

## CHECKLIST OF THE VASCULAR TAXA OF MT TE AROHA

M.R. Boase and S.M. Beadel 1988 (RBS Newsletter 13)

(NZMS 260 T13526 039; 12 m-953 asl)

Based on visits in March 1987 (M.R Boase), and September 1987 (Rotorua Botanical Society) and on the publications of Adams (1885), Gudex (1963), Bartlett (1984) and Druce et al. (1982). Additions by M.C. Smale, P.J. de Lange and A Garrick

- \**Acacia* sp. (*dealbata* or *mearnsii*)  
*Acaena anserinifolia*  
*Acianthus sinclairii*  
*Aciphylla* sp.  
\**Adiantum capillus-veneris* (de Lange, 1985; Waik 6693)  
*A. cunninghamii*  
*A. diaphanum* (Franklin, 1957; NZFRI 8116)  
*A. fulvum*  
*A. hispidulum*  
*A. viridescens*  
*Agathis australis*  
\**Agrostis capillaris*  
\**A. stolonifera*  
\**Albizia lophantha*  
*Alectryon excelsus*  
*Alseuosmia macrophylla*  
\**Anagallis arvensis*  
*Anarthropteris lanceolata*  
\**Anthoxanthum odoratum*  
*Arthropodium candidum* (Adams, 1885)  
*Aristotelia fruticosa* (Adams, 1885)  
*A. serrata*  
*Arthropteris tenella* (Adams, 1885 as *Polypodium tenellum*)  
*Asarina lucida* (Bartlett, 1984)  
*Asplenium bulbiferum* S.s.  
*A. flaccidum* ssp. *flaccidum*  
*A. hookerianum* (Adams, 1885)  
*A. lamprophyllum*  
*A. oblongifolium*  
*A. polyodon*  
*Astelia banksii* (Adams, 1885)  
*A. fragrans*  
*A. grandis*  
*A. solandri*  
*A. trinervia*  
A sp. (unnamed: aff. *A. nervosa*) Lvs green, not silvery as in *A. nervosa*)  
\**Aster subulatus*  
\**Barbarea* sp.  
*Baumea articulata* (Adams, 1885 as *Cladium articulatum*)  
*B. juncea* (Adams, 1885 as *Cladium junceum*)  
*B. rubiginosa* (Adams, 1885 as *Cladium glomeratum*)  
*B. teretifolia* (Adams, 1885 as *Cladium teretifolium*)  
*Beilschmedia tarairi* (Adams, 1885)  
*B. tawa*  
*Blechnum* "black spot"  
*B. chambersii*  
*B. colensoi*  
*B. discolor*  
*B. filiforme*  
*B. fluviale*  
*B. fraseri*  
*B. membranaceum*  
*B. nigrum*  
*B. procerum*  
*B. vulcanicum*  
*Bolboschoenus* sp. (Adams, 1885 as *Scirpus maritimus*)  
*Botrychium australe* (Adams, 1885 as *B. ternatum*)  
*Brachyglottis repanda*  
*Brachyglottis kirkii* var. *kirkii*  
*Bulbophyllum pygmaeum*  
*Callitriche stagnalis* (Adams, 1885 as *C. verna*)  
*Calystegia sepium*  
*Cardamine* sp. (*C. debilis* agg.)

*\*C. hirsuta*  
*Cardiomanes reniforme*  
*Carex dissita*  
*\*C. divulsa*  
*C. fascicularis* (Adams, 1885)  
*C. forsteri* (Adams, 1885)  
*C. gaudichaudiana* (Adams, 1885)  
*C. solandri*  
*C. spinirostris* (Adams, 1885)  
*C. subdola* (Hamlin, 1954)  
*C. virgata* (Adams, 1885)  
*C. sp. (C. geminata agg.)*  
*Carmichaelia arborea* var. (*C. aligera*)  
(Adams, 1885 as *C. australis*)  
*Carpodetus serratus*  
*Celmisia gracilentia* var.  
*Centella uniflora* (Adams, 1885 as  
*Hydrocotyle asiatica*)  
*\*Centaurium erythraea*  
*\*Cerastium fontanum. ssp. triviale*  
*\*Chamaecyparis lawsoniana*  
*Chenopodium glaucum* (Adams, 1885)  
*Chiloglottis cornuta*  
*\*Chrysanthemum leucanthemum*  
*\*Cirsium arvense*  
*\*C. vulgare*  
*Clematis cunninghamii*  
*C. forsteri*  
*C. paniculata*  
*Collospermum bastatum*  
*\*Conyza floribunda*  
*Coprosma arborea*  
*C. areolata*  
*C. colensoi* (incl. *C. banksii*)  
*C. dodonaeifolia* (de Lange, 1985; Waik,  
1948)  
*C. foetidissima*  
*C. grandifolia*  
*C. lucida*  
*C. rhamnoides*  
*C. rotundifolia* (Adams, 1885)  
*C. robusta*  
*C. tenuifolia* (Cheeseman, 1906)  
*Cordyline australis* (Adams, 1885)  
*C. banksii*

*C. indivisa*  
*C. pumilio*  
*C. banksii* × *C. pumilio* (PdL)  
*Coriaria arborea* var. *arborea*  
*Corokia buddleioides* (Gudex, 1963 and A  
Garrick pers. comm. in 1987)  
*Cortaderia fulvida.*  
*C. jubata*  
*\*C. selloana*  
*C. toetoe*  
*Corybas acuminatus* (f)  
*C. macranthus* (f)  
*C. oblongus* (Adams, 1885 as *Corysanthes*  
*oblonga* and *C. rotundifolia*)  
*C. trilobus* (f)  
*Corynocarpus laevigatum*  
*\*Cotula australis* (Adams, 1885)  
*C. coronopifolia* (Adams, 1885 near hot  
springs only)  
*C. squalida* var. *squalida*  
*\*Crocsmia × crocosmiiflora*  
*Ctenopteris heterophylla*  
*Cyathea cunninghamii*  
*C. dealbata*  
*C. medullaris*  
*C. smithii*  
*Cyathodes juniperina\**  
*Cyperus eragrostis*  
*C. ustulatus* (Adams, 1885)  
*\*Cytisus scoparius*  
*Dacrydium cupressinum*  
*Dacrycarpus dacrydioides* (seedling)  
*\*Dactylis glomerata*  
*Daucus glochidiatus* (Adams, 1855 as *D.*  
*brachiatius*)  
*Dendrobium cunninghamii*  
*Deschampsia caespitosa* (Adams, 1855)  
*Deyeuxia avenoides* (Adams, 1855)  
*D. billardierei* (Adams, 1855)  
*D. sp. (D. quadriseta agg.)* (Adams, 1855)  
*Dodonaea viscosa*  
*Dianella nigra*  
*Dichelachne crinita*  
*D. micrantha?* (Adams, 1855 as *D. sciurea*)  
*Dicksonia lanata*

*D. squarrosa*  
*Dodonaea viscosa*  
*Doodia media* ssp. *australis*  
*Dracophyllum latifolium* (incl. *D. mathewsii*)  
*D. lessonianum* (Oliver. 1929)  
*D. subulatum*  
*D. traversii* (incl. *D. pyramidale*)  
*Drosera binata* (Adams, 1885)  
*D. peltata* ssp. *auriculata* (f)  
*Drymoanthus adversus*  
*Dysoxylum spectabile*  
*Earina autumnalis*  
*E. mucronata*  
*Echinopogon ovatus* (Adams, 1885)  
*Elaeocarpus dentatus*  
*E. hookerianus* (A. Garrick pers. comm. in 1987)  
*Elatostema rugosum*  
*Eleocharis sphacelata* (Adams, 1885)  
*Elymus multiflorus* (Adams. 1885 as *Triticum multiflorum*)  
*E. narduroides* (Adams, 1885 as *Gymnostichum gracile*)  
*Epacris pauciflora* (Adams, 1885)  
*Epilobium alsinoides*  
*E. billardierianum* (Adams, 1885)  
*E. brunnescens*  
*E. cinereum* (Adams, 1885 as *E. junceum*)  
*E. nummulariifolium*  
*E. pallidiflorum* (Adams. 1885)  
*E. pedunculare*  
*E. pubens*  
*E. rotundifolium* (Adams. 1885)  
*\*Erica lusitanica*  
*\*Eucalyptus* sp.  
*\*Foeniculum vulgare*  
*Freycinetia, baueriana* subsp. *banksii*  
*Fuchsia excorticata*  
*Gabnia lacera*  
*G. pauciflora*  
*G. setifolia*  
*G. sp.* (c.f. *G. procera* and *G. pauciflora*)  
*Galium trilobum* (Adams. 1885 as *G. tenuicaule*)  
*Gaultheria antipoda*

*Geniostoma rupestre* var. *ligustrifolium*  
*\*Geranium dissectum* (Adams, 1885 as *G. pilosum*)  
*G. microphyllum* (Adams, 1885)  
*Gleichenia dicarpa* (Adams, 1885)  
*Gnaphalium audax*  
*G. gymnocephalum*  
*G. involucreatum* (Adams, 1885)  
*G. keriensense*  
*\*G. spicatum*  
*\*G. sphaericum*  
*Gonocarpus aggregatus* (Adams, 1885 as *Haloragis depressa*)  
*G. incanus* (Incl. *G. montanus*)  
*Grammitis billardierei*  
*G. ciliata*  
*G. magellanica* ssp. *nothofageti*  
*Griselinia littoralis*  
*G. lucida*  
*Haloragis erecta* ssp. *erecta*  
*\*Hakea* sp. (A. Garrick pers. comm. in 1987)  
*Hebe stricta* var. *egmontiana*  
*H. stricta* var. *stricta*  
*\*Hedera helix*  
*Hedycarya arborea*  
*Helichrysum bellidioides*  
*H. lanceolatum*  
*Hierochloe redolens* (Adams, 1885)  
*Histiopteris incisa*  
*\*Holcus lanatus*  
*Hydrocotyle dissecta*  
*H. heteromeria*  
*H. moschata*  
*H. novae-zealandiae* (Adams, 1885)  
*H. pterocarpa* (Adams, 1885)  
*Hymenophyllum armstrongii*  
*H. bivalve* (Adams, 1885)  
*H. demissum*  
*H. dilatatum*  
*H. ferrugineum*  
*H. flabellatum*  
*H. flexuosum*  
*H. hyalii* (NZFRI 48)  
*H. malingii*

*H. minimum* (Adams, 1885)  
*H. multifidum*  
*H. peltatum*  
*H. pulcherrimum*  
*H. rarum*  
*H. revolutum*  
*H. rufescens*  
*H. sanguinolentum*  
*H. rarum*  
*H. villosum* (Cheeseman, 1925)  
*Hypericum japonicum* (Adams, 1885)  
*Hypolepis ambigua* (Adams, 1885 as  
*Polypodium punctatum*)  
*H. rufobarbata*  
*Isachne globosa* (Adams, 1885 as *I.*  
*australis*)  
*Isolepis cernua* (Adams, 1885 as *Scirpus*  
*riparia*)  
*I. inundata* Adams, 1885 as *Scirpus*  
*Inundatus*)  
*I. nodosa* (Adams, 1885)  
*I. prolifer* (Adams, 1885)  
*I. sulcatus* (*Scirpus sulcatus* var.  
*distigmatus*)  
*Ixerba brexioides*  
*\*Juncus articulatus*  
*\*J. bufonius*  
*J. effusus*  
*J. gregiflorus*  
*J. holoschoenus* (Adams, 1885)  
*J. planifolius*  
*J. tenuis*  
*Knightia excelsa*  
*Kunzea ericoides* var. *ericoides*  
*Lagenifera pumila*  
*L. strangulata* (Adams, 1885 as *L.*  
*petiolata*)  
*Lastreopsis glabella*  
*L. hispida*  
*L. microsora* ssp. *pentangularis*  
*L. velutina* (M.C. Smale, pers. comm.)  
(NZFR)  
*Melicope simplex* (Adams, 1885)  
*M. ternata*  
*Melicytus lanceolatus*  
*M. ramiflorus* ssp. *ramiflorus*  
*\*Mentha pulegium.*  
*Metrosideros carminea*  
*M. diffusa*  
*M. fulgens*  
*M. perforata*  
*M. robusta*  
*\*Miscanthus nepalensis*  
*Microlaena avenacea*  
*M. polynoda* (Adams, 1885)  
*M. stipoides*  
*Microtis unifolia*  
*Morelotia affinis*  
*Muehlenbeckia australis*  
*M. complexa* (Adams, 1885)  
*\*Mycelis muralis*  
*Myriophyllum propinquum* (Adams, 1885 as  
*M. variaefolium*)  
*M. robustum* (Adams, 1885)  
*M. triphyllum* (Adams, 1885 as *M.*  
*elatinoides*)  
*Myrsine australis*  
*M. salicina*  
*Neomyrtus pedunculata* (Adams, 1885 as  
*Myrtus pedunculata*)  
*\*Nephrolepis cordifolia* (de Lange, 1985;  
Waik6686)  
*Nestegis cunninghamii* (Adams, 1885 as  
*Olea cunninghamii*)  
*N. lanceolata* (Adams, 1885 as *Olea*  
*lanceolata*)  
*N. montana* (Adams, 1885 as *Olea*  
*montana*)  
*Nertera ciliata* (Druce *et al.* 1982)  
*N. depressa*  
*N. dichondrifolia* (Adams, 1885)  
*Nothofagus fusca*  
*N. menziesii*  
*N. truncata* (K Garrick, pers comm. in  
1987)  
*Olearia albida* (Adams, 1885)  
*O. furfuracea*  
*O. rani*  
*O. solandri*  
*Ophioglossum coriaceum* (Adams, 1855 as  
*O. lusitanicum*)  
*Oplismenus aemulus* var. *flaccidus*

*Orthoceras strictum* agg.  
*Ourisia colensoi* (Druce et. al 1982)  
 \**Oxalis corniculata* (Adams, 1885)  
*Paesia scaberula*  
*Parabebe* sp.  
*Paratrophis microphylla*  
*Parsonsia heterophylla*  
 \**Paspalum distichum* (Adams, 1885)  
*Pelargonium inodorum* (Adams, 1885 as *P. astrale*)  
*Pellaea falcata* (Adams, 1885)  
*P. rotundifolia* (Adams, 1885)  
*Peperomia urvilleana*  
*Peraxilla colensoi* (de Lange, 1985 CHR438714)  
*P. tetrapetala* (Adams, 1855, as *Loranthus tetrapetalus*)  
*Pernettya macrostigma*  
*Phormium cookianum*  
*P. tenax* (Adams, 1885)  
*Phyllocladus alpinus*  
*P. glaucus*  
*P. trichomanoides*  
*Phymatosorus diversifolium*  
*P. novae-zelandiae*  
*P. scandens*  
 \**Physalis peruviana*  
 \**Phytolacca octandra*  
 \**Picea* sp.  
*Pimelea prostrata* s.s. (Adams, 1885)  
 \**Pinus radiata*  
 \**P.* sp. (2 needles/ fascicle)  
*Pittosporum cornifolium* (Adams, 1885)  
*P. crassifolium* (Adams, 1885)  
*P. tenuifolium* ssp. *tenuifolium*  
*P. umbellatum* (Adams, 1885)  
*Plagianthus regius* (M.C. Smale, pers. comm.) NZFRI )  
 \**Plantago lanceolata*  
 \**P. major*  
*Pneumatopteris pennigera*  
*Poa anceps* var. *anceps*  
*Podocarpus cunninghamii*  
 \**Polygonum aviculare* (Adams, 1885)  
*P. decipiens* (Adams, 1885)  
*Polystichum richardii*  
*P. silvaticum* (de Lange, 1985; Waik 5081)  
*P. vestitum*  
*Pomaderris ericifolia*  
 \**Populus nigra* cv. *Italica*  
*Potamogeton suboblongus* (Adams, 1885 as *P. polygonifolius*)  
*Potentilla anserinoides* (Adams, 1885 as *P. anserina*)  
 \**P. reptans*  
*Pratia angulata*  
 \**Prunella vulgaris*  
*Prumnopitys ferruginea*  
*P. taxifolia* (see. (A. Garrick, pers. comm., 1987)  
*Pseudognaphalium luteo-album*  
*Pseudopanax anomalus*  
*P. arboreus*  
*P. colensoi*  
*P. crassifolius*  
*P. discolor* (K Garrick pers. comm. In 1987)  
*P. edgerleyi* (Adams, 1885)  
*P. laetus*  
*P. simplex*  
 \**Pseudotsuga menziesii*  
*Pseudowintera axillaris*  
*P. colorata*  
*Pteridium esculentum*  
*Pteris macilentia*  
*P. tremula*  
*Pterostylis alobula*  
*P. banksii*  
*P. trullifolia*  
*Puccinellia stricta* (Adams, 1885 as *Glyceria stricta*)  
*Pyrrosia serpens*  
 \**Quercus robur* (de Lange, 1985, Waik 6689)  
*Quintinia serrata* (incl. *Q. acutifolia* & *Q. elliptica*)  
*Raoulia tenuicanlis* (Adams, 1885)  
*Ranunculus amphitricha* (Adams, 1855 as *R. rivularis*)  
*Ranunculus hirtus* s.s.  
 \**R. repens*

*Rhabdothermus solandri*  
*Rhopalostylis sapida*  
*Ripogonum scandens*  
*Rorippa gigantea* (Adams, 1885 as  
*Cardamine stylosa*)  
*R. palustris* (Adams, 1855 as *Nasturtium*  
*palustris*)  
*Rubus australis* (Adams, 1885)  
*R. cissoides*  
*R. (R. fruticosus agg.)*  
*Rumohra adiantiformis*  
*Rytidosperma gracile*  
 \**Salix* × *reichardtii*  
*Schefflera digitata*  
*Schizaea bifida* (Adams, 1885)  
*Schoenoplectus validus* (Adams, 1885 as  
*Scirpus lacustris*)  
*Schoenus apogon* (Adams, 1885 as *Schoenus*  
*brownii*)  
*S. maschalinus* (Adams, 1885 as *S.*  
*axillaris*)  
*S. tendo*  
 \**Selaginella kraussiana*  
 \**Senecio bipinnatisectus*  
*S. glomeratus* (Adams, 1885 as *Erechtites*  
*arguta*)  
 \**S. jacobaea*  
 \**S. minimus*  
 \**S. sylvaticus*  
*S. quadridentatus* (Adams, 1885 as  
*Erechtites quadri dentata*)  
 \**Solanum mauritianum*  
*S. nigrum*\*  
*S. pseudocapsicum*  
 \**8. sp. (aviculare or laciniatum)*  
 \**Sonchus oleraceus*  
*Sparganium subglobosum* (Adams, 1885 as  
*S. simplex*)  
*Stellaria decipiens* (incl. *S. minuta* & *S.*  
*parviflora*)  
 \**S. media*  
*Sticherus cunninghamii*  
*S. flabellatus* (Adams, 1885 as *Gleichenia*  
*flabellata*)  
*Syzygium maire* (Adams, 1885)  
*Taraxacum magellanicum* (Adams, 1885 as  
*T. deng-leonis*)

\**Teline monspessulana*  
*Teucrium parvifolium* (Adams, 1885)  
*Thelymitra longifolia*  
*Tmesipteris elongata* (incl. *T. elongata* ssp.  
*robusta*)  
*T. lanceolata*  
*T. tannensis*  
*Toronia toru* (Adams, 1885 as *Persoonia*  
*toru*)  
*Trichomanes elongatum*  
*T. endlicherianum*  
*T. strictum* (de Lange, 1985. Waik 1881)  
*T. venosum*  
 \**Trifolium repens*  
*Typha orientalis* (Adams, 1885 as *T.*  
*angustifolia*)  
 \**Ulex europaeus*  
*Uncinia banksii*  
*U. ferruginea* (Adams, 1885)  
*U. filiformis.*  
*U. rupestris* (incl. *U. angustifolia* (Adams,  
 1885)  
*U. uncinata*  
*U. zotovii*  
*Viola filicaulis*  
*Vitex lucens*  
*Wahlenbergia albomarginata*  
 \**W. marginata*  
*Weinmannia racemosa*

KEY:

\* adventive (78)

introduced native - planted or derived  
 from plantings (10)

NZFRI Forest Research Institute  
 Herbarium, Rotorua

WAIK Waikato University Herbarium  
 flowering

## FERNS ON MT. TE AROHA

List of ferns seen on Mt. Te Aroha  
5.11.06 (E. Grove and C. Beard)  
(Waikato BotSoc Newsletter 24  
Dec06).

*Adiantum cunninghamii*  
*Adiantum viridescens*  
*Anarthropteris lanceolata*  
*Asplenium bulbiferum*  
*Asplenium flaccidum*  
*Asplenium lamprophyllum*  
*Asplenium oblongifolium*  
*Asplenium polyodon*  
*Blechnum chambersii*  
*Blechnum discolor*  
*Blechnum filiforme*  
*Blechnum fluviatile*  
*Blechnum membranaceum*  
*Blechnum nigrum*  
*Blechnum novae-zelandiae*  
*Blechnum procerum*  
*Cyathea dealbata*  
*Cyathea medullaris*  
*Cyathea smithii*  
*Dicksonia squarrosa*  
*Doodia australis*  
*Grammitis spp.*  
*Histopteris incisa*  
*Huperzia varia (Lycopodium varium)*  
*Hymenophyllum armstrongii*  
*Hymenophyllum demissum*  
*Hymenophyllum dilatatum*  
*Hymenophyllum ferrugineum*  
*Hymenophyllum flabellatum*  
*Hymenophyllum lyallii*  
*Hymenophyllum malingii*  
*Hymenophyllum multifidum*  
*Hymenophyllum pulcherrimum*  
*Hymenophyllum revolutum*  
*Hymenophyllum sanguinolentum*  
*Hymenophyllum villosum*  
*Hypolepis rufobarbata*  
*Lastreopsis glabella*

*Lastreopsis hispida*  
*Leptopteris hymenophylloides*  
*Lindsaea trichomanoides*  
*Lycopodium deuterodensum*  
*Lygodium articulatum*  
*Microsorium (Phymatosorus)*  
*pustulatum*  
*Microsorium (Phymatosorus) scandens*  
*Paesia scaberula*  
*Pneumatopteris pennigera*  
*Polystichum neo-zelandicum (P.*  
*richardii)*  
*Pteridium esculentum*  
*Pteris macilenta*  
*Pteris tremula*  
*Pyrrosia eleagnifolia*  
*Rumohra adiantiformis*  
*Sticherus cunninghamii*  
*Tmesipteris elongata*  
*Tmesipteris lanceolata*  
*Tmesipteris tannensis*  
*Trichomanes endlicherianum*  
*Trichomanes elongatum*  
*Trichomanes venosum*