> (Hook.) R. & C. | \$5 California | \$6 3.00 lb. pl | | \$7 SPJ-5447 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Thuidaceae | | | | | | | | |
| \$1N | \$2 PR-50974 | \$3 <u>Hypnum subimponens</u> Lesq. | \$5 California | \$6 2.00 lb. pl | | \$7 SPJ-5448 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Hypnaceae | | | | | | | | |
| \$1N | \$2 PR-50975 | \$3 <u>Porella navicularis</u> (L. & L.) Lindb. | \$5 California | \$6 2.50 lb. pl | | \$7 SPJ-5449 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Porellaceae | | | | | | | | |
| \$1N | \$2 PR-50976 | \$3 <u>Smilacina stellata</u> (L.) Desf. var. <u>sessilifolia</u> (Baker) Henders. | \$5 California | \$6 1.75 lb. st-lf-fl | | \$7 SPJ-5450 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Liliaceae | | | | | | | | |
| \$1N | \$2 PR-50977 | \$3 <u>Dudleya farinosa</u> (Lindl.) Britt. | \$5 California | \$6 6.25 lb. st-lf | | \$7 SPJ-5451 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Crassulaceae | | | | | | | | |
| \$1N | \$2 PR-50978 | \$3 <u>Pickeringia montana</u> Nutt. | \$5 California | \$6 2.50 lb. rt | | \$7 SPJ-5452 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Fabaceae | | | | | | | | |
| \$1N | \$2 PR-50979 | \$3 <u>Pickeringia montana</u> Nutt. | \$5 California | \$6 3.00 lb. tw-lf-fl-fr | | \$7 SPJ-5452 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Fabaceae | | | | | | | | |
| \$1N | \$2 PR-50980 | \$3 <u>Orthocarpus faucibarbatatus</u> Gray | \$5 California | \$6 3.00 lb. rt-st-lf-fl | | \$7 SPJ5454 | \$8 RALTECH | 4/79 | \$c |
| | \$4 Scrophulariaceae | | | | | | | | |

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|--------------------|-------------------|--|----------------|---------------------------|----------------|----------------------------|------|
| \$1N \$2 PR-50981 | \$4 Saxifragaceae | \$3 <u>Ribes aureum</u> Pursh | California | \$6 2.75 lb. tw-lf-fl | \$7 SPJ-5455 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50982 | \$4 Asteraceae | \$3 <u>Eastwoodii elegans</u> Bdg. | \$5 California | \$6 2.75 lb. rt | \$7 SPJ-5456 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50983 | \$4 Asteraceae | \$3 <u>Eastwoodii elegans</u> Bdg. | \$5 California | \$6 2.25 lb. st-lf | \$7 SPJ-5456 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50984 | \$4 Saxifragaceae | \$3 <u>Carpenteria californica</u> Torr. | \$5 California | \$6 3.50 lb. tw-lf | \$7 SPJ-5458 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50985 | \$4 Asteraceae | \$3 <u>Coreopsis calliopsida</u> (DC.) Gray | \$5 California | \$6 3.00 lb. rt-st-lf-fl | \$7 SPJ-5459 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50986 | \$4 Asteraceae | \$3 <u>Haplopappus cooperi</u> (Gray) Hall. | \$5 California | \$6 2.25 lb. rt | \$7 SPJ-5461 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50987 | \$4 Asteraceae | \$3 <u>Haplopappus cooperi</u> (Gray) Hall. | \$5 California | \$6 2.75 lb. st-lf | \$7 SPJ-5461 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50988 | \$4 Asteraceae | \$3 <u>Tetradymia stenolepis</u> Greene | \$5 California | \$6 2.50 lb. rt | \$7 SPJ-5462 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50989 | \$4 Asteraceae | \$3 <u>Tetradymia stenolepis</u> Greene | \$5 California | \$6 3.00 lb. tw-lf | \$7 SPJ-5462 | \$8 RALTECH 4/79 | \$c |
| \$1N \$2 PR-50990 | \$4 Asteraceae | \$3 <u>Acamptopappus sphaerocephalus</u> (Harv. & Gray) Gray var. <u>hirtellus</u> Blake | \$5 California | \$6 2.75 lb. rt | \$7 SPJ-5463 | \$8 RALTECH 4/79 | \$c |

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5-18-- 79

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PLANT PART ABBREVIATIONS

| | | |
|------------------|-------------|--|
| bk-bark | lf-leaf | st-stem |
| bu-bulb | rb-rootbark | tu-tuber |
| ex-exudate | rh-rhizome | tw-twig |
| fl-flower | rt-root | uc-corm |
| fr-fruit | sb-stembark | wr-wood of roots (<i>bark removed</i>) |
| if-inflorescence | sd-seed | ws-wood of stems (<i>bark removed</i>) |
| | | ws-sb-wood of stem with bark |

| :\$2 | ACCESSION NO. | :\$3 | SPECIES | :\$4 | FAMILY | :\$5 | SOURCE | :\$6 | PLANT PARTS & AMOUNT | :\$7 | COLL. NO. | :\$8 | DISTRIB. & COLL. DATE | :\$c |
|------|---------------|----------|--|------|---------------|------|------------|------|------------------------|------|-----------|------|-----------------------|------|
| \$1N | \$2 | PR-50991 | \$3 <u>Acamptopappus sphaerocephalus</u> (Harv. & Gray) Gray var. <u>hirtellus</u> Blake | \$4 | Asteraceae | \$5 | California | \$6 | 3.00 lb. st-1f | \$7 | SPJ-5463 | \$8 | RALTECH 4/79 | \$c |
| \$1N | \$2 | PR-50992 | \$3 <u>Amhipappus fremontii</u> T. & G. | \$4 | Asteraceae | \$5 | California | \$6 | 3.00 lb. rt | \$7 | SPJ-5470 | \$8 | RALTECH 4/79 | \$c |
| \$1N | \$2 | PR-50993 | \$3 <u>Amhipappus fremontii</u> T. & G. | \$4 | Asteraceae | \$5 | California | \$6 | 3.50 lb. st-1f-fl | \$7 | SPJ-5470 | \$8 | RALTECH 4/79 | \$c |
| \$1N | \$2 | PR-50994 | \$3 <u>Haplopappus brickelioides</u> Blake | \$4 | Asteraceae | \$5 | California | \$6 | 2.00 lb. rt | \$7 | SPJ-5472 | \$8 | RALTECH 4/79 | \$c |
| \$1N | \$2 | PR-50995 | \$3 <u>Haplopappus brickelioides</u> Blake | \$4 | Asteraceae | \$5 | California | \$6 | 2.50 lb. st-1f | \$7 | SPJ-5472 | \$8 | RALTECH 4/79 | \$c |
| \$1N | \$2 | PR-50996 | \$3 <u>Eucnide urens</u> Parry | \$4 | Loasaceae | \$5 | California | \$6 | 2.75 lb. st-1f-fl(bud) | \$7 | SPJ-5473 | \$8 | RALTECH 4/79 | \$c |
| \$1N | \$2 | PR-50997 | \$3 <u>Leptodactylon pungens</u> (Torr.) Rydb. | \$4 | Polemoniaceae | \$5 | Nevada | \$6 | 3.50 lb. st-1f-fl(bud) | \$7 | SPJ-5476 | \$8 | RALTECH 4/79 | \$c |

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6-15-79

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|--------------------|---|---------------------|-------------|---------------------------|----------------|----------------------------|---------|
| \$1N \$2 PR-51101 | \$3 <u>Ribes indecorum</u> Eastw. | \$4 Saxifragaceae | \$5 Mexico | \$6 2.25 lb. rt | \$7 SPJ-5276 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51102 | \$3 <u>Ribes indecorum</u> Eastw. | \$4 Saxifragaceae | \$5 Mexico | \$6 7.00 lb. st-1f-fl | \$7 SPJ-5276 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51103 | \$3 <u>Ornithostaphylos oppositifolia</u> Small | \$4 Ericaceae | \$5 Mexico | \$6 3.25 lb. rt | \$7 SPJ-5277 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51104 | \$3 <u>Lupinus</u> sp. | \$4 Fabaceae | \$5 Mexico | \$6 3.25 lb. rt | \$7 SPJ-5278 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51105 | \$3 <u>Adolphia californica</u> Wats. | \$4 Rhamnaceae | \$5 Mexico | \$6 4.50 lb. rt | \$7 SPJ-5280 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51106 | \$3 <u>Adolphia californica</u> Wats. | \$4 Rhamnaceae | \$5 Mexico | \$6 4.75 lb. st-1f-fl | \$7 SPJ-5280 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51107 | \$3 <u>Phacelia ixodes</u> Kell. | \$4 Hydrophyllaceae | \$5 Mexico | \$6 1.75 lb. rt | \$7 SPJ-5281 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51108 | \$3 <u>Phacelia ixodes</u> Kell. | \$4 Hydrophyllaceae | \$5 Mexico | \$6 2.75 lb. 1f | \$7 SPJ-5281 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51109 | \$3 <u>Dudleya pulverulenta</u> (Nutt.) Britt. & Rose | \$4 Crassulaceae | \$5 Mexico | \$6 2.25 lb. rt-st | \$7 SPJ-5282 | \$8 RALTECH 2/79 | \$9 \$c |
| \$1N \$2 PR-51110 | \$3 <u>Dudleya pulverulenta</u> (Nutt.) Britt. & Rose | \$4 Crassulaceae | \$5 Mexico | \$6 2.25 lb. 1f | \$7 SPJ-5282 | \$8 RALTECH 2/79 | \$9 \$c |

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|--------------------|--|------------------|----------------|----------------------------------|----------------|----------------------------|---------|
| \$1N \$2 PR-81254 | \$3 <u>Petasites palmata</u> (Ait.) Gray | \$4 Asteraceae | \$5 California | \$6 1.75 lb. rt-rh | \$7 SPJ-5418 | \$8 RALTECH 3/79 | \$9 \$c |
| \$1N \$2 PR-81255 | \$3 <u>Petasites palmata</u> (Ait.) Gray | \$4 Asteraceae | \$5 California | \$6 1.75 lb. lf | \$7 SPJ-5418 | \$8 RALTECH 3/79 | \$9 \$c |
| \$1N \$2 PR-81256 | \$3 <u>Petasites palmata</u> (Ait.) Gray | \$4 Asteraceae | \$5 California | \$6 2.00 lb. lf(fl-fr) | \$7 SPJ-5418 | \$8 RALTECH 3/79 | \$9 \$c |
| \$1N \$2 PR-81257 | \$3 <u>Buddleja utahensis</u> Cov. | \$4 Buddlejaceae | \$5 Nevada | \$6 2.25 lb. rt | \$7 SPJ-5478 | \$8 RALTECH 3/79 | \$9 \$c |
| \$1N \$2 PR-81258 | \$3 <u>Buddleja utahensis</u> Cov. | \$4 Buddlejaceae | \$5 Nevada | \$6 2.75 lb. rt lf-fl | \$7 SPJ-5478 | \$8 RALTECH 3/79 | \$9 \$c |

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| | :\$4 FAMILY | | :\$5 SOURCE | | | | | |
| \$1N | \$2 PR-51435 \$4 Fabaceae | \$3 <u>Prosopis articulata</u> Wats. | \$5 Mexico | \$6 3.75 lb. sb | | \$7 SPJ-5353 | \$8 RALTECH 3/79 | \$c |
| \$1N | \$2 PR-51436 \$4 Usneaceae | \$3 <u>Ramalina</u> sp. | \$5 Mexico | \$6 2.25 lb. pl | | \$7 SPJ-5371 | \$8 RALTECH 3/79 | \$c |
| \$1N | \$2 PR-51438 \$4 Rhamnaceae | \$3 <u>Karwinskia parvifolia</u> Rose | \$5 Mexico | \$6 3.25 lb. tw-lf-fr | | \$7 SPJ-5398 | \$8 RALTECH 3/79 | \$c |
| \$1N | \$2 PR-51439 \$4 Anacardiaceae | \$3 <u>Cyrtocarpus edulis</u> (Benth.) Coville | \$5 Mexico | \$6 2.25 lb. sb | | \$7 SPJ-5400 | \$8 RALTECH 3/79 | \$c |
| \$1N | \$2 PR-51440 \$4 Anacardiaceae | \$3 <u>Cyrtocarpus edulis</u> (Benth.) Coville | \$5 Mexico | \$6 2.75 lb. tw-lf | | \$7 SPJ-5400 | \$8 RALTECH 3/79 | \$c |
| \$1N | \$2 PR-51441 \$4 Acanthaceae | \$3 <u>Ruellia peninsularis</u> Johnst. | \$5 Mexico | \$6 7.00 lb. rt-st-lf-fl | | \$7 SPJ-5327 | \$8 RALTECH 3/79 | \$c |
| \$1N | \$2 PR-51442 \$4 Brachytheciaceae | \$3 <u>Homalothecium arenarium</u> (Sesq.) Lawt. | \$5 Mexico | \$6 3.25 lb. pl | | \$7 SPJ-5283 | \$8 RALTECH 2/79 | \$c |