

RESEARCH REPORTS

List of plants collected at the old Flemington Saleyards, Sydney, New South Wales

M. Gray

Australian National Herbarium, Division of Plant Industry, CSIRO,
G.P.O. Box 1600, Canberra, A.C.T. 2601

P. W. Michael

Department of Agronomy and Horticultural Science, Faculty of Agriculture,
University of Sydney, N.S.W. 2006

Introduction

Movements of livestock and fodder have long been recognized as important factors in the spread of plants from one place to another. The Flemington Saleyards in Sydney were a major focus of stock movements between 1882 and 1968 from all over New South Wales and parts of adjacent States. Records of the plants brought in by stock and stock fodder are vital to a better understanding of the spread, distribution and weedy potential of plants in Australia. This list, believed to be the first of its kind for Australia, is expected to be of considerable interest to botanists engaged in studies on adventive flora, as many of the species involved have been found especially as wool adventives in other parts of the world (Thellung 1912; Hayward and Druce 1919; Probst 1949).

The preparation of such a list involves not only extensive and intensive collection, but also serious taxonomic study to resolve many of the problems encountered in plant identification. Useful gains to taxonomic knowledge result from such work. In the present study, for example, *Tetragonia microptera* has been recorded for the first time in Australia, and similarly *Poa infirma* was first recognized as occurring in Australia from plants collected at the Saleyards (Gray 1974); in addition, collections of *Amaranthus* made at the Saleyards provided the beginnings of a serious study on a group of species, two of which were recognized for the first time in Australia (Michael 1977).

It has not yet been possible to identify all the species collected, e.g. a species of *Onopordum* which is common in parts of the Southern Tablelands of New South Wales.

Of the 369 taxa included in the list, 231 are known to be naturalized in Australia and 127 are native. Of the 231 naturalized taxa, 205 are commonly found in the Sydney Metropolitan Area, 23 are believed to have been brought in to the Flemington Saleyards with stock and/or fodder and three were probably brought in to the Saleyards in this way.

Of the 127 taxa native to Australia, 60 occur in the Sydney Metropolitan Area, 61 are believed to have been brought in to the Flemington Saleyards with stock and/or fodder and six were probably brought in to the Saleyards in this way.

A further nine taxa were probably introduced into Australia and have become naturalized in the Sydney Metropolitan Area.

The remaining two taxa, a narrow leaved form of *Portulaca oleracea* and *Echinochloa colona*, of doubtful origin, were presumably brought in to the Saleyards.

From the viewpoint of plant geography and agriculture, those 86 taxa (23 naturalized, 61 native and two of doubtful origin) believed to have been brought in from other parts of New South Wales or from adjoining States and which became established in the Saleyards are especially significant in that they indicate a wider weedy potential in Australia and elsewhere.

History of the Flemington Saleyards

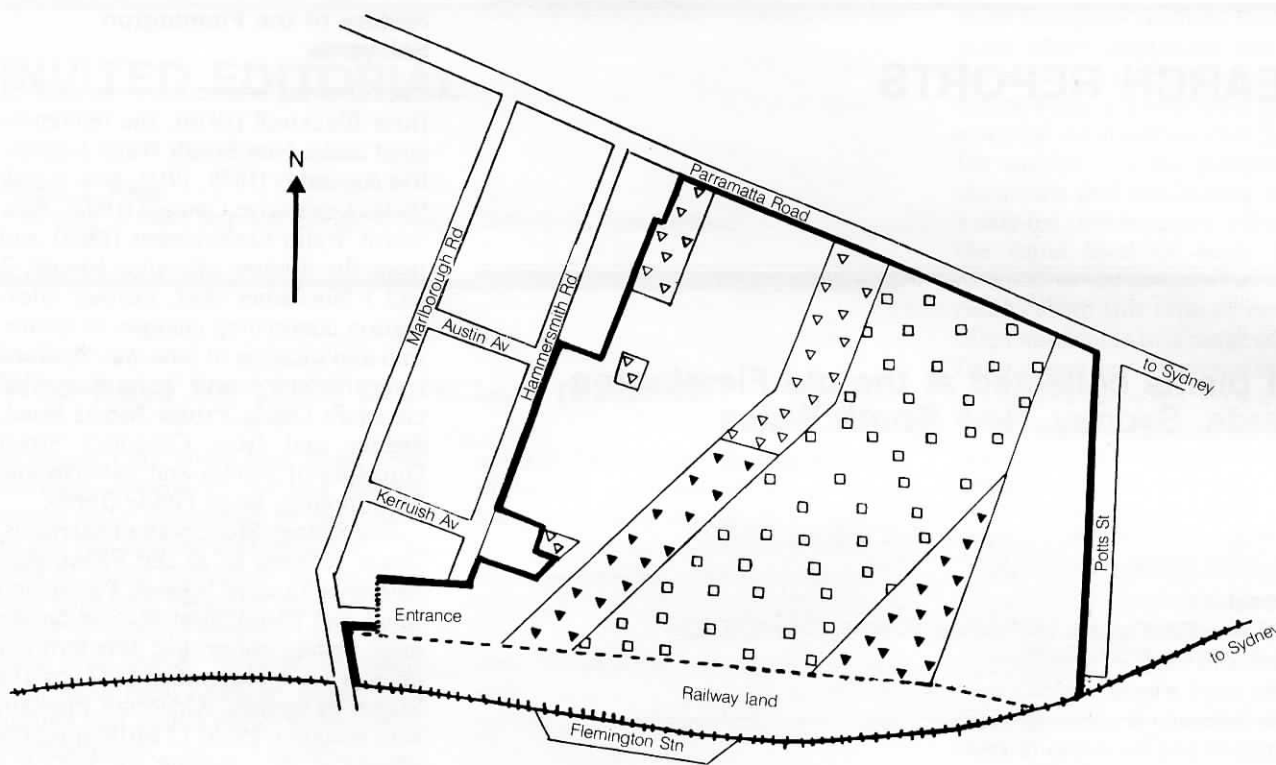
The following brief history was derived from Blackwell (1970), the references cited under New South Wales Legislative Assembly (1878, 1911), New South Wales Legislative Council (1902), New South Wales Government (1962) and from the *Sydney Morning Herald*, 2 and 3 November 1882. Further information concerning changes in ownership and location of land was obtained from the New South Wales Registrar-General's Office, Prince Albert Road, Sydney and from Gregory's Street Directory of Sydney and Suburbs and Metropolitan Road Guide (1966).

The Sydney Metropolitan Saleyards, herein referred to as the Flemington Saleyards, situated between Parramatta Road and Flemington Station on the main western railway line were formally opened on 1 November 1882, by the Mayor of Sydney, Alderman Playfair, who bought a lot of 12 cattle specially offered at the opening for £11.7.6 a head. The first full sale was held the following day. Earlier, livestock for the Sydney market had been sold principally at privately owned yards, first at Fullagar's yards near Blacktown and later at two yards in nearby Homebush, owned by the trustees of the Underwood Estate and Mr Fitzwilliam Wentworth.

The area of the yards and holding paddocks was originally 16.39 ha (40½ ac.), including 11.74 ha (29 ac.) acquired from the Underwood Estate and 4.65 ha (11½ ac.) adjoining. By 1911, the area held by the Municipality had increased to 26.71 ha (66 ac.). The auctioneers Pitt, Son and Badgery held an adjoining holding area of 4.45 ha (11 ac.). By the 1960s the total area of the Flemington Saleyards, including holding paddocks and land owned by Pitt, Son and Badgery had been increased to about 34.4 ha (85 ac.). See Map 1.

In 1968 when new saleyards built by the Metropolitan Meat Industry Board were opened for public use on a nearby site north of Parramatta Road, adjacent to the Homebush Abattoirs, the Flemington Saleyards were relinquished and became idle. The whole area was taken over by the State Planning Authority of New South Wales in July 1969. The old site is now occupied by the Sydney Farm Produce Markets under the control of the Sydney Farm Produce Market Authority. The Farm Produce Markets were opened on 8 September 1975.

The abandonment of the old Saleyards in 1968 resulted in copious plant growth and most of the plants cited in



Map 1 The old Flemington Saleyards, 1969. The plants included in the accompanying list were collected in the area bounded by the bold line and the railway line. (□ original area of saleyards in 1882; ▼, land owned by Pitt, Son & Badgery, 1885-1969; ▽, other land owned by Pitt, Son & Badgery, 1885-1910.)

0 m 100 m 200 m

the accompanying list were collected by E. J. McBarron, W. Reyenga and the authors between 1968 and 1972 when building operations for the Farm Produce Markets began. Plants included in the list were collected over a very short period and it is likely that many additional species may have become established for a shorter or longer time during the life of the Saleyards from 1882 to 1968.

Arrangement of the list

We have followed Cronquist (1981) in the application of Family names, and these are arranged alphabetically under Magnoliopsida (Dicotyledons) and Liliopsida (Monocotyledons) respectively. Genera are arranged alphabetically within the Families. With regard to the citation of authors of botanical names, we have followed the Draft Index of Author Abbreviations compiled at The Herbarium, Royal Botanic Gardens, Kew (1980).

The botanical names of the species mainly agree with those found in the basic checklist of New South Wales plants published by the National Herbarium of New South Wales (Jacobs and

Pickard 1981). Where either the names or authorities differ from the latter, or where subsequent references to the literature are thought relevant, we have referred to these throughout under the names concerned. Common names are those used in Hartley (1979).

Voucher specimens are quoted in parenthesis for all species in the list. Those designated 'CANB' are housed at the Australian National Herbarium in Canberra, A.C.T., and where followed by (NSW), a duplicate of the collection is housed at the National Herbarium of New South Wales, Sydney. Those vouchers designated 'McB', followed by a number, date of collection, and 'NSW', are originally from the collection of E. J. McBarron, and are now housed at the National Herbarium of New South Wales, Sydney.

Symbols

* Species introduced to Australia and naturalized in the Sydney Metropolitan Area.

(?)* Species or forms of species not certainly introduced to Australia.

! Native species not normally found in the Sydney Metropolitan Area and probably introduced to the old Flemington Saleyards with stock and/or fodder.

!(?)* Species or forms of species not certainly introduced to Australia and probably introduced to the Saleyards with stock and/or fodder.

(?!)* Native species, uncertain whether originally found in the Sydney Metropolitan Area or introduced to the Saleyards with stock and/or fodder.

(?!)* Species introduced to Australia, occasionally found in the Sydney Metropolitan Area but uncertain whether introduced to the Saleyards with stock and/or fodder.

!* Species introduced to Australia, not normally found in the Sydney Metropolitan Area and probably introduced to the Saleyards with stock and/or fodder.

No symbol indicates that the species is regarded as being native to the Sydney Metropolitan Area.

MAGNOLIOPHYTA (ANGIOSPERMAE)

MAGNOLIOPSIDA (DICOTYLEDONS)

AIZOACEAE

Tetragonia L.

- !**T. microptera* Fenzl (McB.15502,10.viii.1968,NSW)
This is a new record for Australia.

Trianthema L.

- !**T. portulacastrum* L. Giant pigweed (McB.16305,2.iii.1969,NSW)
!**T. triquetra* Willd. var. *triquetra* Red spinach (CANB 289516 (NSW))
See Eichler (1965); Prescott (1984).

Zaleya Burm.f.

- !*Z. galericulata* (Melville) H. Eichler Hogweed (McB.16309,2.iii.1969,NSW 88846)
!**Z. sp. (Trianthema australis* Melville) (CANB 300295 (NSW))

AMARANTHACEAE

Alternanthera Forsskal

This genus is under revision. The taxa at present recognized are very variable.

- !**A. angustifolia* R.Br. (*sens.lat.*) (McB.15501,10.viii.1968,NSW)
This species is native to Australia.
(?!)**A. denticulata* R.Br.-*A. nodiflora* R.Br.complex (CANB 332110 (NSW))
A. denticulata s.str. occurs naturally in the Sydney area; however, many of the plants at Flemington appear to show some influence of *A. nodiflora* and are introduced from western areas.
!**A. denticulata* R.Br. (small-leaved form) (CANB 332094)
This is referred to as *Alternanthera sp. A.* in Jacobs *et al.* (1981).
!**A. nana* R.Br. Hairy joyweed (CANB 332088)
!**A. pungens* Kunth Khaki weed (CANB 289585 (NSW))

Amaranthus L.

- **A. albus* L. Tumbleweed (CANB 289627 (NSW))
**A. deflexus* L. Spreading amaranth (McB.16165,28.xii.1968,NSW)
**A. hybridus* L. Slim amaranth (CANB 289630 (NSW))
**A. lividus* L. (McB.17958,27.ix.1969,NSW)
!**A. macrocarpus* Benth. var. *macrocarpus* Dwarf amaranth (CANB 289586 (NSW))
!**A. mitchellii* Benth. Boggabri weed (McB.16301,2.iii.1969,NSW)
**A. powellii* S. Watson Powell's amaranth (CANB 289628 (NSW))
**A. powellii* S. Watson X *A. quitensis* Kunth (CANB 332087 (NSW))
!**A. quitensis* Kunth South American amaranth (CANB 289631 (NSW))
!**A. retroflexus* L. Redroot amaranth (CANB 289629 (NSW))
**A. viridis* L. Green amaranth (CANB 289587 (NSW))

Gomphrena L.

- (?!)**G. celosioides* C. Martius Gomphrena weed (CANB 289559 (NSW))

ANACARDIACEAE

Schinus L.

- **S. areira* L. Pepper tree (CANB 289509 (NSW))
Probably planted as shade for stock.

APIACEAE

Conium L.

- **C. maculatum* L. Hemlock (McB.15644,7.ix.1968,NSW)
Daucus L.
D. glochidiatus (Labill.) Fischer *et al.* Australian carrot (CANB 289533)

ASCLEPIADACEAE

Araujia Brot.

- **A. hortorum* Fourn. Mothplant (CANB 332097)

ASTERACEAE

Ageratina Spach

- **A. adenophora* (Sprengel) R. King et H. Robinson Crofton weed (CANB 300309)

Anthemis L.

- **A. cotula* L. Stinking mayweed (CANB 332109 (NSW))

Arctotheca Wendl.

- **A. calendula* (L.) Levyns Capeweed (CANB 300273)

Aster L.

- **A. subulatus* Michaux Bushy starwort (CANB 289530 (NSW))

Bidens L.

- **B. pilosa* L. Cobbler's pegs (CANB 300290)

Calocephalus R.Br.

- !**C. sonderi* F.Muell. Pale beautyheads (CANB 289515)

Calotis R.Br.

- C. cuneifolia* R.Br. (CANB 289544)
!**C. hispidula* (F.Muell.)F.Muell. Bogan flea (CANB 300288)
C. lappulacea Benth. Yellow burr daisy (CANB 289545 (NSW))

Carduus L.

- **C. tenuiflorus* Curtis Slender thistle (McB.15887,28.ix.1968,NSW)

Carthamus L.

- **C. lanatus* L. Saffron thistle (CANB 289535 (NSW))

Cassinia R.Br.

- !**C. arcuata* R.Br. Chinese shrub (CANB 289511 (NSW))

Centaurea L.

- **C. calcitrapa* L. Star thistle (CANB 300287 (NSW))
**C. solstitialis* L. St Barnaby's thistle (CANB 289593)

Chondrilla L.

- **C. juncea* L. Skeleton weed (McB.16253,27.i.1969,NSW)

Cichorium L.

- **C. intybus* L. Chicory (CANB 300289 (NSW))

Cirsium Miller

- **C. vulgare* (Savi) Ten. Spear thistle (CANB 289502)

Conyza Less.

- **C. albidia* Willd. ex Sprengel Tall fleabane (CANB 332086)
**C. bonariensis* (L.) Cronq. Flaxleaf fleabane (CANB 300285 (NSW))

Cotula L.

- C. australis* (Sieber ex Sprengel) Hook.f. Common cotula (CANB 289508 (NSW))

- C. coronopifolia* L. Waterbutts (CANB 289510)

Dittrichia Greuter

- **D. graveolens* (L.) Greuter Stinkwort (CANB 289548)

Galinsoga Ruiz Lopez et Pavon

- **G. parviflora* Cav. Potato weed (CANB 300275)

Gnaphalium L.

- **G. coarctatum* Willd. (*G. spicatum* auct.) Spiked cudweed (CANB 289589)
See Hilliard et Burt (1981a).

Hedypnois Miller

- **H. rhagadioloides* (L.) F.W.Schmidt (*sens.lat.*) Cretan weed (McB.15528,10.viii.1968,NSW)
See Greuter (1976); Nordenstam (1977).

Helipterum DC.

- !**H. corymbiflorum* Schldl. Small white sunray (McB.15859,28.ix.1968,NSW)

- !**H. pygmaeum* (DC.) Benth. Pigmy sunray (McB.15554,24.viii.1968,NSW)

Hypochoeris L.

- **H. radicata* L. Catsear (CANB 300276 (NSW))

Lactuca L.

- **L. saligna* L. Wild lettuce (McB.16248,27.i.1969,NSW)
**L. serriola* L. Prickly lettuce (CANB 300271)

Leontodon L.

- **L. taraxacoides* (Villars) Mérat Hairy hawkbit (CANB 289569)

Onopordum L.

- !**O. acanthium* L. Cotton thistle (CANB 289566 (NSW))

- !**O. illyricum* L. Illyrian thistle (CANB 289567 (NSW))

- !**O. sp.* (CANB 289568 (NSW))

Pseudognaphalium Kirpiczn.

- **P. luteo-album* (L.) Hilliard et Burt Jersey cudweed (CANB 332099)
(syn. *Gnaphalium luteo-album* L.)
See Hilliard et Burt (1981b).

Schkuhria Roth

- **S. pinnata* var. *abrotanoides* (Roth) Cabrera Dwarf marigold (McB.16368,5.iv.1969,NSW 88409)

Senecio L.

- **S. madagascariensis* Poir (CANB 289504 (NSW))

- See Nelson et Michael (1982)

- **S. vulgaris* L. Common groundsel (CANB 289505)

Silybum Adans.

- **S. marianum* (L.) Gaertner Variegated thistle (CANB 289506)

Soliva Ruiz Lopez et Pavon

- **S. pterosperma* (Juss.) Less. Jo jo (CANB 289507 (NSW))

Sonchus L.

- **S. asper* ssp. *glaucescens* (Jordan) Ball Rough sowthistle (CANB 332066)

- **S. oleraceus* L. Common sowthistle (CANB 289664)

Tanacetum L.

- **T. parthenium* (L.) Schultz-Bip. Feverfew (CANB 289564)

Taraxacum G. Weber ex Wiggers

- **T.* sp. (CANB 332082)
**T.* sp. (CANB 332098)

Vittadinia A. Rich.

- ! **V. gracilis* (Hook. f.) N. Burb. (CANB 289570 (NSW))
See Burbidge (1982).

Xanthium L.

- **X. occidentale* Bertol. Noogoora burr (CANB 300277 (NSW))
**X. spinosum* L. Bathurst burr (CANB 300278)

BASELLACEAE

Anredera A.L. Juss.

- **A. cordifolia* (Ten.) Steenis Madeira vine (CANB 289626 (NSW))

BORAGINACEAE

Amsinckia Lehm.

- ! **A. calycina* (Moris) Chater Yellow burrweed (CANB 289662 (NSW))

Cynoglossum L.

- C. australe* R. Br. Australian hound's tongue (CANB 289513)

Echium L.

- **E. plantagineum* L. Paterson's curse (CANB 300272 (NSW))

Heliotropium L.

- **H. europaeum* L. Common heliotrope (McB.16317,2.iii.1969,NSW)

Lithospermum L.

- **L. arvense* L. Corn gromwell (CANB 289514)
(syn. *Buglossoides arvensis* (L.) I.M. Johnston)

BRASSICACEAE

Brassica L.

- **B. rapa* ssp. *sylvestris* (L.) Janchen Rapeseed (CANB 332111)

Capsella Medikus

- **C. bursa-pastoris* (L.) Medikus Shepherd's purse (CANB 289539)
(incl. *C. rubella* Reuter)
See Svensson (1983).

Coronopus Zinn

- **C. didymus* (L.) Smith Lesser swinecress (CANB 289525)

Hirschfeldia Moench

- **H. incana* (L.) Lagr.-Fossat Buchan weed (CANB 289526)

Lepidium L.

- **L. africanum* (N. Burm.) DC. Common peppergrass (CANB 289538 (NSW))

- **L. bonariense* L. Argentine peppergrass (CANB 289537)

- ! *L. fasciculatum* Thell. Bundled peppergrass (McB.15553,24.viii.1968,NSW)

Raphanus L.

- **R. raphanistrum* L. Wild radish (CANB 289519)

Rapistrum Crantz

- **R. rugosum* (L.) All. Turnip weed (CANB 289520)

Rorippa Scop.

- ! *R. eustylis* (F. Muell.) L. Johnson (CANB 289536 (NSW))

Sisymbrium L.

- ! **S. erysimoides* Desf. Smooth mustard (CANB 289521)

- **S. irio* L. London rocket (CANB 289522)

- **S. officinale* (L.) Scop. Hedge mustard (CANB 289523)

- **S. orientale* L. Indian hedge mustard (CANB 289524)

CAESALPINIACEAE

Cassia L.

- C. barclayana* Sweet var. *barclayana* Pepperleaf senna (CANB 289518 (NSW))

CALLITRICHACEAE

Callitriche L.

- (?*) *C. stagnalis* Scop. Common starwort (CANB 332083 (NSW))

CAMPANULACEAE

Pratia Gaudich.

- P. concolor* (R. Br.) Druce Poison pratia (McB.15504,10.viii.1968,NSW 146879)

Wahlenbergia Schrader

- W. gracilis* (Forster f.) Schrader (CANB 332101)

CARYOPHYLLACEAE

Cerastium L.

- **C. glomeratum* Thuill. Mouse-ear chickweed (CANB 289612)

Paronychia Miller

- **P. brasiliensis* DC. Brazilian whitlow (CANB 300281)

Spergula L.

- **S. arvensis* L. Corn spurry (CANB 289582 (NSW))

Spergularia (Pers.) J.S. et C. Presl

- **S. rubra* (L.) J.S. et C. Presl Sand spurry (CANB 289583 (NSW))

Stellaria L.

- **S. media* (L.) Cirillo Chickweed (CANB 289610 (NSW))
See Willis (1973)

- **S. pallida* (Dumort.) Piré (CANB 300314)

- See Eichler (1965); Burbidge et Gray (1970); Willis (1973).

CHENOPODIACEAE

Atriplex L.

- ! *A. eardleyae* Aellen (McB.15893,28.ix.1968,NSW)

- ! *A. leptocarpa* F. Muell. Slender-fruit saltbush (CANB 332108 (NSW))

- ! *A. muelleri* Benth. Mueller's saltbush (CANB 332096)

- **A. prostrata* Boucher ex DC. ssp. *prostrata* Hastate orache (McB.16263,27.i.1969,NSW)

(A. hastata auct. austral.)

- Gustafsson (1976) has indicated that *A. hastata* L. is a *nomen ambiguum*; Wilson (1984)

- ! *A. pseudocampanulata* Aellen (McB.16105,2.xi.1968,NSW)

- ! *A. pumilio* R. Br. (McB.16164,28.xii.1968,NSW,88819)

- ! *A. semibaccata* R. Br. Creeping saltbush (McB.16364,5.iv.1969,NSW,88848)

- McB.16168,28.xii.1968 (NSW 88838) appears to intergrade with *A. spinibractea* R. Anderson.

- ! *A. sturtii* S. Jacobs (CANB 332107)

(syn. A. leptocarpa forma *minor* R. Anderson)

- See Jacobs (1983); Wilson (1984).

- ! *A. suberecta* I. Verd. (McB.15562,24.viii.1968,NSW)

Chenopodium L.

- **C. album* L. Fat-hen (CANB 300303 (NSW))

- **C. ambrosioides* L. Mexican tea (CANB 300302 (NSW))

- **C. carinatum* R. Br. Keeled goosefoot (McB.16109,2.xi.1968,NSW (in part))

- McBarron 16109 is a mixed collection — see *C. cristatum* below.

- ! *C. cristatum* (F. Muell.) F. Muell. Crested goosefoot (McB.16109,2.xi.1968,NSW (in part))

- McBarron 16109 is a mixed collection — see *C. carinatum* above.

- ! *C. desertorum* ssp. *anidiophyllum* (Aellen) Paul G. Wilson (CANB 300305)

See Wilson (1983, 1984)

- ! *C. melanocarpum* (J. Black) J. Black Black crumbweed (McB.16101,2.xi.1968,NSW)

- **C. multifidum* L. Scented goosefoot (CANB 300300 (NSW))

- **C. murale* L. Nettleleaf goosefoot (CANB 289594)

- C. pumilio* R. Br. Clammy goosefoot (McB.16257,27.i.1969,NSW)

- ! *C. truncatum* Paul G. Wilson (McB.16187,28.xii.1968,NSW)

See Wilson (1983, 1984).

Dysphania R. Br.

- D. glomulifera* (Nees) Paul G. Wilson ssp. *glomulifera*. Red crumbweed (CANB 289540)

(syn. D. myriocephala Benth.)

- See Wilson (1983, 1984).

Einadia Raf.

- E. nutans* (R. Br.) A. J. Scott ssp. *nutans* Climbing saltbush (McB.16244,27.i.1969,NSW)

(syn. Rhagodia nutans R. Br.)

- See Wilson (1983, 1984).

- (?*) *E. polygonoides* (Murr) Paul G. Wilson (CANB 300304 (NSW))
(syn. *Chenopodium polygonoides* (Murr) Aellen)

See Wilson (1983, 1984).

- E. trigonos* ssp. *stellulata* (Benth.) Paul G. Wilson Fishweed (CANB 300306)

(syn. Chenopodium triangulare var. *stellulatum* Benth.)

- See Wilson (1983, 1984).

Maireana Moq.

- ! *M. coronata* (J. Black) Paul G. Wilson (McB.16153,28.xii.1968,NSW)

- ! *M. microphylla* (Moq.) Paul G. Wilson (CANB 289611 (NSW))

Neobassia A. J. Scott

- ! *N. proceriflora* (F. Muell.) A. J. Scott Soda bush (McB.15870,28.ix.1968,NSW)

Salsola L.

- (?*) *S. australis* R. Br. Prickly saltwort (CANB 332102)

(syn. S. kali auct. austral.; *S. kali* ssp. *austroriparica* Aellen; *S. ruthenica* Iljin; *S. pestifer* Nelson)

- See Eichler (1965); Boichantzev (1974) who regards this as a European species introduced elsewhere.

Scleroblitum Ulbr.

- ! *S. atriplicinum* (F. Muell.) Ulbr. Purple goosefoot (McB.15667,7.ix.1968,NSW)

Sclerolaena R.Br.

- !S. *bicornis* var. *horrida* Domin Goathead burr (CANB 289623)
 !S. *birchii* (F.Muell.) Domin Galvanized burr (CANB 289624 (NSW))
 !S. *calcarata* (Ising) A.J.Scott Redburr (CANB 289644 (NSW))
 !S. *muricata* (Moq.) Domin var. *muricata* Black roly-poly (CANB 300296)
 See Ising (1964); Wilson (1984)
 !S. *muricata* var. *semiglabra* (Ising) A.J.Scott Black roly-poly (CANB 300298 (NSW))
 !S. *muricata* var. *villosa* (Benth.) Ulbr. Black roly-poly (CANB 300297)
 See Ising (1964); Scott (1978); Wilson (1984).
 !S. *tricuspidis* (F.Muell.) Ulbr. Giant redburr (CANB 300299)

CONVOLVULACEAE

Convolvulus L.

- C. erubescens* Sims Australian bindweed (CANB 289546)

CRASSULACEAE

Crassula L.

- C. sieberiana* (Schultes et Schultes f.) Druce ssp. *sieberiana* Australian crassula (CANB 289663)
 See Toelken (1981).

CUCURBITACEAE

Cucumis L.

- !**C. myriocarpus* Naudin Prickly paddy melon (CANB 289547 (NSW))

CUSCUTACEAE

Cuscuta L.

- **C. campestris* Yuncker (CANB 300274)

ELATINACEAE

Elatine L.

- E. gratioloides* Cunn. Waterwort (CANB 289512)

EUPHORBIACEAE

Euphorbia L.

- E. drummondii* Boiss. Caustic weed (CANB 332072 (NSW))
 **E. peplus* L. Petty spurge (CANB 332071)
 **E. prostrata* Aiton Red caustic creeper (CANB 332073)
Poranthera Rudge
P. microphylla Brongn. (CANB 289670)
Ricinus L.
 **R. communis* L. Castor-oil plant (CANB 289517)

FABACEAE

Chamaecytisus Link

- **C. prolifer* (L.f.) Link Tagasaste (CANB 289584 (NSW))
 (syn. *Cytisus prolifer* L.f.)
 Bisby (1981) maintains that the discontinuity between this genus and *Cytisus* is sufficient to retain it as distinct.

Desmodium Desv.

- D. varians* (Labill.) Don Slender tick-trefoil (CANB 332078)
 Don made this combination in *Gen. Hist.* 2 (Oct. 1832) which pre-dates Endlicher (1836).

Lotus L.

- **L. angustissimus* L. Narrowleaf trefoil (CANB 332079 (NSW))

Medicago L.

- **M. arabica* (L.) Hudson Spotted medic (CANB 289601)
 **M. laciniata* (L.) Miller var. *laciniata* Cutleaf medic (CANB 289604 (NSW))
 **M. lupulina* L. Black medic (CANB 289608)
 **M. minima* (L.) Bartal. var. *minima* Woolly burr medic (CANB 289605 (NSW))
 **M. orbicularis* (L.) Bartal. Button medic (CANB 289603)
 **M. polymorpha* var. *vulgaris* (Benth.) Shinn. Burr medic (CANB 289607)
 !**M. praecox* DC. Small-leaf burr medic (CANB 289602)
 **M. sativa* L. Lucerne (CANB 289606 (NSW))
 **M. truncatula* var. *longiaculeata* Urb. Barrel medic (McB.17981, 27.ix.1969,NSW)
 Heyn (1963) used the varietal epithet 'longispina' in error.

Melilotus Miller

- **M. indica* (L.) All. *Hexham scent* (CANB 289554 (NSW))

Swainsona Salisb.

- !S. cf. *luteola* F.Muell. (McB.15509,10.viii.1968,NSW)
 Vegetative specimen only.

Trifolium L.

- **T. angustifolium* L. Narrowleaf clover (CANB 289574 (NSW))
 **T. arvense* L. Hare's-foot clover (CANB 289575)
 **T. campestre* Schreber Hop clover (CANB 289576)

- **T. cernuum* Brot. Drooping-flower clover (McB.15858,28.ix.1968,NSW)
 **T. dubium* Sibth. Suckling clover (CANB 289577 (NSW))
 **T. fragiferum* L. Strawberry clover (McB.16250,27.i.1969,NSW)
 **T. glomeratum* L. Cluster clover (CANB 289578 (NSW))
 **T. pratense* L. Red clover (CANB 289579 (NSW))
 **T. repens* L. White clover (CANB 289580)
 **T. suffocatum* L. Suffocated clover (McB.16096,2.xi.1968,NSW)
 **T. tomentosum* L. Woolly clover (CANB 289581)

GERANIACEAE

Erodium L'Hér. ex Aiton

- !**E. botrys* (Cav.) Bertol. Long storksbill (CANB 289633)
 !**E. brachycarpum* (Godron) Thell. (CANB 289634)
 (*?)*E. cicutarium* (L.) L'Hér. ex Aiton Common storksbill (CANB 289637)
 See Carolin (1967).
E. crinitum Carolin Blue storksbill (CANB 289636)
 **E. moschatum* (L.) L'Hér. ex Aiton Musky storksbill (CANB 289635)

Geranium L.

- **G. molle* L. var. *molle* Dove's-foot cranesbill (CANB 289632)
 See Carolin (1967).
 !*G. potentilloides* L'Hér. ex DC. var. *potentilloides* (McB.17955,27.ix.1969,NSW)

LAMIACEAE

Lamium L.

- **L. amplexicaule* L. Deadnettle (CANB 289552)

Marrubium L.

- **M. vulgare* L. Horehound (CANB 289541 (NSW))

Stachys L.

- **S. arvensis* (L.) L. Stagger weed (CANB 289565 (NSW))

LYTHRACEAE

Lythrum L.

- L. hyssopifolia* L. Hyssop loosestrife (CANB 289553 (NSW))

MALVACEAE

Abutilon Miller

- !*A. otocarpum* F. Muell. Desert Chinese lantern (CANB 289666)

Hibiscus L.

- H. trionum* L. Bladder ketmia (CANB 289501)

Lavatera L.

- !*L. plebeia* Sims Australian hollyhock (McB.15569,24.viii.1968,NSW)

Malva L.

- **M. neglecta* Wallr. Dwarf mallow (CANB 289599)
 **M. nicaeensis* All. Mallow of Nice (McB.15878,28.ix.1968,NSW)
 **M. parviflora* L. Smallflower mallow (CANB 289600 (NSW))

Malvastrum A. Gray

- M. americanum* (L.) Torrey Spiked malvastrum (McB.16303,2.iii.1969,NSW)

Modiola Moench

- **M. caroliniana* (L.) Don Redflower mallow (CANB 289503)

Sida L.

- **S. rhombifolia* L. ssp. *rhombifolia* Common sida (CANB 289639 (NSW))

OLEACEAE

Ligustrum L.

- **L. sinense* Lour. Chinese privet (CANB 300315 (NSW))

ONAGRACEAE

Epilobium L.

- **E. ciliatum* Raf. (CANB 289550 (NSW))

OXALIDACEAE

Oxalis L.

- **O. corniculata* L. Yellow wood-sorrel (CANB 332100 (NSW))
 See Lourteig (1975).

PAPAVERACEAE

Argemone L.

- **A. ochroleuca* Sweet ssp. *ochroleuca* Mexican poppy (CANB 289588 (NSW))

Papaver L.

- **P. hybridum* L. Rough poppy (CANB 289572 (NSW))
 **P. setigerum* DC. Smallflower opium poppy (CANB 289573 (NSW))
 (syn. *P. somniferum* ssp. *setigerum* (DC.) Corbière)
 See Farmilo et al. (1953).

PEDALIACEAE

- Ibicella* (Stapf) Eselt.
!**I. lutea* (Lindl.) Eselt. Yellowflower devil's-claw (CANB 289534 (NSW))

PHYTOLACCACEAE

- Phytolacca* (Tourn.) L.
**P. octandra* L. Inkweed (CANB 289543 (NSW))

PLANTAGINACEAE

- Plantago* L.
**P. coronopus* L. ssp. *coronopus* Buck's-horn plantain (McB.17950, 27.ix.1969,NSW)
P. debilis R.Br. (CANB 289560)
**P. lanceolata* L. Ribwort (CANB 289561 (NSW))
**P. major* L. Greater plantain (CANB 289562 (NSW))
!**P. turrifera* B.Briggs *et al.* (CANB 289563)

POLYGONACEAE

- Emex* Campderá
**E. australis* Steinh. Threecornered jack (CANB 289529 (NSW))
- Polygonum* L.
**P. arenastrum* Boreau Sand wireweed (McB.15525,10.viii.1968, NSW)
**P. aviculare* L. Wireweed (CANB 332106)
P. lapathifolium L. Pale knotweed (CANB 332077)
!**P. patulum* M.Bieb. Tree hogweed (CANB 332105)
P. prostratum R.Br. Creeping knotweed (CANB 332076)
(?*)*P. salicifolium* Brouss. ex Willd. (*sens.lat.*) Slender knotweed (CANB 332104)
(syn. *P. decipiens* R.Br.; *P. serrulatum* Lagasca; *P. minus* auct. austral.)
See Graham (1958); Eichler (1965); as Willis (1973) indicates, this complex needs world-wide revision.
- Rumex* L.
**R. acetosella* L. (*sens. lat.*) Sorrel (CANB 289613 (NSW))
(syn. *Acetosella vulgaris* Fourr.)
See Rechinger (1984).
R. brownii Campderá Swamp dock (CANB 289614 (NSW))
**R. conglomeratus* Murray Clustered dock (CANB 289615 (NSW))
**R. crispus* L. Curled dock (CANB 289616 (NSW))
**R. obtusifolius* L. Broadleaf dock (CANB 289617)
**R. pulcher* L. ssp. *pulcher* Fiddle dock (CANB 289665 (NSW))
See Rechinger (1984).
**R. sagittatus* Thunb. Rambling dock (CANB 289618 (NSW))
(syn. *Acetosa sagittata* (Thunb.) L.Johnson et B.Briggs)
!**R. tenax* Rech. f. Shiny dock (CANB 289619)

PORTULACACEAE

- Portulaca* L.
**P. oleracea* L. Pigweed (CANB 332103)
!(?*)*P. oleracea* L. (narrow-leaved form) (McB.16261,27.i.1969, NSW)

PRIMULACEAE

- Anagallis* L.
**A. arvensis* L. var. *arvensis* Scarlet pimpernel (CANB 289528 (NSW))

RUBIACEAE

- Galium* L.
**G. aparine* L. Cleavers (McB.15572,24.viii.1968,NSW)

SCROPHULARIACEAE

- Verbascum* L.
**V. virgatum* Stokes Twiggy mullein (CANB 300313 (NSW))
The identity of plants so named in Australia is somewhat doubtful — see Eichler (1965).
- Veronica* L.
**V. arvensis* L. Wall speedwell (CANB 289643)
**V. persica* Poiret Creeping speedwell (CANB 289640)
V. plebeia R.Br. (CANB 300308 (NSW))

SOLANACEAE

- Cestrum* L.
**C. cultum* Francey (McB.16358,5.iv.1969,NSW)
Probably planted in the area as an ornamental.
**C. parqui* L'Hér. Green cestrum (CANB 289638 (NSW))
- Datura* L.
**D. ferox* L. Fierce thornapple (CANB 289531 (NSW))
**D. stramonium* L. Common thornapple (CANB 289532 (NSW))
- Lycopersicon* Miller
**L. lycopersicum* (L.) Karsten Tomato (CANB 289598)
(syn. *L. esculentum* Miller)
See Purdie *et al.* (1982).

Nicotiana L.

- **N. tabacum* L. Tobacco (CANB 289651)
- Petunia* A.L. Juss.
**P. × hybrida* Vilm. Petunia (CANB 289555 (NSW))
See Purdie *et al.* (1982).
- Physalis* L.
!**P. lanceifolia* Nees (CANB 289558)
See Purdie *et al.* (1982).
**P. peruviana* L. Cape gooseberry (McB.15545,10.viii.1968,NSW)
- Solanum* L.
(?*)*S. americanum* Miller Glossy nightshade (CANB 289652)
(syn. *S. nodiflorum* Jacq.; *S. nodiflorum* ssp. *nutans* R. Henderson)
See Purdie *et al.* (1982).
**S. chenopodioides* Lam. (CANB 289646 (NSW))
S. cinereum R.Br. Narrawa burr (CANB 289647)
**S. nigrum* L. Black-berry nightshade (CANB 289645)
**S. palitans* C. Morton (CANB 289648 (NSW))
**S. triflorum* Nutt. Threeflower nightshade (McB.16154,28.xii.1968, NSW)

URTICACEAE

- Urtica* L.
U. incisa Poiret Scrub nettle (CANB 289649 (NSW))
**U. urens* L. Dwarf nettle (CANB 289650 (NSW))

VERBENACEAE

- Lantana* L.
**L. camara* L. Common lantana (CANB 332084 (NSW))
- Phyla* Lour.
**P. nodiflora* (L.) E. Greene Fogfruit (CANB 332085 (NSW))
- Verbena* L.
**V. bonariensis* L. Purpletop (CANB 300279 (NSW))
**V. hispida* Ruiz Lopez et Pavon (CANB 289655 (NSW))
**V. litoralis* Kunth (CANB 300307 (NSW))
**V. rigida* Sprengel Veined verbena (CANB 300280 (NSW))
!**V. supina* L. Trailing verbena (CANB 289654)
(?!)**V. tenuisecta* Briq. Mayne's pest (CANB 289653)

ZYGOPHYLLACEAE

- Tribulus* L.
!**T. terrestris* L. Caltrop (CANB 332074)
!**T. cf. micrococcus* Domin (det.Hj. Eichler 1984) (McB.16302,2.iii.1969,NSW)

LILIOPSIDA (MONOCOTYLEDONS)

COMMELINACEAE

- Commelina* L.
C. cyanea R.Br. Scurvy weed (CANB 289551 (NSW))

CYPERACEAE

- Carex* L.
C. inversa R.Br. Knob sedge (CANB 289621)
- Cyperus* L.
(?*)*C. brevifolius* (Rottb.) Hassk. Mullumbimby couch (McB.15653, 7.ix.1968,NSW)
**C. eragrostis* Lam. Umbrella sedge (CANB 289590 (NSW))
C. exaltatus Retz. (CANB 289620 (NSW))
!**C. gymnocaulos* Steudel (McB.15588,24.viii.1968,NSW 86807)
**C. rotundus* L. Nutgrass (CANB 289591)

Eleocharis R.Br.

- E. acuta* R.Br. Common spikerush (CANB 289549)

JUNCACEAE

- Juncus* L.
!**J. amabilis* Edgar (McB.16349,5.ii.1969,NSW)
!**J. aridicola* L. Johnson (CANB 289595 (NSW))
(?*)*J. bufonius* L. Toad rush (CANB 289622)
**J. capillaceus* Lam. (CANB 289596 (NSW))
**J. hybridus* Brot. (CANB 332089)
See Cope *et al.* (1978).
J. usitatus L. Johnson Common rush (CANB 289597 (NSW))

JUNCAGINACEAE

- Triglochin* L.
T. procera R.Br. (*sens. lat.*) Water-ribbons (CANB 332081)

LILIACEAE

- Nothoscordum* Kunth
**N. inodorum* (Aiton) Nicholson Wild onion (CANB 332095)

POACEAE

- Agrostis* L.
A. avenacea J. Gmelin var. *avenacea* Blowgrass (CANB 289496)
Amphibromus Nees
A. nervosus (Hook.f.) Druce (CANB 289497 (NSW))
Andropogon L.
 **A. virginicus* L. var. *virginicus* Whisky grass (CANB 300311 (NSW))
 See Campbell (1983).
Aristida L.
 !*A. contorta* F. Muell. Bunched kerosene grass (CANB 289471 (NSW))
 !*A. echinata* Henrard No.8 wiregrass (McB.16348,5.iv.1969,NSW)
 (?!)*A. jerichoensis* var. *subspinulifera* Henrard Jericho wiregrass (CANB 300291 (NSW))
 !*A. personata* Henrard (CANB 300293 (NSW))
A. ramosa R.Br. Purple wiregrass (CANB 300292 (NSW))
 Lazarides (1980) has indicated that varietal differences in this species do not merit recognition.
Avena L.
 **A. barbata* Pott ex Link Bearded oats (CANB 289498)
 **A. fatua* L. Wild oats (CANB 289499)
 **A. sativa* L. Common oats (CANB 289667)
 **A. ludoviciana* Durieu Ludo wild oats (CANB 289500 (NSW))
 (syn. *A. sterilis* ssp. *ludoviciana* (Durieu) Gillet et Magne)
Bothriochloa Kuntze
B. decipiens (Hackel) C.E.Hubb. var. *decipiens* Pitted bluegrass (McB.16185,28.xii.1968,NSW)
B. macra (Steudel) S.T.Blake Redleg grass (CANB 289485 (NSW))
Brachiaria (Trin.) Griseb.
 !*B. piligera* (F. Muell. ex Benth.) Hughes Hairy armgrass (McB.16306, 2.iii.1969,NSW 130068)
Briza L.
 **B. minor* L. Shivery grass (CANB 289480)
Bromus L.
 (?!)*B. alopecuroides* Poir (CANB 300284 (NSW))
 (syn. *B. alopecuroides* Poir)
 See Smith (1980); Wheeler *et al.* (1982).
 **B. brevis* Steudel (CANB 332068 (NSW))
 **B. catharticus* M. Vahl. Prairie grass (CANB 332069 (NSW))
 (syn. *B. unioloides* Kunth)
 See Simon (1982).
 **B. diandrus* Roth Great brome (CANB 289592)
 **B. hordeaceus* L. Soft brome (CANB 332067 (NSW))
 **B. molliformis* Ja.Lloyd Soft brome (CANB 300294)
 The author of the epithet 'molliformis' is James Lloyd (1844), not F.E. Lloyd (1868-1947).
 **B. rubens* L. Red brome (CANB 289641 (NSW))
 **B. sp.* (McB.16188,28.xii.1968,NSW 89080)
Chloris Sw.
 **C. gayana* Kunth Rhodes grass (CANB 289489)
C. truncata R.Br. Windmill grass (CANB 289490 (NSW))
C. ventricosa R.Br. Tall chloris (McB.15654,7.ix.1968,NSW)
 **C. virgata* Sw. Feathertop Rhodes grass (CANB 289491 (NSW))
Cynodon Rich.
 (?*)*C. dactylon* (L.) Pers. Couch (CANB 289488)
Dactyloctenium Willd.
 (?!)*D. radulans* (R.Br.) P. Beauv. Button grass (CANB 289479 (NSW))
Danthonia DC.
D. caespitosa Gaudich. Ringed wallaby grass (McB.16174,28.xii. 1968,NSW 124843)
D. linkii Kunth var. *linkii* (McB.16367,5.iv.1969,NSW)
D. linkii var. *fulva* Vick. (McB.16179,28.xii.1968,NSW 124842)
 !*D. richardsonii* Cashm. (CANB 300267 (NSW))
 (?!)*D. setacea* R.Br. var. *setacea* Smallflower wallaby grass (CANB 289669 (NSW))
Dichanthium Willemet
 !*D. annulatum* (Forsskal) Stapf Sheda grass (CANB 300282)
D. sericeum (R.Br.) A. Camus Queensland bluegrass (CANB 300283)
Digitaria Haller
 **D. ciliaris* (Retz.) Koeler Summer grass (CANB 289486 (NSW))
 **D. sanguinalis* (L.) Scop. Crabgrass (CANB 300286)
Diplachne P. Beauv.
D. fusca (L.) P. Beauv. ex Roemer et Schultes Brown beetle grass (CANB 300310 (NSW))
 See Simon (1982).
Echinochloa P. Beauv.
 !(?*)*E. colona* (L.) Link Awnless barnyard grass (CANB 289472)
 **E. crus-galli* (L.) P. Beauv. Barnyard grass (CANB 289473 (NSW))
 !**E. microstachya* (Wieg.) Rydb. Prickly barnyard grass (CANB 289475 (NSW))
Ehrharta Thunb.
 **E. longiflora* Smith Annual veldtgrass (CANB 289477 (NSW))
Eleusine Gaertner
 **E. indica* (L.) Gaertner Crowsfoot grass (CANB 289483 (NSW))
 **E. tristachya* (Lam.) Lam Goosegrass (CANB 289484)
Enteropogon Nees
 (?!)*E. acicularis* (Lindley) Lazarides (hirsute form) Curly windmill grass (McB.15601,24.viii.1968,NSW 87534)
 (syn. *Chloris acicularis* Lindl.)
 See Anderson (1974).
Eragrostis Wolf
E. benthamii Mattei (CANB 332063 (NSW))
 (syn. *E. philippica* Jedwabn.)
 See Simon (1978); M. Lazarides pers. comm.
 **E. ciliaris* (All.) Vign. ex Janchen Stinkgrass (CANB 332061 (NSW))
 See Rauschert (1982); Simon (1983).
E. leptostachya (R.Br.) Steudel Paddock lovegrass (McB.16184,28. xii.1968,NSW)
 (syn. *E. molybdea* Vick.)
 M. Lazarides pers. comm.
 **E. mexicana* (Hornem.) Link Mexican lovegrass (McB.16260,27.i. 1969,NSW)
 !**E. minor* Host Smaller stinkgrass (McB.16269,27.i.1969,NSW)
 See Kerguelen (1975).
E. parviflora (R.Br.) Trin. Weeping lovegrass (CANB 332062 (NSW))
 **E. pilosa* (L.) P. Beauv. Soft lovegrass (CANB 332064 (NSW))
 !**E. tef* (Zucc.) Trotter Teff grass (CANB 332065 (NSW))
Eriochloa Kunth
 !*E. crebra* S.T.Blake Spring grass (McB.16295,2.iii.1969,NSW 130071)
E. procera (Retz.) C.E.Hubb. Spring grass (McB.16356,5.iv.1969, NSW 130072)
E. pseudoacrotricha (Stapf ex Thell.) J.Black Spring grass (McB.16183,28.xii.1968,NSW)
Holcus L.
 **H. lanatus* L. Yorkshire fog (McB.15863,28.ix.1968,NSW)
Hordeum L.
 **H. distichon* L. Two-row barley (CANB 289656 (NSW))
 **H. glaucum* Steudel Northern barley grass (CANB 289658 (NSW))
 **H. hystrix* Roth Mediterranean barley grass (CANB 289668 (NSW))
 (syn. *H. geniculatum* All. nom. ambig.)
 See Humphries (1980).
 **H. leporinum* Link Barley grass (CANB 289657 (NSW))
Lamarckia Moench
 **L. aurea* (L.) Moench Goldentop (CANB 289478 (NSW))
Lolium L.
 **L. perenne* L. Perennial ryegrass (CANB 300269)
 **L. rigidum* Gaudin Annual ryegrass (CANB 300270 (NSW))
Panicum L.
 !**P. laevifolium* var. *contractum* Pilger Sweet panic (CANB 289571)
Paspalidium Stapf
P. aversum Vick. (CANB 289660 (NSW))
 !**P. jubiflorum* (Trin.) Hughes Warrego grass (CANB 289661 (NSW))
Paspalum L.
 **P. dilatatum* Poir Paspalum (CANB 289556 (NSW))
P. distichum L. Water couch (CANB 289557 (NSW))
 (syn. *P. paspalodes* (Michaux) Scribner)
 See Brummitt (1983).
Pennisetum Rich. ex Pers.
P. alopecuroides (L.) Sprengel Swamp foxtail (CANB 289493)
 **P. clandestinum* Hochst. ex Chiov. Kikuyu grass (CANB 289492 (NSW))
Phalaris L.
 **P. aquatica* L. Phalaris (CANB 289487 (NSW))
 **P. paradoxa* L. Paradoxa grass (McB.15877,28.ix.1968,NSW)
Poa L.
 **P. annua* L. Winter grass (CANB 289481 (NSW))
 **P. infirma* Kunth (CANB 236370)
 See Gray (1974).
Polypogon Desf.
 **P. monspeliensis* (L.) Desf. Annual beardgrass (CANB 289482 (NSW))
Secale L.
 **S. cereale* L. Rye (CANB 289609 (NSW))
Setaria P. Beauv.
 **S. gracilis* var. *pauciseta* (Desv.) B.K. Simon Slender pigeon grass (CANB 289542 (NSW))
 (syn. *S. geniculata* auct. non (Willd.) P. Beauv.)
 See Clayton (1979); Simon (1984).

- **S. pumila* (Poir.) Roemer et Schultes Pale pigeon grass (CANB 332080)
(syn. *S. glauca* auct. non (L.) P.Beauv.)
See Clayton (1979).
- Sorghum* Moench
- **S. bicolor* (L.) Moench ssp. *bicolor* Forage sorghum (CANB 332070 (NSW))
- **S. halepense* (L.) Pers. Johnson grass (CANB 289659 (NSW))
- Sporobolus* R.Br.
- **S. africanus* (Poir.) Robyns et Tournay Parramatta grass (CANB 289494 (NSW))
- !**S. caroli* Mez Yakka grass (CANB 289495 (NSW))
- Stipa* L.
- S. nervosa* Vick. (McB.17968A,27.ix.1969,NSW)
- !**S. nitida* Summerh. et C.E.Hubb. Balcarras grass (CANB 332075 (NSW))
- S. verticillata* Nees ex Sprengel Slender bamboo grass (CANB 289642 (NSW))
- Tragus* Haller
- !**T. australianus* S.T.Blake Small burrgrass (CANB 289476 (NSW))
- (?*)*T. heptaneuron* W. Clayton (McB.16157,28.xii.1968,NSW (in part))
- See Anton (1981); the second spikelet in the 7-nerved Australian specimens is separated by a short but distinct pedicel as in *T. australianus*, and not 'borne almost at the same level' as stated by Anton in her key. McBarron 16157 is a mixed collection with *T. australianus*.
- Triraphis* R.Br.
- !**T. mollis* R.Br. Purple plume grass (McB.15530,10.viii.1968,NSW)
- Triticum* L.
- **T. aestivum* L. Wheat (CANB 289625)
- Urochloa* P. Beauv.
- !**U. panicoides* P. Beauv. Liverseed grass (McB.16310,2.iii.1969,NSW 130066)
- Vulpia* C. Gmelin
- **V. megalura* (Nutt.) Rydb. Foxtail fescue (McB.17980,27.ix.1969,NSW)
- **V. myuros* (L.) C. Gmelin Rat's-tail fescue (CANB 300268 (NSW))

TYPHACEAE

- Typha* L.
- T. orientalis* C.Presl Broadleaf cumbungi (CANB 300312 (NSW))

Acknowledgements

We would like to thank the following for advice and/or identifications in their various specialities: Dr B. G. Briggs (*Plantago*), Dr R. C. Carolin (*Wahlenbergia*), Ms J. Everett (*Stipa*), Dr H. Hewson (*Brassicaceae*), Dr L. A. S. Johnson (*Juncus*), Dr A. Kanis (*Alternanthera*), Mr M. Lazarides (*Eragrostis*), Dr R. W. Purdie (*Solanaceae*) and Professor J. D. Sauer (*Amaranthus*). However, the authors are naturally responsible for all the names used in the list.

Mr E. J. McBarron, formerly of the Glenfield Veterinary Research Station, generously made available to us his extensive collections from the old Flemington Saleyards, and these filled in numerous gaps in our own collections, as will be seen from the voucher specimens designated 'McB' throughout the list. We thank the Director of the National Herbarium of New South Wales for permission to examine the McBarron collections and for the loan of material.

References

- Ammann, K. (1981). Bestimmungsschwierigkeiten bei europäischen *Bromus* - arten. *Botanische Jahrbuecher fuer Systematik Pflanzen-geschichte und Pflanzengeographie* **102**, 459-69.
- Anderson, D. E. (1974). Taxonomy of the genus *Chloris* (Gramineae). *Brigham Young University Science Bulletin of Biology* Ser. 19, 1-133.
- Anton, A. M. (1981). The Genus *Tragus* (Gramineae). *Kew Bulletin No.* **36**, 55-61.
- Bisby, F. A. in Polhill, R. M., and Raven, P. H. (eds) (1981). 'Advances in Legume Systematics Part 1', 409-25. (Royal Botanic Gardens, Kew: London).
- Blackwell, J. G. (ed.), (1970). 'The Restless Markets of Sydney Town' (Sydney Farm Produce Market Authority).
- Botchantzev, V. (1974). A synopsis of *Salsola* (Chenopodiaceae) from South and South-West Africa. *Kew Bulletin No.* **29**, 597-614.
- Brummitt, R. K. (1983). Report of The Committee for Spermatophyta: 25. *Taxon* **32**, 279-84.
- Burbidge, N. T., and Gray, M. (1970). 'Flora of the Australian Capital Territory'. (Australian National University Press: Canberra.)
- Burbidge, N. T. (1982). A revision of *Vittadinia* A.Rich. (Compositae) together with reinstatement of *Eurybiopsis* DC. and description of a new genus *Camptacra*. *Brunonia* **5**, 1-72.
- Campbell, C. S. (1983). Systematics of the *Andropogon virginicus* complex (Gramineae). *Journal of the Arnold Arboretum, Harvard University* **64**, 171-254.
- Carolin, R. C. (1967). Geraniaceae. *Contributions from the New South Wales National Herbarium, Flora Series*, No. 102, 1-23.
- Clayton, W. D. (1979). Notes on *Setaria* (Gramineae). *Kew Bulletin No.* **33**, 501-9.
- Cope, T. A., and Stace, C. A. (1978). The *Juncus bufonius* L. aggregate in western Europe. *Watsonia* **12**, 113-28.
- Cronquist, A. J. (1981). 'An Integrated System of Classification of Flowering Plants'. (Columbia University Press: New York.)
- Eichler, H. (1965). 'Supplement to J. M. Black's Flora of South Australia'. (Govt. Printer: Adelaide.)
- Farmilo, C. G., Rhodes, H. L. J., Hart, H. R. L. and Taylor, H. (1953). Detection of morphine in *Papaver setigerum* DC. *United Nations Bulletin on Narcotics* **V**, 26-31.
- Graham, R. A., in Turrill, W. B. et al. (eds) (1958). 'Flora of Tropical East Africa': Polygonaceae, 1-40. (Crown Agents: London.)
- Gray, M. (1974). Miscellaneous notes on Australian Plants: *Erigeron*, *Uncinia*, *Poa* and *Erythranthera*. *Contributions from Herbarium Australiense* No. 6, 1-5.
- Gregory's Street Directory of Sydney and Suburbs and Metropolitan Road Guide (1966), 31st ed. (Gregory's Guides and Maps Pty. Ltd.: Sydney.)
- Greuter, W. (1976). The flora of Psara (E. Aegean Islands, Greece) - an annotated catalogue. *Candollea* **31**, 191-242.
- Gustafsson, M. (1976). Evolutionary trends in the *Atriplex prostrata* group of Scandinavia, taxonomy and morphological variation. *Opera Botanica* **39**, 1-63.
- Hartley, W. (1979). 'A Checklist of Economic Plants in Australia'. (CSIRO: Melbourne.)
- Hayward, I. M., and Druce, G. C. (1919). 'The Adventive Flora of Tweedside'. (T. Buncl & Co.: Arbroath.)
- Heyn, C. C. (1963). The annual species of *Medicago*. *Scripta Hierosolymitana* **xii**, 1-154.
- Hilliard, O. M., and Burtt, B. L. (1981a). Names in *Gnaphalium*, *Xeranthemum* and *Helichrysum* published between 1753 and 1800. *Botanical Journal of the Linnean Society* **82**, 233-65.
- Hilliard, O. M. and Burtt, B. L. (1981b). Some generic concepts in Gnaphaliinae. *Botanical Journal of the Linnean Society* **82**, 181-232.
- Humphries, C. J. in Tutin, T. G. et al. (eds.) (1980). 'Flora Europaea' **5**,

- 204-5. (University Press: Cambridge.)
- Ising, E. H. (1964). The species of *Bassia* All. (Chenopodiaceae) in Australia. *Transactions of the Royal Society of South Australia* **88**, 63-110.
- Jacobs, S. W. L. and Pickard, J. (1981). 'Plants of New South Wales'. (Govt. Printer: Sydney.)
- Jacobs, S. W. L. (1983). A new combination and a new species of Australian *Atriplex* (Chenopodiaceae). *Telopea* **2**, 453-4.
- Kerguelen, M. (1975). Les Gramineae (Poaceae) de la flore française cédilla. Essai de mise au point taxonomique et nomenclaturale. *Lejeunia* (Nouv. Sér.) **75**, 1-343.
- Lazarides, M. (1980). *Aristida* L. (Poaceae, Aristideae) in Australia. *Brunonia* **3**, 271-333.
- Lourteig, A. (1979). Oxalidaceae Extra-Austroamericanae II. *Oxalis* L. sectio *Corniculatae* DC. *Phytologia* **42**, 57-198.
- Michael, P. W. (1977). Some weedy species of *Amaranthus* (Amaranth) and *Conyza/Erigeron* (Fleabanes) naturalised in the Asian-Pacific region. *Proceedings of the 6th Asian-Pacific Weed Science Society Conference* **1**, 87-95.
- Nelson, N. R., and Michael, P. W. (1982). Germination and growth of *Senecio madagascariensis* Poir. (fireweed), a toxic plant of pastures in coastal New South Wales. *Agronomy Australia* 1982. (Proceedings of the 2nd Australian Agronomy Conference, Wagga Wagga.)
- New South Wales Government (1962). Meat Industry Act, 1915-1960, Schedule I, 44-5. Govt. Printer: Sydney.)
- New South Wales Legislative Assembly (1878). Votes and Proceedings of the Legislative Assembly during the Session, 1877-1878. Vol. 2 Report from the Select Committee on Metropolitan Cattle Sale Yards, together with the proceedings of the Committee and minutes of evidence. (Govt. Printer: Sydney.)
- New South Wales Legislative Assembly (1911). Parliamentary Standing Committee on Public Works. Report together with minutes of evidence, appendices and plan relating to the proposed construction of yards on the abattoir area, Homebush, for the disposition and sale of livestock. (Govt. Printer: Sydney.)
- New South Wales Legislative Council (1902). Parliamentary Standing Committee on Public Works. Report together with minutes of evidence and plans relating to the proposed removal of the Public Abattoir from Glebe Island. (Govt. Printer: Sydney.)
- Nordenstam, B. in Rechinger, K. H. (ed.) (1977). 'Flora Iranica' No. 122, 138-40.
- Prescott, A. in George, A. S. (1984). 'Flora of Australia, 4, Phytolaccaceae to Chenopodiaceae'. (Aust. Govt. Publ. Service: Canberra.)
- Probst, R. (1949). 'Wolladventivflora Mitteleuropas'. (Naturhistorisches Museum: Solothurn.)
- Purdie, R. W., Symon, D. E., and Haegi, L. (1982). 'Flora of Australia, 29, Solanaceae'. (Aust. Govt. Publ. Service: Canberra.)
- Rauschert, S. (1982). Zur Nomenklatur der Farn- und Blütenpflanzen aus dem Gebiet der DDR und BRD (VII). *Feddes Repertorium Zeitschrift fuer Botanische Taxonomie und Geobotanik* **93**, 1-22.
- Rechinger, K. H. (1984). *Rumex* (Polygonaceae) in Australia: a reconsideration. *Nuytsia* **5**, 75-122.
- Scott, A. J. (1978). A revision of the Camphorosmioideae (Chenopodiaceae). *Feddes Repertorium Zeitschrift fuer Botanische Taxonomie und Geobotanik* **89**, 101-19.
- Simon, B. K. (1978). A preliminary check-list of Australian grasses. Technical Bulletin, Botany Branch, Department of Primary Industries **No. 3**, 1-88.
- Simon, B. K. (1982a). Nomenclatural notes on *Diplachne fusca* (L.) P. Beauv. ex Roemer et Schultes. *Australian Systematic Botany Society Newsletter* **32**, 10-11.
- Simon, B. K. (1982b). Nomenclatural notes on *Bromus catharticus* Vahl. *Australian Systematic Botany Society Newsletter* **33**, 12-13.
- Simon, B. K. (1983). Nomenclatural notes on *Eragrostis cilianensis* (All.) Vign. ex Janchen. *Australian Systematic Botany Society Newsletter* **37**, 6-7.
- Simon, B. K. (1984). Studies in Australian grasses: 1. *Austrobaileya* **2**, 21-4.
- Smith, P. M. in Tutin, T.G. et al. (eds) (1980). 'Flora Europaea' **5**, 182-9. (University Press: Cambridge.)
- Svensson, S. (1983). Chromosome numbers and morphology in the *Capsella bursa-pastoris* complex (Brassicaceae) in Greece. *Willdenowia* **13**, 267-76.
- Thellung, A. (1912). La flore adventive de Montpellier. *Mémoires de la Société des Sciences Naturelles du Cherbourg* **38**, 55-728; *Mitt. Bot. Mus. Univ. Zürich* **58**, 55-728.
- Toelken, H. R. (1981). The species of *Crassula* L. in Australia. *Journal of the Adelaide Botanic Gardens* **3**, 57-90.
- Wheeler, D. J. B., Jacobs, S. W. L., and Norton, B. E. (1982). 'Grasses of New South Wales'. (University of New England: Armidale.)
- Willis, J. H. (1972 publ. 1973). 'A Handbook to Plants in Victoria. Vol. II. Dicotyledons'. (University Press: Melbourne.)
- Wilson, P. G. in Jessop, J. (ed.) (1981). 'Flora of Central Australia'. (A. H. and A. W. Reed Pty Ltd: Sydney.)
- Wilson, P. G. (1983). A taxonomic revision of the tribe Chenopodieae (Chenopodiaceae) in Australia. *Nuytsia* **4**, 135-262.
- Wilson, P. G. in George, A. S. (1984). 'Flora of Australia, 4, Phytolaccaceae to Chenopodiaceae'. (Aust. Govt. Publ. Service: Canberra.)