

## Appendix B. Database Organization: Data input forms

- A. Names: scientific names and synonyms, species codes used in the database, common names
- B. Life form: species life/growth form
- C. Origin: region/country of origin, habitats occupied in native range, citation
- D. Habitat: habitats occupied in nonnative range, citation
- E. Disturbance: cover class species is associated with and/or relative shade tolerance, response to disturbance, types of disturbance that facilitate spread, citation
- F. Citations: detailed referencing for each source, literature reviews identified
- G. Seed production: seeds/plant, seed/m<sup>2</sup>, comments, citation
- H. Seed description: seed weight (mg), seed length and width (mm), pappus length (mm), citation
- I. Seed dispersal: seed dispersal distance, citation
- J. Seed dispersal mechanism: agent of seed dispersal, citation
- K. Seed germination: percent germination, comments, citation
- L. Seed bank: seed bank longevity, seed bank density, comments, citation
- M. Seedling density: seedlings/m<sup>2</sup>, comments, citation
- N. Juvenile density: juveniles/rosettes/m<sup>2</sup>, comments, citation
- O. Adult density: adults/m<sup>2</sup>, comments, citation
- P. Survivorship: percent survival for seed, seedling, juvenile/rosette, and adult life stages, comments, citation
- Q. Transitions: probability of transitioning between seed/seedling, seedling/juvenile, juvenile/adult, seedling/adult, adult/seed-producing life stages, comments, citation
- R. Reproductive age: age at which species reaches sexual maturity, plant longevity, comments, citation
- S. Propagule: importance of asexual reproduction, propagules/adult, rate of spread, propagules/m<sup>2</sup>, comments, citation
- T. Population growth rate: relative growth rate, intrinsic growth rate ( $\lambda$ ), life stages with high levels of sensitivity, estimated invasion rate, comments, citation
- U. Fire: management of species with prescribed fire, response to fire disturbance, citation
- V. Herbicides: management of species with herbicides, citation

W. Mow: management of species by mowing or cutting, citation

X. Graze: management of species by grazing, response to grazing disturbance, citation

Y. Cultivation: management of species by cultivation, response to cultivation, citation

Z. Biological: biocontrol insects and fungi used to control species and their impact,  
citation