

## Appendix F List of Plant Classification Groups

This classification system is based on the knowledge of gardeners and cooks and is used in the recording system at Seed Savers. While it generally follows botanical nomenclature, it does group some unrelated plants by usage, such as Flowers and Herbs and those whose leaves are cooked and eaten, such as Spinaches. All plants are classified by individual type, or within a group type. This has been done because some plants can easily be grouped, e.g., the beans, whereas others, like the first two on the list, Artichoke and Asparagus, have little that is easily determined to be in common with other plants.

**Artichoke (Globe) *Cynara scolymus* ASTERACEAE**

**Asparagus *Asparagus officinalis* LILIACEAE**

**Bean FABACEAE**

Adzuki *Phaseolus angularis*

French *Phaseolus vulgaris*

- Dwarf or Climbing
- Used Dry-shelled (Borlotti, Kidney, Haricot),
- Used Green-shelled or
- Used Green Snap (Zebra, Epicure, Kentucky Wonder)

Broad *Vicia fava*

Hyacinth (Tongan or Poorman's Bean)

*Dolichos lab lab* var *niger*

Lima (include Madagascar which are usually brown or maroon speckled) *Phaseolus lunatus*

Runner include Scarlet Runner *Phaseolus lunatus* or *P. coccineus*

Snake *Vigna unguiculata* var. *sesquipedalis*

Sword *Canavalia gladiata*

Tepary *Phaseolus acutifolius*

Winged *Psophocarpus tetragonolobus*

**Legumes FABACEAE**

Chick Pea *Cicer arietum*

Cowpea *Vigna unguiculata*

Jicama (Yam Bean) *Pachyrhizus erosus*

Lentil *Lens culinaris*

Mucuna (Velvet Bean) *Mucuna* spp

Mung *Vigna radiata*

Pigeon Pea *Cajanus cajan*

Soy *Glycine max*

Lupin *Lupinus*

Rice (Bean) *Vigna umbellata*

**Beetroot *Beta vulgaris* CHENOPODIACEAE**

**Brassica, BRASSICACEAE**

Asian - all the Choys, Tsois, Mustard Greens,

Spinach & Lettuce, Mizuna *Brassica*

*juncea* var *juncea*, Chinese Cabbage, Saag

European - Borecole, Broccoli, Brussels

Sprouts, Cabbage, Cauliflower, Collard,

Kale, Kohlrabi, Rutabaga

**Capsicum *Capsicum annuum* SOLANACEAE**

**Chilli SOLANACEAE**

Manzano: *Capsicum pubescens*;

Tabasco: *frutescens*, *baccatum* and sometimes *annuum*

**Cape Gooseberry *Physalis peruviana* SOLANACEAE**

**Cardoon *Cynara cardunculus* ASTERACEAE**

**Carrot *Daucus carota* APIACEAE**

**Celeriac *Apium graveolens* APIACEAE**

**Celery *Apium graveolens* APIACEAE**

**Celtuce *Lactuca sativa* ASTERACEAE**

**Cereal**

Amaranth *Amaranthus* sp AMARANTHACEAE

Also used as a Spinach

Barley *Hordeum* spp POACEAE

Millet - several species, including *Eleusine*

*coracana*, *Pennisetum* spp POACEAE

Rice *Oryza* spp. POACEAE

Wheat *Triticum* POACEAE

**Chicory *Chichorium intybus* ASTERACEAE**

**Choko *Sechium edule* CUCURBITACEAE**

**Corn *Zea mays* POACEAE**

Maize (Aztec, Flour and Dent)

Sweet

Pop

**Cotton *Gossypium* spp. MALVACEAE**

**Cucumber *Cucumis sativus* CUCURBITACEAE**

**Endive *Cichorium endivia* ASTERACEAE**

**Eggplant *Solanum melongena* SOLANACEAE**

**Flowers**

Calendula *Calendula officinalis*

ASTERACEAE

Cosmos ASTERACEAE

Larkspur

Marigold *Tagetes* spp. ASTERACEAE

Nasturtium *Tropaeolum majus*

TROPAEOLACEAE

Pansy & Violet *Viola* spp. VIOLACEAE

Poppy *Papaver* spp. PAPAVERACEAE

Sunflower *Helianthus annuus*

ASTERACEAE etc., etc.

**Gourd**

(include Bottle Gourds and some New Guinea "Beans" which have same shaped seeds as Gourds) *Lagenaria siceraria* CUCURBITACEAE

**Gramma *Cucurbita moschata* CUCURBITACEAE**

must have flat long thinnish seeds that are usually gritty and beige) includes Butternut.

**Guada Gourd (Bean) *Trichosanthes anguina***

CUCURBITACEAE

**Herbs**

Basil *Ocimum basilicum* LAMIACEAE

Borage *Borago officinalis* BORAGINACEAE

Chervil *Anthriscus cerefolium* APIACEAE

Chives *Allium schoenoprasum* ALLIACEAE

Coriander *Coriandrum sativum* APIACEAE

Corn Salad *Valerianella locusta*

VALERIANACEAE

Dandelion *Taraxacum officinale*

ASTERACEAE

Dill *Anethum graveolens* APIACEAE

Fennel *Foeniculum vulgare* APIACEAE

Garland Chrysanthemum (Edible

Chrys./Shungiku) *Chrysanthemum*

*coronarium* ASTERACEAE

Garlic Chives *Allium tuberosum* ALLIACEAE

Horseradish *Armoracia rusticana*

Marjoram *Origanum* spp. LAMIACEAE

Mint *Mentha* spp. LAMIACEAE

Mitsuba *Cryptotaenia japonica* APIACEAE

Mustard *Brassica Nigra*, *B. juncea* & *B. hirta*

BRASSICACEAE

Oregano *Origanum* spp. LAMIACEAE

Parsley *Petroselinum crispum* APIACEAE

Rocket *Eruca sativa* BRASSICACEAE

- Rosemary *Rosmarinus officinalis* LAMIACEAE  
 Sage *Salvia* spp. LAMIACEAE  
 Salad Burnet *Sanguisorba minor*  
 Shepherd's Purse  
 Tarragon *Artemesia drancunculus*  
 ASTERACEAE  
 Thyme *Thymus vulgaris* LAMIACEAE  
 Upland Cress *Lepidium sativum*  
 Watercress *Nasturtium officinale*
- Jerusalem Artichoke** *Helianthus tuberosus*  
 ASTERACEAE
- Lettuce** *Lactuca sativa* ASTERACEAE
- Luffa** *Luffa cylindrica* or *acutangula*  
 CUCURBITACEAE
- Mustard** *Brassica nigra, hirta, juncea*  
 BRASSICACEAE
- Okra** *Abelmoschus esculentus* MALVACEAE
- Onion** ALLIACEAE  
 Eschallot include Potato Onion *Allium cepa*  
 var *aggregatum*  
 Onion *Allium cepa*  
 Leek *Allium ampeloprasum*  
 Tree Onion *Allium cepa* var *proliferum*  
 Spring Onion include Welsh Onion and  
 Spring Onion *Allium fistulosum*  
 Garlic *Allium sativum*
- Parsnip** *Pastinaca sativa* APIACEAE
- Pea** *Pisum sativum* FABACEAE
- Pie Melon**  
 includes Chilacayote, sometimes called  
 Alacayote *Cucurbita ficifolia*,  
 CUCURBITACEAE, Jam Melon and  
 Preserving Melon
- Potato** *Solanum tuberosum* SOLANACEAE
- Pumpkin** *Cucurbita maxima* CUCURBITACEAE  
 (Must have fat, usually yellowish, shiny seeds  
 with a parchment)  
 Japanese Pumpkin *Cucurbita mixta*  
 CUCURBITACEAE
- Radish** *Raphanus sativa* BRASSICACEAE
- Rockmelon**  
 includes Cantaloupe, Indian Cream, Musk  
 Melon and Honeydew (not Chilacayote, Pie  
 or Jam Melon) *Cucumis melo*  
 CUCURBITACEAE
- Rosella** *Hibiscus sabdariffa* MALVACEAE
- Rhubarb** *Rheum rhabarbarum* POLYGONACEAE
- Sorrel** *Rumex acetosa* POLYGONACEAE
- Spinach**  
 Amaranth *Amaranthus* spp  
 Basella (Indian, Ceylonese Running) *Basella*  
*alba* and *rubra* BASELLACEAE  
 Chard *Beta vulgaris* CHENOPODIACEAE  
 English *Spinacia oleracea* CHENOPODIACEAE  
 European Spinach *Spinacia oleracea*  
 CHENOPODIACEAE  
 Hibiscus manihot *Hibiscus manihot*  
 MALVACEAE  
 Ibika  
 N Z Spinach (Warrigal Greens) *Tetragonia*  
*tetragonoides* AIZOCEAE
- Malu Khia (Molokhia, Malu Khia, Egyptian)  
*Corchorus olitorius*  
 Orach *Atriplex hortensis* CHENOPODIACEAE  
 Quinoa *Chenopodium quinoa*  
 CHENOPODIACEAE  
 Salad Mallow  
 Silver Beet, Chard *Beta vulgaris*  
 CHENOPODIACEAE  
 Spinach Beet  
 Sweet Leaf  
 Water Leaf  
 Water Spinach (Oong Choy, Kang Kong)  
*Ipomea aquatica* CONVOLVULACEAE
- Squash** *Cucurbita pepo* CUCURBITACEAE  
 (Must have small beige seeds with a ridge  
 around them) includes Zucchini, Crookneck and  
 some Marrows)
- Strawberry**
- Swede** BRASSICACEAE
- Sweet Potato** *Ipomea batatas* CONVOLVULACEAE
- Taro** *Alocasia, Amorphophallus, Colocasia,*  
*Cyrtosperma, Xanthosoma* ARACEAE
- Tobacco** *Solanum tabaccum* SOLANACEAE
- Tomato** *Lycopersicon esculentum* SOLANACEAE
- Tomatillo** *Physalis ixocarpa* SOLANACEAE
- Tree**  
 Flower  
 Fodder  
 Fruit  
 Nut  
 Rainforest  
 Regeneration  
 Timber  
 Native  
 Nitrogen fixer
- Turnip** *Brassica rapa* BRASSICACEAE
- Unusual Cucurbits** CUCURBITACEAE  
 Bitter Gourd *Mormodica charantia*  
 Casabanana *Sicana odorifera*  
 Guada Bean *Tricosanthes anguina*  
 sometimes also called New Guinea  
 Bean  
 Korila *Cyclanthera pedata*  
 Wax Gourd *Benincasa hispida*
- Unusual Root/Tuber**  
 Apios (ground cover - relative of Peanut)  
 Arrowroot *Canna edulis* CANNACEAE  
 Burdock  
 Ground Nut *Apios spp* FABACEAE  
 Oca *Oxalis tuberosa* OXALIDACEAE  
 Peanut *Arachis hypogaea* FABACEAE  
 Salsify (Oyster Plant) *Tragopogon porrifolius*  
 ASTERACEAE  
 Scorzonera ASTERACEAE  
 Skirret APIACEAE  
 Stachys LAMIACEAE  
 Yacon (Sunchoke) *Polymnia sonchifolia*  
 ASTERACEAE
- Watermelon** *Citrullus lanatus* CUCURBITACEAE
- Yam** *Dioscorea alata* DIOSCOREACEAE