

APPENDIX C

SPECIES LIST

Table C-1 Special-Status Aquatic Species Potentially Occurring in the Project Area

Species	Status	Habitat Description	Comments
<i>Fish</i>			
Tidewater goby (<i>Eucyclogobius newberryi</i>)	FE, CSC	Brackish water habitats. Found in shallow lagoons and lower stream reaches.	Does occur. Suitable habitat present in Laguna, Baldwin, Wilder, and Moore creeks
Coho salmon (<i>Oncorhynchus kisutch</i>)	FT, SE, CSC	Creeks, streams and or rivers with good vegetative cover, cool water and sufficient dissolved oxygen.	May occur. Potentially suitable habitat present in the project area.
Steelhead-Central California Coast (<i>Oncorhynchus mykiss</i>)	FT	Creeks, streams and or rivers with adequate riparian cover.	Does occur. Suitable habitat present in the project area.
<i>Amphibians</i>			
Santa Cruz long-toed salamander (<i>Ambystoma macrodactylum croceum</i>)	FE	Wet meadows near sea level. Use mammal burrows.	Unlikely to occur due to lack of suitable habitat.
California red-legged frog (<i>Rana aurora draytonii</i>)	FT, CSC	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent vegetation.	Does occur. Suitable habitat present in the project area.
California tiger salamander (<i>Ambystoma californiense</i>)	CSC	Annual grass habitat, valley-foothill hardwood habitats and along stream courses. Seasonal ponds and vernal pools are crucial for breeding.	May occur. Potentially suitable habitat in the project area.
<i>Reptiles</i>			
San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>)	FE	Occurs only in the vicinity of ponds and reservoirs in San Mateo County.	Unlikely to occur due to lack of suitable habitat.
Southwestern pond turtle (<i>Clemmys marmorata pallida</i>)	CSC	Permanent or nearly permanent bodies of water in many habitat types. Require basking sites (logs, veg mats or open mud banks).	May occur. Potentially suitable habitat present in the project area.
Western pond turtle (<i>Clemmys marmorata</i>)	CSC	Aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches with aquatic vegetation. Require basking sites (logs, veg mats or open mud banks).	Does occur. Suitable habitat present in the project area.

Status:

CSC California Species of Special Concern
SE State Endangered Species
ST State Threatened Species
FE Federal Endangered Species
FT Federal Threatened Species

Table C-2 Special-Status Terrestrial Wildlife Species Potentially Occurring in the Project Area

Species	Status	Habitat	Comments
<i>Invertebrates</i>			
Beetle, Mount Hermon June (<i>Polyphylla barbata</i>)	FE	Limited to the Zayante sand hills ecosystem. Found in sand parkland and other areas within chaparral and ponderosa pine stands.	Unlikely to occur due to lack of suitable habitat.
Beetle, Ohlone Tiger (<i>Cicindela ohlone</i>)	FE	Coastal terraces supporting remnant patches of native grassland habitat characterized by California oatgrass (<i>Danthonia californica</i>) and purple needlegrass (<i>Stipa pulchra</i>). Often found along trails (e.g. foot paths, dirt roads, and bicycle paths). Associated with either Watsonville loam or Bonnydoon soil types in Santa Cruz County.	May occur. Potentially suitable habitat present in the project area.
Butterfly, Smith's Blue (<i>Euphilotes enoptes smithi</i>)	FE	Coastal dune, coastal scrub, chaparral, and grassland habitats. Host plants: seacliff buckwheat (<i>Eriogonum parvifolium</i>) and coast buckwheat (<i>Eriogonum latifolium</i>).	May occur. Potentially suitable habitat present in the project area.
Grasshopper, Zayante Band-Winged (<i>Trimerotropis infantilis</i>)	FE	Restricted to the Zayante sand hills ecosystem. Found in sand parkland habitat on ridges and hills.	Unlikely to occur due to lack of suitable habitat.
<i>Birds</i>			
Blackbird, Tricolored (<i>Agelaius tricolor</i>)	CSC	Nests in freshwater emergent wetland and occasionally in willow thickets/riparian understory. Feeds in grasslands and croplands. Found in Sacramento-San Joaquin Valley, coastal areas, and several inland lakes.	May occur. Potentially suitable habitat present in the project area.
Eagle, Bald (<i>Haliaeetus leucocephalus</i>)	FT SE CFP	Winters at lakes, reservoirs, river systems, and some rangelands and coastal wetlands throughout most of California. Breeds in mountainous habitats near reservoirs, lakes and rivers, mainly in the northern two-thirds of the State, in the Central Coast Range, and on Santa Catalina Island. Nests generally built in the upper canopy of large trees.	Unlikely to occur due to lack of suitable habitat.

Table C-2 Special-Status Terrestrial Wildlife Species Potentially Occurring in the Project Area (Continued)

Species	Status	Habitat	Comments
<i>Birds (continued)</i>			
American Peregrine Falcon (<i>Falco peregrinus anatum</i>)	SE	Wetlands, woodlands, other forested habitats, cities, agricultural areas and coastal habitats. Nests on ledges of large cliff faces, but some pairs nest on man-made structures.	Does occur. Nesting site present in Majors Creek watershed.
Hawk, Cooper's (<i>Accipiter cooperii</i>)	CSC	Wooded habitat near water, especially live oak and riparian deciduous. Breeds throughout much of the wooded portions of the state.	Does occur. Suitable habitat present in the project area.
Murrelet, Marbled (<i>Brachyramphus marmoratus marmoratus</i>)	FT ST	Marine subtidal and pelagic habitats from the Oregon border to Point Sal, Santa Barbara Co. Forages close to shore in shallow water. Requires dense, mature forests of redwood and Douglas-fir for breeding and roosting.	Unlikely to occur due to lack of suitable habitat.
Owl, Burrowing (<i>Athene cunicularia</i>)	CSC	Open, dry grasslands and deserts, and in grass, forb, and open shrub stages of pinyon-juniper and ponderosa pine habitats. Found in appropriate habitats throughout the state.	May occur. Potentially suitable habitat present in the project area.
Pelican, Brown (<i>Pelecanus occidentalis</i>)	FE SE CFP	Estuarine, marine subtidal, and marine pelagic waters along the California coast. Breeds on Channel Islands: Anacapa, Santa Barbara, and Santa Cruz.	Does occur. Suitable habitat present on Wilder Beach.
Plover, Western Snowy (<i>Charadrius alexandrinus nivosus</i>)	FT CSC	Sandy marine and estuarine shores. Nests predominately on salt pond levees. Sand spits, dune-backed beaches, unvegetated beach strands, open areas around estuaries, and beaches at river mouths are preferred nesting habitats.	Does occur. Suitable habitat present on Laguna and Wilder Beach.
Rail, California Clapper (<i>Rallus longirostris obsoletus</i>)	FE SE CFP	Wetlands and brackish areas around San Francisco, Monterey, and Morro bays. Forages in higher marsh vegetation, along vegetation and mudflat interface, and along tidal creeks. Nests mostly in lower zones, where cordgrass is abundant and tidal sloughs are nearby.	Unlikely to occur due to lack of suitable habitat.

Table C-2 Special-Status Terrestrial Wildlife Species Potentially Occurring in the Project Area (Continued)

Species	Status	Habitat	Comments
Birds (continued)			
Swift, Black (<i>Cypseloides niger</i>)	CSC	Breeds on sea cliffs above surf, or on cliff behind, or adjacent to, waterfall in deep canyon. Forages throughout many types of habitats. Does not winter in California.	Does occur. Suitable habitat present along marine cliffs around Wilder Beach.
Yellowthroat, Saltmarsh Common (<i>Geothlypis trichas sinuosa</i>)	CSC	Wetland habitats. Breeds in woody swamps, brackish marshes, and freshwater marshes. Winters in salt marshes.	Unlikely to occur due to lack of suitable habitat.
Mammals			
Otter, Southern Sea (<i>Enhydra lutris nereis</i>)	FT CFP	Live in the near-shore waters along the North Pacific ocean and don't typically use beaches.	Unlikely to occur due to lack of suitable habitat.

Status:

CSC California Species of Special Concern
 CFP California Fully Protected Species
 SE State Endangered Species
 ST State Threatened Species
 FE Federal Endangered Species
 FT Federal Threatened Species
 FPT Federal Proposed Threatened Species
 FPE Federal Proposed Endangered Species
 FC Federal Candidate Species
 FSC Federal Species of Concern

Table C-3 Special-Status Plant Species Potentially Occurring in the Project Area

Species	Listing Status	Habitat	Growth Form	Flowering Period	Potential for Occurrence
Blasdale's bent grass (<i>Agrostis blasdalei</i>)	CNPS 1b	Coastal bluff scrub, coastal dunes, and coastal prairie; sandy and gravelly soil. 5-150 m. elev.	perennial herb (rhizomatous)	May-Jul	Habitat present in Project area
Bent-flowered fiddleneck (<i>Amsinckia lunaris</i>)	CNPS 1b	Coastal bluff scrub, cismontane woodland, valley and foothill grassland; openings 50-500 m. elev.	annual herb	Mar-Jun	Habitat present in Project area
No common name (<i>Anomobryum filiforme</i>)	CNPS 2	Broadleaf upland forest, lower montane coniferous forest, North Coast coniferous forest; damp rock and soil on outcrops, usually on roadcuts. 100-1000 m. elev.	moss	N/A	Habitat present in Project area
Santa Cruz manzanita (<i>Arctostaphylos andersonii</i>)	CNPS 1b	Broadleaf upland forest, chaparral, and North Coast coniferous forest; openings, edges. 80-800 m. elev.	shrub (evergreen)	Nov-Apr	Habitat present in Project area
Schreiber's manzanita (<i>Arctostaphylos glutinosa</i>)	CNPS 1b	Closed-cone coniferous forest and chaparral; mudstone and diatomaceous shale outcrops. 170-690 m. elev.	shrub (evergreen)	Nov-Apr	Habitat present in Project area.
Hooker's manzanita (<i>Arctostaphylos hookeri</i> ssp. <i>Hookeri</i>)	CNPS 1b	Closed-cone coniferous forest, chaparral cismontane woodland and coastal scrub; sandy soil, shales, sandstone outcrops. 85-300 m. elev.	shrub (evergreen)	Feb-Jun	Habitat present in Project area
Pajaro manzanita (<i>Arctostaphylos pajaroensis</i>)	CNPS 1b	Chaparral; sandy. 30-760 m. elev.	shrub (evergreen)	Dec-Mar	Habitat present in vicinity of Project area
Bonny Doon manzanita (<i>Arctostaphylos silvicola</i>)	CNPS 1b	Chaparral, closed-cone coniferous forest and lower montane coniferous forest; inland marine sands. 120-390 m. elev.	shrub (evergreen)	Feb-Mar	Habitat present in Project area
Marsh sandwort (<i>Arenaria paludicola</i>)	FE, CE, CNPS 1b	Bogs and fens, marshes and swamps; freshwater. 10-170 m. elev.	perennial herb (<i>stoloniferous</i>)	May-Aug	Habitat present in Project area
Coastal marsh milk-vetch (<i>Astragalus pycnostachyus</i> var. <i>pycnostachyus</i>)	CNPS 1b	Coastal dunes, marshes and swamps; mesic, coastal salt and streamsides. 0-30 m. elev.	perennial herb	Apr-Oct	Limited habitat present in Project area. Project is higher in elevation than the report range.

Table C-3 Special-Status Plant Species Potentially Occurring in the Project Area (Continued)

Species	Listing Status	Habitat	Growth Form	Flowering Period	Potential for Occurrence
Santa Cruz Mountains pussypaws (<i>Calyptridium parryi</i> var. <i>hesseae</i>)	CNPS 3	Chaparral and cismontane woodland. 700-1100 m. elev.	annual herb	May-Jul	Habitat present in Project area, but Project is lower than the elevation range for this species.
Swamp harebell (<i>Campanula californica</i>)	CNPS 1b	Bogs and fens, closed-cone coniferous forest, coastal prairie, meadows, marshes and swamps; freshwater. 1-405 m. elev.	perennial herb (rhizomatous)	Jun-Oct	Habitat present in Project area
Bristly sedge (<i>Carex comosa</i>)	CNPS 2	Coastal prairie, marshes and swamps, valley and foothill grassland; lake margins and mesic sites. 0-425 m. elev.	perennial herb (rhizomatous)	May-Sep	Habitat present in Project area
Deceiving sedge (<i>Carex saliniformis</i>)	CNPS 1b	Coastal prairie, coastal scrub, meadows, seeps, marshes and swamps; mesic sites with coastal salt. 3-230 m. elev.	perennial herb (rhizomatous)	Jun	Habitat present in Project area
Coyote ceanothus (<i>Ceanothus ferrisae</i>)	FE, CNPS 1b	Chaparral, coastal scrub, valley and foothill grassland; serpentinite. 120-455 m. elev.	shrub (evergreen)	Jan-May	Habitat present in Project area
Ben Lomond spineflower (<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>)	FE, CNPS 1b	Lower montane coniferous forest; maritime ponderosa pine sandhills. 120-470 m. elev.	annual herb	Apr-Jul	Habitat present in Project area
Monterey spineflower (<i>Chorizanthe pungens</i> var. <i>pungens</i>)	FT, CNPS 1b	Maritime chaparral, cismontane woodland, coastal dunes, coastal scrub, valley and foothill grassland; sandy. 0-150 m. elev.	annual herb	Apr-Jun	Habitat present in Project area
Scott's Valley spineflower (<i>Chorizanthe robusta</i> var. <i>hartwegii</i>)	FE, CNPS 1b	Meadows, valley and foothill grassland; sandy, mudstone and sandstone outcrops. 230-245 m. elev.	annual herb	Apr-Jul	Habitat present in Project area, but Project area is below the elevation range for this species.
Robust spineflower (<i>Chorizanthe robusta</i> var. <i>robusta</i>)	FE, CNPS 1b	cismontane woodland, coastal dunes, coastal scrub; sandy or gravelly openings, terraces and bluffs. 3-120 m. elev.	annual herb	Apr-Sep	Habitat present in Project area

Table C-3 Special-Status Plant Species Potentially Occurring in the Project Area (Continued)

Species	Listing Status	Habitat	Growth Form	Flowering Period	Potential for Occurrence
Franciscan thistle (<i>Cirsium andrewsii</i>)	CNPS 1b	Broadleaf upland forest, coastal bluff scrub, coastal prairie and coastal scrub; mesic, sometimes serpentinite. 0-100 m. elev.	perennial herb	Mar-Jul	Habitat present in Project area
San Francisco collinsia (<i>Collinsia multicolor</i>)	CNPS 1b	Closed-cone coniferous forest and coastal scrub; sometimes serpentinite, shade. 0-250 m. elev.	perennial herb	Mar-Jul	Habitat present in Project area
Branching beach aster (<i>Corethrogyne leucophylla</i>)	CNPS 3	Closed-cone coniferous forest and coastal dunes. 3-60 m. elev.	perennial herb	May-Dec	Habitat present in Project area
Santa Cruz cypress (<i>Cupressus abramsiana</i>)	FE, CE, CNPS 1b	Closed-cone coniferous forest, chaparral and lower montane coniferous forest; sandstone or granitic soils. 300-800 m. elev.	tree (evergreen)	N/A	Habitat present in Project area, but Project area is below the elevation range for this species.
Ben Lomond buckwheat (<i>Eriogonum nudum</i> var. <i>ducurrens</i>)	CNPS 1b	Chaparral, cismontane woodland and lower montane coniferous forest; sandy, maritime ponderosa pine sandhills. 50-800 m. elev.	perennial herb	Jun-Oct	Habitat present in Project area
Coast wallflower (<i>Erysimum ammophilum</i>)	CNPS 1b	Maritime chaparral, coastal dunes and coastal scrub; sandy soil, openings. 0-130 m. elev.	perennial herb	Feb-Jun	Habitat present in Project area
Santa Cruz wallflower (<i>Erysimum teretifolium</i>)	FE, CE, CNPS 1b	Chaparral and lower montane coniferous forest; inland and marine sands. 120-610 m. elev.	perennial herb	Mar-Jul	Habitat present in Project area
Sand gilia (<i>Gilia tenuiflora</i> ssp. <i>Arenaria</i>)	FE, ST, CNPS 1b	Coastal dunes, coastal scrub, maritime chaparral and cismontane woodland; bare, wind-sheltered areas within dune complex, Monterey County. 0-245 m. elev.			Habitat present in Project area
San Francisco gumplant (<i>Grindelia hirsutula</i> var. <i>maritima</i>)	CNPS 1b	Coastal bluff scrub, coastal scrub, valley and foothill grassland; sandy or serpentinite. 0-400 m. elev.	perennial herb	Aug-Sep	Habitat present in Project area
Short-leaved evax (<i>Hesper-evax sparsiflora</i> var. <i>brevifolia</i>)	CNPS 2	Coastal bluff scrub and coastal dunes; sandy. 0-200 m. elev.	annual herb	Mar-Jun	Habitat present in Project area

Table C-3 Special-Status Plant Species Potentially Occurring in the Project Area (Continued)

Species	Listing Status	Habitat	Growth Form	Flowering Period	Potential for Occurrence
Loma Prieta hoita (<i>Hoita strobilina</i>)	CNPS 1b	Chaparral, cismontane woodland and riparian woodland; usually serpentinite, mesic. 0-600 m. elev.	perennial herb	May-Oct	Habitat unlikely present in Project area
Santa Cruz tarplant (<i>Holocarpha macradenia</i>)	FT, CE, CNPS 1b	Coastal prairie, coastal scrub, valley and foothill grassland; sandy-clay soil. 10-260 m. elev.	annual herb	Jun-Oct	Habitat present in Project area
Kellogg's horkelia (<i>Horkelia cuneata</i> ssp. <i>Sericea</i>)	CNPS 1b	Closed-cone coniferous forest, maritime chaparral, coastal scrub, dunes and coastal sandhills; sandy or gravelly openings. 10-200 m. elev.	perennial herb	Apr-Sep	Habitat present in Project area
Point Reyes horkelia (<i>Horkelia marinensis</i>)	CNPS 1b	Coastal dunes, coastal prairie and coastal scrub; sandy. 15-350 m. elev.	perennial herb	May-Sep	Habitat present in Project area
Woolly-headed lessingia (<i>Lessingia hololeuca</i>)	CNPS 3	Broadleaf upland forest, coastal scrub, lower montane coniferous forest, valley and foothill grassland; clay and serpentinite. 0-300 m. elev.	annual herb	Jun-Oct	Habitat present in Project area
Smooth lessingia (<i>Lessingia micradenia</i> var. <i>glabrata</i>)	CNPS 1b	Chaparral and cismontane woodland; serpentinite, roadsides. 120-485 m. elev.	annual herb	Jul-Nov	Habitat present in Project area
Point Reyes meadowfoam (<i>Limnanthes douglasii</i> ssp. <i>Sulphurea</i>)	CE, CNPS 1b	Coastal prairie, cismontane woodland, meadows, seeps, marshes, swamps and vernal pools; freshwater, dark clay soil. 10-120 m. elev.	annual herb	Mar-May	Habitat present in Project area
Arcuate bush mallow (<i>Malacothamnus arcuatus</i>)	CNPS 1b	Chaparral and coastal scrub. 0-600 m. elev.	shrub (evergreen)	Apr-Sep	Habitat present in Project area
Mt. Diablo cottonweed (<i>Micropus amphibolus</i>)	CNPS 3	Broadleaf upland forest, chaparral, cismontane woodland, valley and foothill grassland; rocky. 50-800 m. elev.	annual herb	Mar-May	Habitat present in Project area
Marsh microseris (<i>Microseris paludosa</i>)	CNPS 1b	Closed-cone coniferous forest, cismontane woodland, coastal scrub, valley and foothill grassland. 0-300 m. elev.	perennial herb	Apr-Jun	Habitat present in Project area

Table C-3 Special-Status Plant Species Potentially Occurring in the Project Area (Continued)

Species	Listing Status	Habitat	Growth Form	Flowering Period	Potential for Occurrence
No common name (<i>Mielichhoferia elongata</i>)	CNPS 2	Cismontane woodland; metamorphic rock, usually vernal mesic.	moss	Apr-Jun	Habitat unlikely present in Project area
Dudley's lousewort (<i>Pedicularis dudleyi</i>)	CR, CNPS 1b	Maritime chaparral, cismontane woodland, North Coast coniferous forest, valley and foothill grassland; deep shade. 100-490 m. elev.	perennial herb	Apr-Jun	Habitat present in Project area
Santa Cruz Mountains beardtongue (<i>Penstemon rattanii</i> var. <i>kleei</i>)	CNPS 1b	Chaparral, lower montane coniferous forest and North Coast coniferous forest; sandy shale, slopes. 400-1100 m. elev.	perennial herb	May-Jun	Habitat present in Project area
White-rayed pentachaeta (<i>Pentachaeta bellidiflora</i>)	FE, CE, CNPS 1b	Valley and foothill grassland; often serpentine soils. 35-620 m. elev.	annual herb	Mar-May	Habitat unlikely to be present in Project area
Monterey pine (<i>Pinus radiata</i>)	CNPS 1b	Closed-cone coniferous forest and cismontane woodland; dry bluffs and slopes. 25-185 m. elev.	tree (evergreen)	N/A	Habitat present in Project area
Choris's popcorn-flower (<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i>)	CNPS 1b	Chaparral, coastal prairie and coastal scrub; mesic. 0-100 m. elev.	annual herb	Mar-Jun	Habitat present in Project area
San Francisco popcorn-flower (<i>Plagiobothrys diffusus</i>)	CE, CNPS 1b	Coastal prairie, valley and foothill grassland; grassy slopes with marine influence. 60-485 m. elev.	annual herb	Mar-Jun	Habitat present in Project area
Scotts Valley polygonum (<i>Polygonum hickmanii</i>)	FPE, CNPS 1b	Valley and foothill grassland; vernal moist mudstone and sandstone outcrops. 210-250 m. elev.	annual herb	May-Aug	Habitat unlikely to be present in Project
Pine rose (<i>Rosa pinetorum</i>)	CNPS 1b	Closed-cone coniferous forest; canyons. 0-300 m. elev.	shrub	May-Jul	Habitat present in Project area
Maple-leaved checkerbloom (<i>Sidalcea malachroides</i>)	CNPS 1b	Broadleaf upland forest, coastal prairie, coastal scrub and North Coast coniferous forest; often in disturbed areas and clearings. 2-760 m. elev.	perennial herb	Apr-Aug	Habitat present in Project area

Table C-3 Special-Status Plant Species Potentially Occurring in the Project Area (concluded)

Species	Listing Status	Habitat	Growth Form	Flowering Period	Potential for Occurrence
San Francisco campion (<i>Silene verecunda</i> ssp. <i>Verecunda</i>)	CNPS 1b	Coastal bluff scrub, chaparral, coastal prairie, coastal scrub, valley and foothill grassland; sand, mudstone, shale or serpentine. 30-645 m. elev.	perennial herb	Mar-Aug	Habitat present in Project area
Santa Cruz microseris (<i>Stebbinsoseris decipiens</i>)	CNPS 1b	Broadleaf upland forest, closed-cone coniferous forest, chaparral, coastal prairie and coastal scrub; open disturbed areas with sandstone, shale or serpentine derived soils. 10-500 m. elev.	annual herb	Apr-May	Habitat present in Project area
Santa Cruz clover (<i>Trifolium buckwestiorum</i>)	CNPS 1b	Broadleaf upland forest, cismontane woodland and coastal prairie; mesic sites. 60-545 m. elev.	annual herb	Apr-Oct	Habitat present in Project area
Caper-fruited tropidocarpum (<i>Tropidocarpum capparideum</i>)	CNPS 1a	Valley and foothill grassland; alkaline hills. 0-455 m. elev.	annual herb	Mar-Apr	Habitat unlikely present in Project area
Long-beard lichen (<i>Usnea longissima</i>)	N/A	North Coast coniferous forest and broadleaf upland forest. 0-650 m. elev.	lichen	N/A	Habitat present in Project area

Status:

FE = Federally listed as Endangered

FT = Federally listed as Threatened

FPE = Federally proposed for listing as Endangered

CE = Listed by California as Endangered

CT = Listed by California as Threatened

CR = Listed by California as Rare

CNPS 1a = California Native Plant Society: plants believed to be extinct in California.

CNPS 1b = California Native Plant Society: plants rare in California but more common elsewhere.

CNPS 2 = California Native Plant Society: plants for which more information is needed.

CNPS 3 = California Native Plant Society: plants for which more information is needed.

Status codes derived from CNDDDB (CDFG 2002a), CDFG (2002b, 2002c), CNPS (2001).