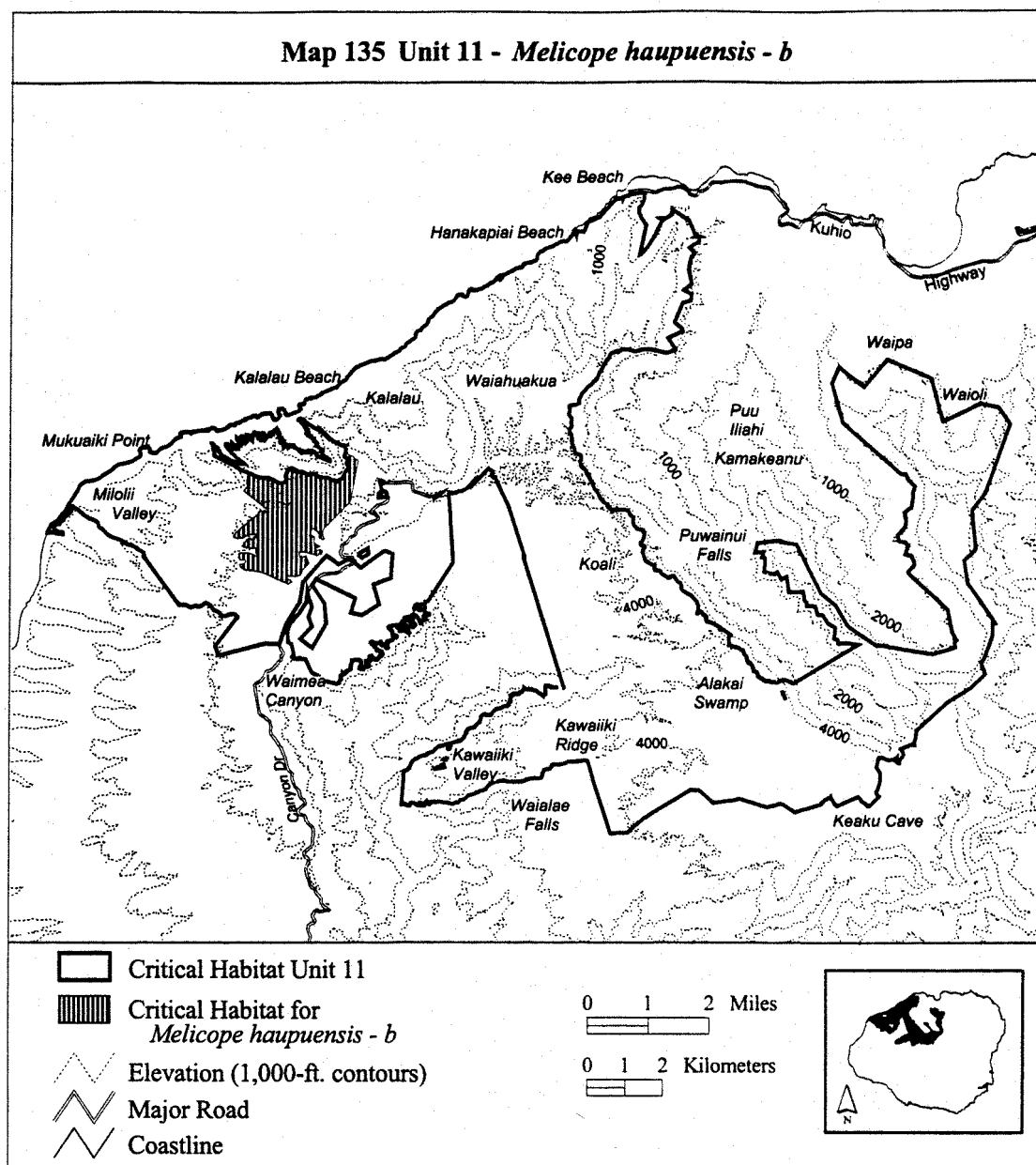


2448173; 431667, 2448147; 431676,  
2448133; 431662, 2448106; 431657,  
2448061; 431812, 2447974; 431789,  
2447963; 431806, 2447957; 431745,  
2447927; 431713, 2447927; 431682,  
2447912; 431713, 2447862; 431862,  
2447874; 431900, 2447812; 431862,  
2447756; 431800, 2447769; 431750,  
2447725; 431607, 2447769; 431427,  
2447825; 431371, 2447818; 431271,  
2447819; 431284, 2447719; 431408,  
2447694; 431452, 2447725; 431526,  
2447520; 431396, 2447383; 431340,  
2447315; 431327, 2447259; 431290,  
2447215; 431197, 2447172; 430948,  
2447197; 430948, 2447135; 431060,  
2447066; 431085, 2447029; 431035,  
2447023; 431016, 2446985; 430736,  
2447091; 430493, 2447209; 430388,  
2447253; 430325, 2447290; 430027,  
2447346; 429877, 2447340; 429722,  
2447421; 429697, 2447495; 429821,  
2447520; 429859, 2447576; 429834,  
2447620; 429772, 2447626; 429728,  
2447607; 429678, 2447645; 429660,  
2447676; 429691, 2447725; 429672,  
2447775; 429716, 2447806; 429741,  
2447788; 429797, 2447806; 429965,  
2447794; 430039, 2447769; 430126,  
2447725; 430176, 2447719; 430176,

2447750; 430120, 2447788; 430120,  
2447931; 430008, 2447931; 429865,  
2447956; 429803, 2447962; 429790,  
2448012; 429853, 2448080; 429896,  
2448155; 429958, 2448179; 430052,  
2448148; 430139, 2448211; 430139,  
2448298; 430033, 2448304; 429865,  
2448242; 429778, 2448186; 429548,  
2448204; 429548, 2448279; 429653,  
2448385; 429716, 2448422; 429772,  
2448497; 429877, 2448559; 430014,  
2448702; 430108, 2448758; 430151,  
2448795; 430195, 2448888; 430257,  
2448913; 430338, 2448876; 430400,  
2448882; 430425, 2448913; 430420,  
2448957; 429806, 2449454; 429896,  
2449552; 429879, 2449729; 429905,  
2449923; 429915, 2449923; 429944,  
2449910; 429968, 2449904; 430016,  
2449884; 430068, 2449856; 430172,  
2449815; 430207, 2449804; 430261,  
2449795; 430317, 2449781; 430340,  
2449778; 430365, 2449787; 430392,  
2449798; 430408, 2449802; 430410,  
2449802; 430406, 2449796; 430471,  
2449787; 430527, 2449754; 430583,  
2449736; 430635, 2449693; 430696,  
2449656; 430720, 2449646; 430819,  
2449646; 430899, 2449674; 430918,  
2449717; 430904, 2449834; 430927,

2449905; 430955, 2449985; 430993,  
2450032; 431068, 2450041; 431153,  
2450008; 431238, 2449970; 431285,  
2449942; 431360, 2449956; 431449,  
2449886; 431497, 2449867; 431605,  
2449895; 431657, 2449890; 431699,  
2449876; 431765, 2449810; 431864,  
2449801; 431981, 2449792; 432047,  
2449787; 432113, 2449740; 432217,  
2449712; 432259, 2449679; 432344,  
2449744; 432419, 2449806; 432471,  
2449904; 432504, 2449961; 432579,  
2450036; 432551, 2450083; 432523,  
2450130; 432523, 2450182; 432565,  
2450262; 432523, 2450304; 432475,  
2450313; 432452, 2450337; 432461,  
2450375; 432480, 2450426; 432490,  
2450478; 432501, 2450529; 432504,  
2450523; 432515, 2450503; 432528,  
2450468; 432550, 2450412; 432573,  
2450385; 432591, 2450373; 432650,  
2450343; 432692, 2450330; 432709,  
2450317; 432733, 2450275; 432745,  
2450272; 432752, 2450270; 432768,  
2450266; 432797, 2450260; 432826,  
2450224; 432630, 2449144; return to  
starting point.

(B) **Note:** Map 135 follows:

Map 135 Unit 11 - *Melicope haupuensis* - b

(cxxxvi) Kauai 11—*Melicope haupuensis*—c (290 ha; 716 ac)

(A) Unit consists of the following 184 boundary points: Start at 438165,

2444743; 438359, 2444869; 438336, 2444973; 438382, 2445065; 438532, 2444973; 438590, 2444869; 438634, 2444680; 438740, 2444673; 438913, 2444615; 438993, 2444767; 439086, 2444765; 439144, 2444811; 439421, 2444984; 439559, 2444972; 439524, 2445099; 439594, 2445249; 439686, 2445238; 439755, 2445318; 439836, 2445261; 439940, 2445249; 440032, 2445238; 440067, 2445203; 440101, 2445203; 440136, 2445145; 440263, 2445099; 440286, 2445007; 440344, 2445030; 440424, 2445041; 440459,

2445111; 440540, 2445099; 440586, 2445099; 440586, 2445157; 440644, 2445203; 440713, 2445180; 440840, 2445191; 440886, 2445099; 440886, 2444984; 440828, 2444891; 440840, 2444765; 440932, 2444834; 441013, 2444903; 441117, 2444903; 441105, 2444799; 440955, 2444707; 440851, 2444638; 440713, 2444649; 440655, 2444857; 440551, 2444788; 440551, 2444718; 440378, 2444661; 440147, 2444661; 440044, 2444788; 440044, 2444730; 439997, 2444696; 440032, 2444615; 439997, 2444534; 439905, 2444511; 439790, 2444361; 439663, 2444430; 439559, 2444361; 439547, 2444292; 439467, 2444280; 439386, 2444131; 439294, 2444142; 439271, 2444038; 439086, 2443981; 439074,

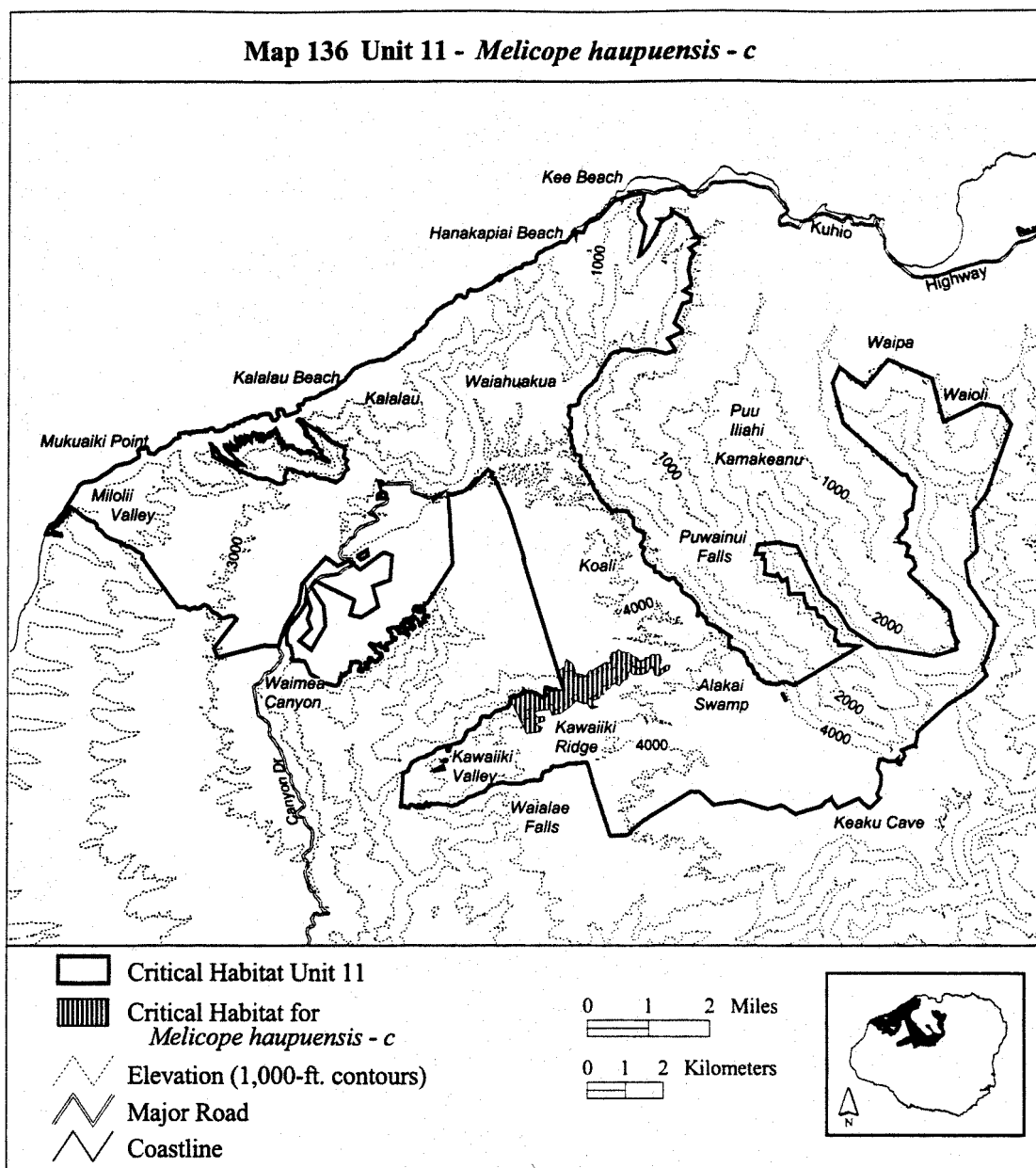
2443935; 439109, 2443831; 439224, 2443831; 439109, 2443762; 439040, 2443762; 438924, 2443912; 438855, 2443877; 438659, 2443969; 438486, 2443808; 438255, 2443635; 438001, 2443600; 437978, 2443727; 437863, 2443727; 437678, 2443716; 437551, 2443670; 437632, 2443531; 437805, 2443543; 437817, 2443450; 437551, 2443358; 437759, 2443266; 437701, 2443150; 437332, 2443104; 436908, 2444000; 436908, 2444013; 436911, 2444027; 436918, 2444040; 436926, 2444047; 436933, 2444055; 436942, 2444065; 436951, 2444073; 436961, 2444084; 436969, 2444094; 436975, 2444098; 436983, 2444102; 436994, 2444107; 437009, 2444108; 437026, 2444105; 437049, 2444100; 437067,

2444092; 437076, 2444089; 437106,  
2444090; 437119, 2444096; 437128,  
2444104; 437133, 2444112; 437137,  
2444122; 437144, 2444130; 437156,  
2444135; 437169, 2444141; 437183,  
2444150; 437191, 2444154; 437202,  
2444165; 437212, 2444177; 437228,  
2444198; 437239, 2444213; 437245,  
2444227; 437254, 2444239; 437263,  
2444246; 437278, 2444240; 437294,  
2444234; 437310, 2444225; 437332,  
2444217; 437351, 2444217; 437370,  
2444223; 437391, 2444223; 437412,  
2444226; 437428, 2444226; 437445,

2444223; 437462, 2444219; 437482,  
2444211; 437497, 2444205; 437541,  
2444190; 437563, 2444183; 437578,  
2444179; 437593, 2444170; 437610,  
2444160; 437624, 2444146; 437636,  
2444132; 437651, 2444119; 437671,  
2444112; 437691, 2444102; 437703,  
2444093; 437722, 2444082; 437732,  
2444069; 437749, 2444061; 437758,  
2444058; 437768, 2444060; 437780,  
2444066; 437810, 2444080; 437821,  
2444088; 437831, 2444100; 437833,  
2444111; 437835, 2444126; 437833,  
2444139; 437827, 2444163; 437822,

2444185; 437820, 2444206; 437818,  
2444236; 437824, 2444265; 437828,  
2444292; 437836, 2444314; 437843,  
2444322; 437854, 2444327; 437871,  
2444328; 437887, 2444323; 437909,  
2444314; 437933, 2444302; 437960,  
2444289; 437984, 2444274; 438007,  
2444260; 438028, 2444258; 438048,  
2444258; 438072, 2444260; 438087,  
2444266; 438109, 2444271; 438133,  
2444273; 438164, 2444270; 438196,  
2444263; 438335, 2444214; return to  
starting point.

(B) Note: Map 136 follows:



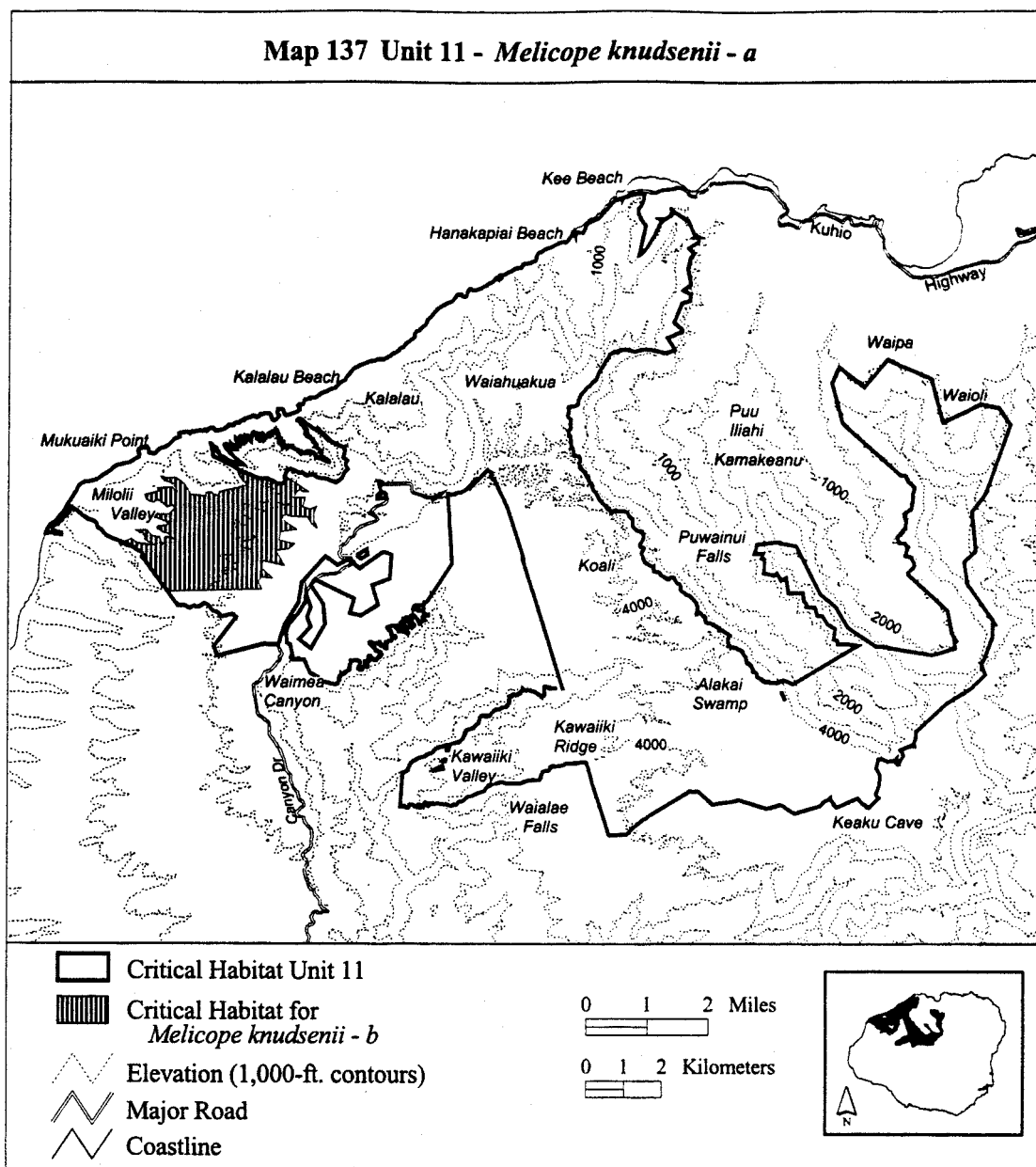
(cxxxvii) Kauai 11—*Melicope knudsenii*—a (966 ha; 2,388 ac)

(A) Unit consists of the following 146 boundary points: Start at 431708, 2448615; 431773, 2448514; 431767, 2448519; 431773, 2448510; 431773, 2448476; 431619, 2448589; 431507, 2448763; 431066, 2448773; 430954, 2448845; 430861, 2448773; 430913, 2448650; 431230, 2448425; 430810, 2448364; 430759, 2448149; 431199, 2448046; 431036, 2447923; 430687, 2447883; 430923, 2447483; 430339, 2447606; 430319, 2447401; 430605, 2447145; 430308, 2447176; 430237, 2447043; 430329, 2446859; 427820, 2446794; 427748, 2446893; 427778, 2446910; 427739, 2446905; 427185, 2447661; 427161, 2447669; 427157, 2447676; 427157, 2447711; 427175, 2447754; 427176, 2447775; 427171, 2447800; 427160, 2447815; 427124, 2447837; 427084, 2447847; 427039, 2447867; 426997, 2447892; 426981, 2447902; 426958, 2447923; 426944, 2447941; 426907, 2447965; 426847,

2447992; 426819, 2447998; 426798, 2448010; 426758, 2448005; 426737, 2448009; 426722, 2448015; 426635, 2448077; 426856, 2448180; 427000, 2448088; 427461, 2448016; 427235, 2448159; 427184, 2448333; 427000, 2448395; 427287, 2448415; 427389, 2448282; 427604, 2448221; 427686, 2448036; 427778, 2448067; 427737, 2448159; 427788, 2448241; 427963, 2448180; 427829, 2448333; 427707, 2448354; 427543, 2448487; 427881, 2448569; 427748, 2448661; 427512, 2448743; 427287, 2448774; 427287, 2448815; 427870, 2448845; 428045, 2449030; 427942, 2449081; 427809, 2449019; 427604, 2449193; 427502, 2449193; 427471, 2449152; 427276, 2449183; 427215, 2449347; 427635, 2449459; 427553, 2449521; 427932, 2449552; 428065, 2449429; 427993, 2449644; 427727, 2449726; 427635, 2449838; 427819, 2449787; 428014, 2449818; 428270, 2449644; 428424, 2449357; 428823, 2449316; 428833, 2449398; 428966, 2449439; 429038, 2449357; 429171, 2449326; 429182,

2449429; 429940, 2449613; 429735, 2449817; 429642, 2450043; 429648, 2450043; 429717, 2449996; 429751, 2449978; 429791, 2449963; 429830, 2449956; 429860, 2449947; 429944, 2449910; 429968, 2449904; 430016, 2449884; 430068, 2449856; 430172, 2449815; 430207, 2449804; 430261, 2449795; 430317, 2449781; 430340, 2449778; 430365, 2449787; 430392, 2449798; 430408, 2449802; 430410, 2449802; 430406, 2449796; 430471, 2449787; 430527, 2449754; 430583, 2449736; 430635, 2449693; 430696, 2449656; 430720, 2449646; 430819, 2449646; 430899, 2449674; 430918, 2449717; 430904, 2449834; 430913, 2449863; 431548, 2449428; 431415, 2449428; 431292, 2449490; 431138, 2449285; 431445, 2449275; 431384, 2449039; 431589, 2448957; 431763, 2449039; 431681, 2448855; 431681, 2448656; 431678, 2448658; 431680, 2448656; 431681, 2448656; return to starting point.

(B) **Note:** Map 137 follows:



(cxxxviii) Kauai 11—*Melicope knudsenii*—b (374 ha; 922 ac)

(A) Unit consists of the following 305 boundary points: Start at 435336, 2442801; 435344, 2442802; 435367, 2442807; 435391, 2442814; 435415, 2442819; 435435, 2442826; 435454, 2442831; 435476, 2442838; 435496, 2442844; 435516, 2442850; 435530, 2442853; 435534, 2442855; 435543, 2442858; 435556, 2442862; 435571, 2442867; 435585, 2442876; 435598, 2442885; 435608, 2442891; 435619, 2442899; 435627, 2442904; 435642, 2442920; 435658, 2442932; 435668, 2442948; 435673, 2442959; 435681, 2442977; 435688, 2442995; 435693, 2443006; 435698, 2443024; 435704,

2443036; 435708, 2443047; 435715, 2443064; 435722, 2443078; 435725, 2443086; 435729, 2443093; 435735, 2443103; 435738, 2443112; 435743, 2443127; 435749, 2443138; 435753, 2443149; 435757, 2443155; 435766, 2443169; 435778, 2443179; 435790, 2443186; 435804, 2443188; 435821, 2443194; 435842, 2443199; 435861, 2443202; 435874, 2443204; 435889, 2443208; 435904, 2443211; 435933, 2443223; 435942, 2443232; 435949, 2443246; 435958, 2443255; 435969, 2443263; 435979, 2443271; 435993, 2443281; 436010, 2443297; 436032, 2443316; 436048, 2443332; 436064, 2443343; 436080, 2443358; 436089, 2443375; 436095, 2443390; 436100,

2443403; 436107, 2443421; 436113, 2443456; 436118, 2443477; 436123, 2443502; 436134, 2443520; 436146, 2443534; 436160, 2443543; 436175, 2443554; 436190, 2443560; 436213, 2443563; 436227, 2443563; 436240, 2443562; 436254, 2443557; 436265, 2443552; 436274, 2443547; 436287, 2443540; 436300, 2443537; 436315, 2443532; 436328, 2443529; 436337, 2443528; 436348, 2443531; 436357, 2443536; 436369, 2443546; 436380, 2443558; 436392, 2443572; 436403, 2443585; 436421, 2443611; 436438, 2443631; 436460, 2443655; 436478, 2443676; 436497, 2443688; 436518, 2443696; 436534, 2443700; 436558, 2443707; 436576, 2443711; 436597,

2443714; 436611, 2443716; 436630, 2443718; 436644, 2443720; 436655, 2443724; 436666, 2443731; 436678, 2443742; 436697, 2443756; 436708, 2443763; 436726, 2443769; 436745, 2443772; 436758, 2443775; 436771, 2443776; 436788, 2443776; 436799, 2443778; 436808, 2443781; 436818, 2443785; 436823, 2443786; 436829, 2443790; 436837, 2443797; 436841, 2443801; 436845, 2443807; 436852, 2443819; 436861, 2443831; 436870, 2443847; 436882, 2443863; 436890, 2443877; 436900, 2443900; 436911, 2443923; 436914, 2443936; 436914, 2443948; 436913, 2443962; 436910, 2443981; 436908, 2443994; 436945, 2444067; 436951, 2444073; 436961, 2444084; 436969, 2444094; 436975, 2444098; 436983, 2444102; 436994, 2444107; 437009, 2444108; 437026, 2444105; 437049, 2444100; 437067, 2444092; 437076, 2444089; 437106, 2444090; 437118, 2444096; 437169, 2444079; 437282, 2444210; 437602, 2444165; 437610, 2444160; 437624, 2444146; 437636, 2444132; 437651, 2444119; 437671, 2444112; 437691, 2444102; 437703, 2444093; 437722, 2444082; 437732, 2444069; 437749, 2444061; 437758, 2444058; 437768, 2444060; 437780, 2444066; 437810, 2444080; 437821, 2444088; 437831, 2444100; 437833, 2444111; 437835, 2444126; 437833, 2444139; 437827, 2444163; 437822, 2444185; 437820, 2444206; 437818, 2444236; 437824, 2444265; 437828, 2444292; 437836,

2444314; 437843, 2444322; 437854, 2444327; 437871, 2444328; 437887, 2444323; 437909, 2444314; 437933, 2444302; 437960, 2444289; 437984, 2444274; 438007, 2444260; 438028, 2444258; 438048, 2444258; 438072, 2444260; 438087, 2444266; 438109, 2444271; 438133, 2444273; 438164, 2444270; 438196, 2444263; 438335, 2444214; 438237, 2444518; 438277, 2444604; 438343, 2444567; 438362, 2444642; 438465, 2444708; 438550, 2444576; 438803, 2444586; 438897, 2444426; 439001, 2444463; 439038, 2444614; 439282, 2444689; 439733, 2444745; 439696, 2444914; 439789, 2444951; 439818, 2444801; 439799, 2444707; 439423, 2444538; 439433, 2444482; 439226, 2444407; 439273, 2444294; 439104, 2444248; 439066, 2444135; 439019, 2444210; 439010, 2444003; 438878, 2443975; 438832, 2444088; 438747, 2444060; 438719, 2444201; 438597, 2444201; 438493, 2444097; 438503, 2444013; 438362, 2443929; 438277, 2443947; 438174, 2443797; 438080, 2443797; 438052, 2443929; 437695, 2443844; 437348, 2443788; 437319, 2443656; 437357, 2443572; 437263, 2443516; 437188, 2443328; 436916, 2443356; 436549, 2443281; 436634, 2442999; 436277, 2442859; 436221, 2442755; 436709, 2442793; 436991, 2442586; 436944, 2442549; 436690, 2442502; 437019, 2442304; 436981, 2442154; 437188, 2442088; 436981, 2442032; 436981, 2441966; 436812, 2441995; 436746,

2442117; 436681, 2441995; 436624, 2442051; 436390, 2442070; 436380, 2441957; 436211, 2441957; 436098, 2442042; 435864, 2441929; 435619, 2441938; 435798, 2441769; 435723, 2441685; 435178, 2441863; 435122, 2441882; 434877, 2441920; 434784, 2442061; 434661, 2442239; 434702, 2442503; 434713, 2442515; 434725, 2442524; 434735, 2442532; 434755, 2442542; 434775, 2442551; 434800, 2442556; 434822, 2442562; 434842, 2442574; 434862, 2442596; 434883, 2442613; 434896, 2442626; 434916, 2442647; 434934, 2442668; 434949, 2442681; 434972, 2442699; 434986, 2442705; 434997, 2442708; 435006, 2442713; 435012, 2442717; 435026, 2442719; 435039, 2442722; 435061, 2442727; 435081, 2442733; 435100, 2442739; 435119, 2442747; 435135, 2442754; 435150, 2442764; 435164, 2442771; 435184, 2442774; 435201, 2442777; 435219, 2442778; 435237, 2442782; 435251, 2442783; 435228, 2442762; 435237, 2442643; 435284, 2442631; return to starting point.

(B) Excluding 2 areas:

(1) Bounded by the following 3 points (1 ha, 3 ac): Start at 435132, 2442248; 435160, 2442164; 434848, 2442098; return to starting point; and

(2) Bounded by the following 4 points (0 ha, 1 ac): Start at 435151, 2442425; 435215, 2442393; 435195, 2442353; 435128, 2442379; return to starting point.

(C) **Note:** Map 138 follows:

**Map 138 Unit 11 - *Melicope knudsenii* - b**

The map displays the following features and labels:

- Coastline:** Indicated by a solid line.
- Major Road:** Indicated by a line with cross-ticks.
- Elevation (1,000-ft. contours):** Indicated by dashed lines.
- Critical Habitat Unit 11:** Shaded with diagonal lines.
- Critical Habitat for *Melicope knudsenii* - b:** Shaded with horizontal lines.

**Geographical Labels:** Kee Beach, Hanakapi'ai Beach, Kalalau Beach, Mukuiaiki Point, Miloli'i Valley, Waimea Canyon, Waialeale Falls, Kawaiiki Ridge, Waialeale, Alakai Swamp, Puu Iliahi, Kamakee, Puu Iliahi, Waipa, Waioli, Keaku Cave, Kooli, Kalalau, Weiahuakua, Kuhio, Highway.

**Legend:**

- Critical Habitat Unit 11
- Critical Habitat for *Melicope knudsenii* - b
- Elevation (1,000-ft. contours)
- Major Road
- Coastline

**Scale:**

- 0 1 2 Miles
- 0 1 2 Kilometers

**Inset Map:** Shows the location of the study area within the state of Hawaii.

(A) Unit consists of the following 124 boundary points: Start at 438204, 2444622; 438280, 2444652; 438296, 2444737; 438496, 2444768; 438565, 2444637; 438888, 2444575; 438934, 2444498; 438996, 2444683; 439180, 2444675; 439288, 2444760; 439465, 2444837; 439527, 2444829; 439673, 2444821; 439696, 2445067; 440050, 2445044; 440219, 2444944; 440280, 2444844; 440419, 2444844; 440265, 2444783; 440142, 2444906; 439957, 2444952; 439834, 2444913; 439896, 2444760; 439850, 2444644; 439780, 2444637; 439773, 2444483; 439665, 2444560; 439488, 2444521; 439504, 2444445; 439457, 2444368; 439319,

2444360; 439334, 2444283; 439319,  
2444199; 439211, 2444214; 439150,  
2444076; 439050, 2444122; 439011.  
2443953; 438765, 2444014; 438696,  
2444099; 438596, 2444129; 438490,  
2443945; 438296, 2443883; 438296,  
2443791; 438080, 2443699; 438011,  
2443868; 437404, 2443753; 437365,  
2443676; 437457, 2443530; 437342,  
2443476; 437133, 2444113; 437137,  
2444122; 437144, 2444130; 437156,  
2444135; 437169, 2444141; 437183,  
2444150; 437191, 2444154; 437202,  
2444165; 437212, 2444177; 437228,  
2444198; 437239, 2444213; 437245,  
2444227; 437254, 2444239; 437263,  
2444246; 437278, 2444240; 437294,  
2444234; 437310, 2444225; 437332,  
2444217; 437351, 2444217; 437370.

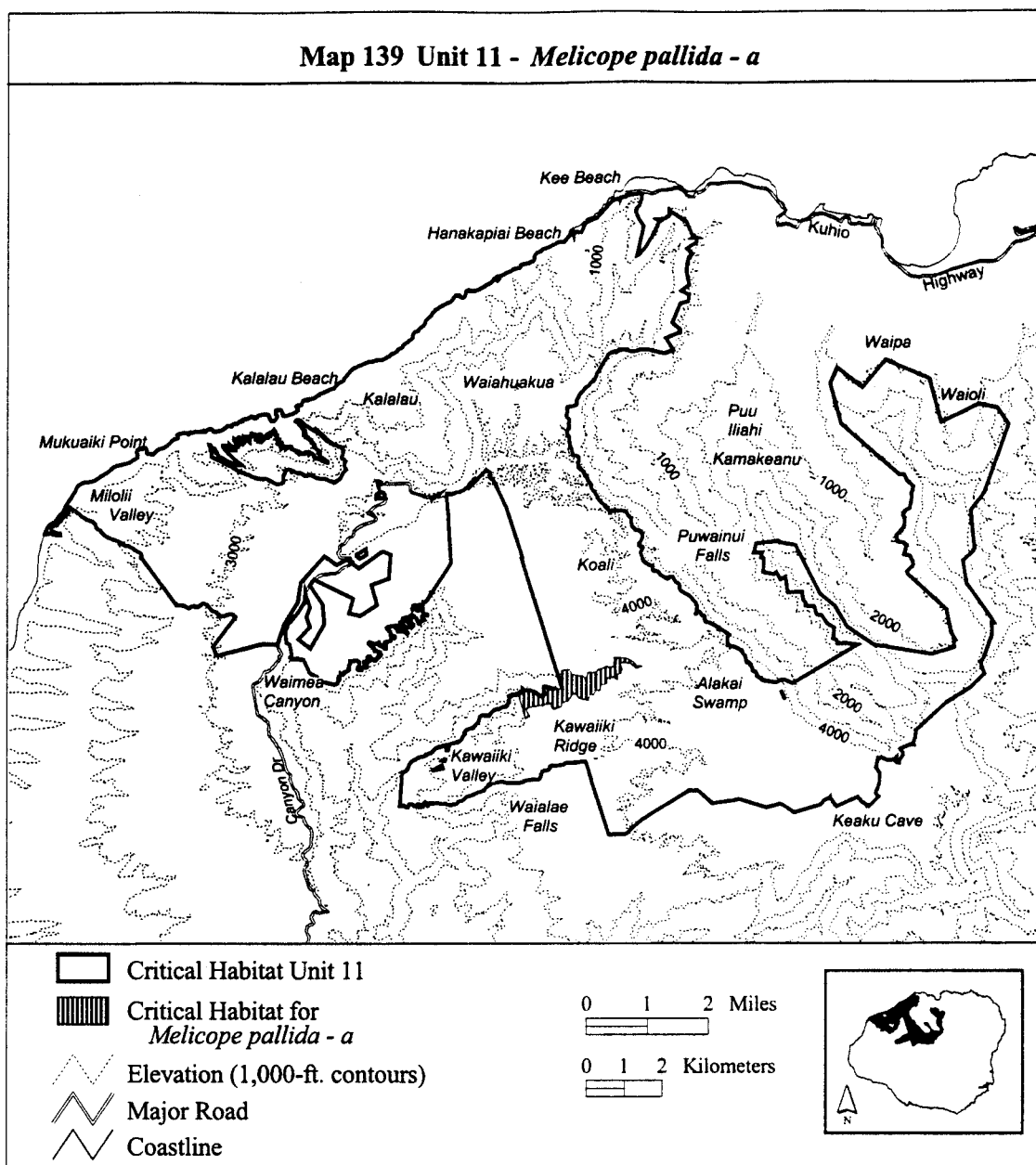
2444223; 437391, 2444223; 437412,  
2444226; 437428, 2444226; 437445,  
2444223; 437462, 2444219; 437482,  
2444211; 437497, 2444205; 437541,  
2444190; 437563, 2444183; 437578,  
2444179; 437593, 2444170; 437610,  
2444160; 437624, 2444146; 437636,  
2444132; 437651, 2444119; 437671,  
2444112; 437691, 2444102; 437703,  
2444093; 437722, 2444082; 437732,  
2444069; 437749, 2444061; 437758,  
2444058; 437768, 2444060; 437780,  
2444066; 437810, 2444080; 437821,  
2444088; 437831, 2444100; 437833,  
2444111; 437835, 2444126; 437833,  
2444139; 437827, 2444163; 437822,  
2444185; 437820, 2444206; 437818,  
2444236; 437824, 2444265; 437828,  
2444292; 437836, 2444314; 437843,

2444322; 437854, 2444327; 437871,  
2444328; 437887, 2444323; 437909,  
2444314; 437933, 2444302; 437960,  
2444289; 437984, 2444274; 438007,

2444260; 438028, 2444258; 438048,  
2444258; 438072, 2444260; 438087,  
2444266; 438109, 2444271; 438133,  
2444273; 438164, 2444270; 438196,

2444263; 438335, 2444214; return to  
starting point.

(B) Note: Map 139 follows:



(cxl) Kauai 11—*Melicope pallida*—b  
(310 ha; 765 ac)

(A) Unit consists of the following 47  
boundary points: Start at 433925,  
2450539; 433966, 2450539; 434164,  
2450698; 434310, 2450565; 434385,  
2450461; 434654, 2450605; 434760,  
2450393; 435051, 2450327; 435117,  
2450433; 435011, 2450592; 435131,

2450697; 434998, 2450816; 435131,  
2451147; 435011, 2451359; 435131,  
2451610; 435063, 2451636; 434945,  
2451623; 435064, 2451901; 434850,  
2452083; 434786, 2452232; 434648,  
2452469; 434310, 2452642; 434932,  
2452999; 435038, 2452813; 435170,  
2452999; 435117, 2453223; 435236,  
2453223; 435183, 2453329; 435475,  
2453355; 435607, 2452840; 435316,

2452470; 435104, 2452390; 435316,  
2452086; 435541, 2451835; 435660,  
2451544; 435806, 2451279; 435898,  
2450975; 435912, 2450671; 435845,  
2450287; 435740, 2449890; 435316,  
2449626; 434786, 2449653; 434588,  
2449785; 434217, 2450036; 434486,  
2450322; 434391, 2450299; 434111,  
2450143; return to starting point.

(B) Note: Map 140 follows:





2450903; 431509, 2450895; 431530, 2450888; 431555, 2450880; 431580, 2450878; 431577, 2450867; 431580, 2450848; 431591, 2450839; 431606, 2450830; 431626, 2450824; 431655, 2450815; 431653, 2450800; 431650, 2450792; 431645, 2450777; 431653, 2450764; 431671, 2450767; 431665, 2450749; 431661, 2450738; 431675, 2450731; 431689, 2450726; 431698, 2450722; 431699, 2450717; 431702, 2450701; 431710, 2450693; 431720, 2450686; 431733, 2450677; 431733, 2450656; 431729, 2450645; 431735, 2450642; 431736, 2450636; 431739, 2450626; 431752, 2450619; 431763, 2450615; 431769, 2450597; 431786, 2450573; 431798, 2450561; 431822, 2450550; 431829, 2450545; 431845, 2450528; 431860, 2450521; 431873, 2450519; 431885, 2450510; 431899, 2450498; 431900, 2450492; 431891, 2450486; 431874, 2450483; 431852, 2450481; 431839, 2450475; 431835, 2450472; 431841, 2450451; 431856, 2450433; 431874, 2450409; 431900, 2450378; 431933, 2450350; 431949, 2450336; 431983, 2450316; 432009, 2450298; 432026, 2450277; 432049, 2450261; 432065, 2450255; 432065, 2450248; 432065, 2450233; 432072, 2450223; 432081, 2450211; 432076, 2450207; 432058, 2450218; 432042, 2450225; 432024, 2450234; 432006, 2450246; 431989, 2450255; 431968, 2450265; 431949, 2450270; 431917, 2450271; 431900, 2450287; 431882, 2450301; 431864, 2450315; 431840, 2450325; 431808, 2450327; 431770, 2450328; 431762, 2450341; 431752, 2450353; 431730, 2450369; 431726, 2450392; 431720, 2450403; 431709, 2450416; 431692, 2450418; 431691, 2450429; 431687, 2450439; 431677, 2450453; 431664, 2450465; 431652, 2450468; 431635, 2450468; 431615, 2450468; 431608, 2450462; 431598, 2450460; 431597, 2450472; 431596, 2450476; 431591, 2450488; 431585, 2450499; 431576, 2450494; 431566, 2450502; 431549, 2450505; 431537, 2450505; 431516, 2450496; 431511, 2450486; 431505, 2450470; 431499, 2450454; 431488, 2450449; 431479, 2450454; 431467, 2450462; 431459, 2450467; 431443, 2450470; 431425, 2450469; 431409, 2450466; 431404, 2450459; 431392, 2450462; 431381, 2450464; 431372, 2450459; 431358, 2450458; 431339, 2450460; 431334, 2450462; 431330, 2450466; 431328, 2450478; 431323, 2450490; 431313, 2450497; 431303, 2450494; 431299, 2450488; 431292, 2450476; 431283, 2450480; 431281, 2450486; 431278, 2450497; 431272, 2450502; 431263, 2450505; 431263, 2450516; 431258, 2450530; 431249, 2450545; 431236,

2450549; 431227, 2450551; 431213, 2450554; 431196, 2450558; 431191, 2450563; 431179, 2450576; 431171, 2450582; 431158, 2450585; 431136, 2450584; 431126, 2450573; 431121, 2450586; 431132, 2450596; 431132, 2450623; 431128, 2450641; 431112, 2450648; 431084, 2450652; 431076, 2450639; 431065, 2450624; 431055, 2450628; 431045, 2450645; 431044, 2450656; 431030, 2450661; 431019, 2450646; 431008, 2450631; 430998, 2450615; 430991, 2450601; 430983, 2450597; 430978, 2450604; 430969, 2450622; 430960, 2450622; 430950, 2450609; 430946, 2450604; 430939, 2450609; 430936, 2450617; 430933, 2450631; 430930, 2450644; 430926, 2450657; 430918, 2450664; 430904, 2450664; 430898, 2450659; 430896, 2450648; 430901, 2450638; 430911, 2450630; 430909, 2450620; 430897, 2450617; 430887, 2450619; 430874, 2450620; 430871, 2450614; 430867, 2450602; 430860, 2450586; 430854, 2450591; 430851, 2450600; 430852, 2450614; 430852, 2450631; 430843, 2450645; 430853, 2450656; 430857, 2450667; 430863, 2450680; 430865, 2450697; 430856, 2450711; 430838, 2450715; 430828, 2450715; 430840, 2450723; 430852, 2450728; 430864, 2450742; 430864, 2450756; 430851, 2450759; 430839, 2450752; 430832, 2450747; 430819, 2450748; 430806, 2450738; 430791, 2450737; 430800, 2450754; 430803, 2450759; 430806, 2450776; 430805, 2450791; 430807, 2450800; 430811, 2450812; 430813, 2450819; 430811, 2450834; 430803, 2450837; 430787, 2450832; 430777, 2450824; 430764, 2450815; 430744, 2450805; 430746, 2450813; 430749, 2450824; 430754, 2450841; 430757, 2450850; 430757, 2450862; 430750, 2450872; 430741, 2450873; 430718, 2450870; 430730, 2450885; 430735, 2450896; 430743, 2450916; 430747, 2450940; 430748, 2450959; 430737, 2450969; 430723, 2450972; 430712, 2450965; 430705, 2450955; 430694, 2450953; 430694, 2450967; 430697, 2450980; 430703, 2450995; 430704, 2451010; 430706, 2451037; 430692, 2451040; 430682, 2451033; 430675, 2451043; 430673, 2451050; 430677, 2451062; 430666, 2451065; 430658, 2451067; 430649, 2451073; 430636, 2451076; 430631, 2451072; 430626, 2451059; 430626, 2451041; 430622, 2451022; 430623, 2451005; 430620, 2451000; 430611, 2451001; 430605, 2451008; 430598, 2451020; 430588, 2451025; 430581, 2451020; 430574, 2451012; 430572, 2451002; 430569, 2450983; 430570, 2450961; 430550, 2450974; 430535, 2450983; 430523, 2450988; 430518, 2450991; 430503,

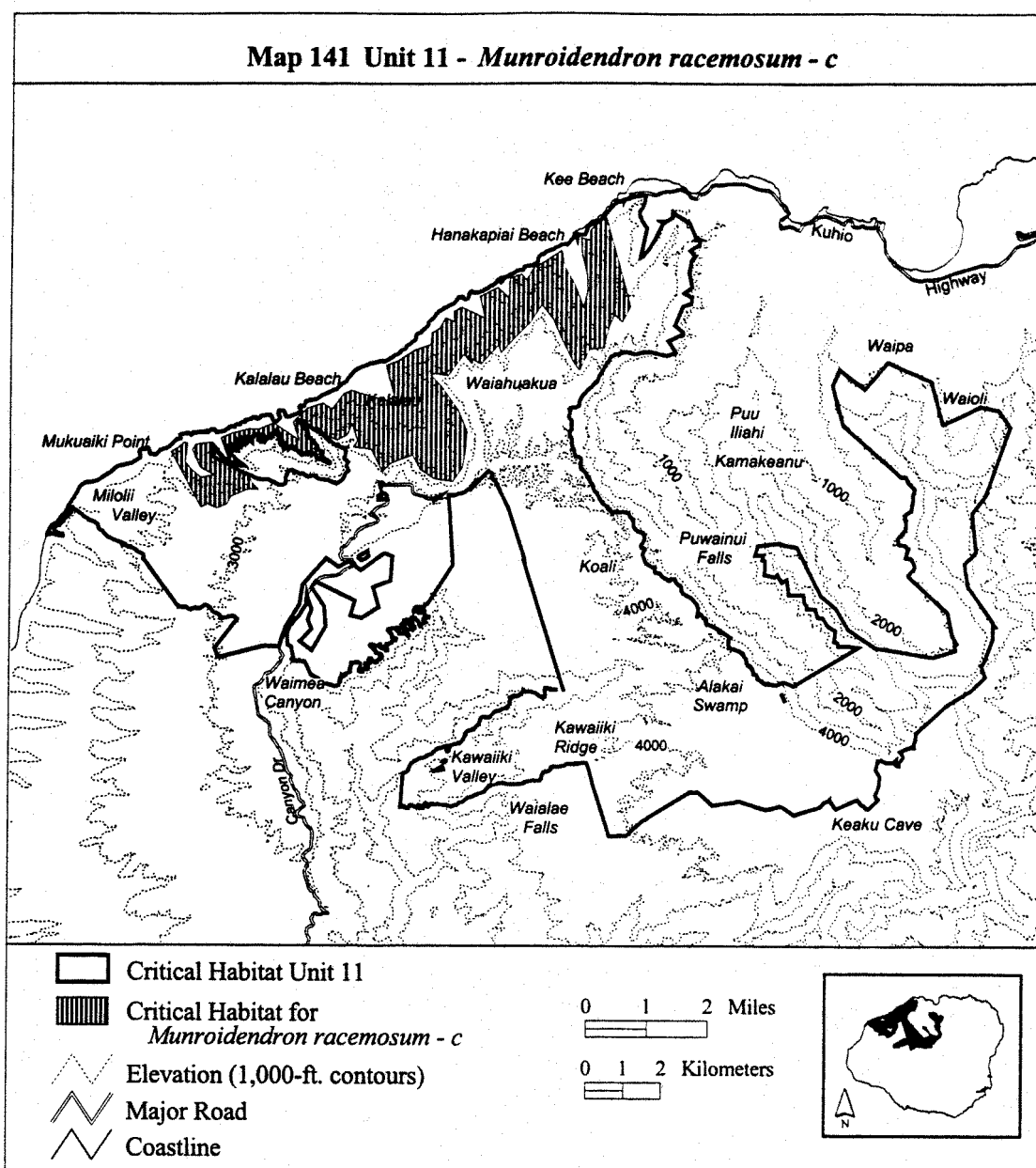
2450993; 430491, 2450990; 430485, 2450984; 430482, 2450977; 430485, 2450962; 430490, 2450949; 430500, 2450934; 430502, 2450920; 430503, 2450902; 430495, 2450892; 430483, 2450890; 430474, 2450882; 430466, 2450887; 430449, 2450901; 430433, 2450901; 430426, 2450896; 430422, 2450890; 430416, 2450880; 430407, 2450876; 430398, 2450872; 430393, 2450868; 430390, 2450853; 430391, 2450836; 430385, 2450826; 430380, 2450816; 430372, 2450803; 430368, 2450818; 430364, 2450833; 430362, 2450842; 430355, 2450855; 430348, 2450863; 430335, 2450873; 430331, 2450883; 430328, 2450897; 430326, 2450922; 430319, 2450953; 430305, 2450972; 430295, 2450980; 430285, 2450982; 430281, 2450979; 430276, 2450975; 430272, 2450958; 430273, 2450938; 430261, 2450933; 430250, 2450924; 430246, 2450905; 430251, 2450875; 430256, 2450842; 430268, 2450786; 430261, 2450779; 430252, 2450779; 430249, 2450795; 430246, 2450807; 430242, 2450821; 430234, 2450838; 430217, 2450857; 430209, 2450860; 430204, 2450855; 430197, 2450844; 430193, 2450832; 430172, 2450844; 430173, 2450865; 430175, 2450880; 430183, 2450896; 430192, 2450910; 430197, 2450925; 430197, 2450937; 430194, 2450949; 430187, 2450962; 430177, 2450971; 430166, 2450974; 430154, 2450976; 430132, 2450976; 430116, 2450985; 430107, 2450980; 430091, 2450975; 430078, 2450990; 430069, 2450993; 430061, 2450978; 430054, 2450938; 430051, 2450920; 430030, 2450915; 430016, 2450914; 430010, 2450909; 430009, 2450885; 430018, 2450854; 430024, 2450828; 430018, 2450825; 430011, 2450820; 430009, 2450808; 430013, 2450787; 430022, 2450756; 430002, 2450778; 429994, 2450795; 429984, 2450820; 429965, 2450849; 429939, 2450888; 429927, 2450906; 429914, 2450914; 429910, 2450911; 429907, 2450899; 429909, 2450889; 429915, 2450875; 429923, 2450865; 429926, 2450848; 429926, 2450827; 429923, 2450820; 429918, 2450819; 429909, 2450824; 429905, 2450835; 429897, 2450849; 429889, 2450860; 429879, 2450871; 429869, 2450875; 429863, 2450868; 429863, 2450852; 429861, 2450836; 429866, 2450814; 429870, 2450799; 429879, 2450785; 429885, 2450774; 429883, 2450763; 429879, 2450756; 429874, 2450750; 429875, 2450744; 429873, 2450736; 429866, 2450746; 429861, 2450753; 429854, 2450754; 429848, 2450756; 429843, 2450769; 429841, 2450785; 429827, 2450802; 429816, 2450819; 429797, 2450845; 429773, 2450868; 429738,

2450896; 429724, 2450899; 429720,  
2450887; 429726, 2450875; 429733,  
2450856; 429739, 2450832; 429742,  
2450813; 429746, 2450791; 429752,  
2450769; 429754, 2450756; 429748,  
2450755; 429737, 2450753; 429731,  
2450750; 429731, 2450739; 429734,  
2450732; 429745, 2450721; 429750,  
2450701; 429741, 2450701; 429728,  
2450698; 429722, 2450692; 429718,  
2450681; 429709, 2450676; 429702,  
2450682; 429696, 2450693; 429691,  
2450714; 429680, 2450743; 429664,  
2450781; 429652, 2450802; 429639,  
2450818; 429619, 2450828; 429603,  
2450830; 429601, 2450825; 429604,  
2450812; 429619, 2450793; 429637,  
2450771; 429654, 2450750; 429664,  
2450735; 429667, 2450717; 429663,  
2450706; 429661, 2450673; 429666,  
2450641; 429663, 2450621; 429654,  
2450603; 429645, 2450601; 429634,  
2450610; 429619, 2450622; 429602,  
2450633; 429558, 2450656; 429505,  
2450692; 429490, 2450702; 429483,  
2450698; 429478, 2450692; 429480,  
2450680; 429489, 2450657; 429496,  
2450634; 429503, 2450613; 429524,  
2450599; 429556, 2450569; 429569,  
2450555; 429569, 2450546; 429560,  
2450541; 429535, 2450540; 429510,  
2450541; 429489, 2450546; 429478,  
2450553; 429468, 2450566; 429461,  
2450574; 429450, 2450580; 429440,  
2450580; 429434, 2450588; 429432,  
2450595; 429422, 2450604; 429410,  
2450609; 429389, 2450622; 429387,  
2450629; 429384, 2450638; 429377,  
2450656; 429371, 2450661; 429365,  
2450670; 429363, 2450681; 429359,  
2450689; 429352, 2450687; 429345,  
2450685; 429330, 2450677; 429319,  
2450668; 429311, 2450657; 429310,

2450642; 429317, 2450633; 429334,  
2450615; 429346, 2450600; 429359,  
2450581; 429365, 2450564; 429372,  
2450543; 429389, 2450532; 429400,  
2450531; 429410, 2450517; 429420,  
2450504; 429431, 2450485; 429450,  
2450463; 429462, 2450449; 429482,  
2450434; 429500, 2450421; 429523,  
2450406; 429541, 2450384; 429554,  
2450363; 429577, 2450344; 429599,  
2450324; 429622, 2450305; 429645,  
2450292; 429669, 2450271; 429686,  
2450258; 429712, 2450243; 429745,  
2450217; 429770, 2450202; 429788,  
2450184; 429802, 2450172; 429815,  
2450154; 429808, 2450151; 429791,  
2450150; 429770, 2450151; 429738,  
2450152; 429713, 2450155; 429686,  
2450161; 429656, 2450168; 429622,  
2450179; 429571, 2450198; 429538,  
2450212; 429503, 2450229; 429460,  
2450248; 429433, 2450259; 429404,  
2450268; 429391, 2450277; 429371,  
2450289; 429356, 2450303; 429342,  
2450315; 429321, 2450332; 429294,  
2450343; 429269, 2450357; 429244,  
2450363; 429212, 2450380; 429205,  
2450394; 429200, 2450405; 429193,  
2450416; 429174, 2450426; 429162,  
2450435; 429161, 2450444; 429158,  
2450455; 429152, 2450468; 429143,  
2450481; 429128, 2450496; 429115,  
2450512; 429114, 2450524; 429113,  
2450540; 429110, 2450557; 429103,  
2450577; 429091, 2450594; 429077,  
2450605; 429060, 2450608; 429041,  
2450610; 429026, 2450609; 429013,  
2450623; 429009, 2450638; 429000,  
2450655; 428990, 2450676; 428979,  
2450690; 428972, 2450701; 428962,  
2450707; 428952, 2450706; 428952,  
2450704; 428964, 2450654; 428990,  
2450584; 429000, 2450551; 429015,

2450477; 429016, 2450451; 429013,  
2450421; 429012, 2450380; 429036,  
2450360; 429089, 2450331; 429147,  
2450304; 429258, 2450260; 429576,  
2450092; 429717, 2449996; 429751,  
2449978; 429791, 2449963; 429830,  
2449956; 429860, 2449947; 429888,  
2449935; 430027, 2449699; 430188,  
2449521; 429929, 2449537; 429476,  
2449343; 429363, 2449149; 429104,  
2449036; 428845, 2449149; 428683,  
2449052; 427889, 2450524; 428068,  
2450621; 428213, 2450767; 428310,  
2450751; 428246, 2450265; 428408,  
2450055; 428683, 2449845; 429007,  
2449909; 428650, 2450120; 428440,  
2450557; 428537, 2450718; 428958,  
2450783; 429427, 2450265; 429201,  
2450880; 429492, 2451025; 429946,  
2451122; 430188, 2451106; 430593,  
2451284; 431257, 2450831; 431095,  
2451316; 431484, 2451672; 431888,  
2451818; 432115, 2451640; 432244,  
2451801; 432423, 2452044; 432633,  
2452141; 433604, 2451866; 433766,  
2452011; 433556, 2452804; 433863,  
2452933; 434301, 2453208; 434721,  
2453369; 434754, 2453676; 434964,  
2453790; 435126, 2454064; 435353,  
2453984; 435337, 2454242; 435531,  
2454355; 436162, 2454064; 436017,  
2454630; 436502, 2454873; 436794,  
2454598; 436810, 2455115; 437117,  
2455228; 437263, 2455082; 437441,  
2455390; 437733, 2455567; 438186,  
2455874; 438267, 2455454; 438526,  
2454985; 438769, 2454354; 438882,  
2454807; 438866, 2455244; 438720,  
2455745; 438688, 2456181; 438931,  
2456133; 438931, 2456391; 439352,  
2456747; return to starting point.

(B) Note: Map 141 follows:



(cxlii) Kauai 11—*Munroidendron racemosum*—d (153 ha; 379 ac)

(A) Unit consists of the following 285 boundary points: Start at 435336, 2442801; 435344, 2442802; 435367, 2442807; 435391, 2442814; 435415, 2442819; 435435, 2442826; 435454, 2442831; 435476, 2442838; 435496, 2442844; 435516, 2442850; 435530, 2442853; 435534, 2442855; 435543, 2442858; 435556, 2442862; 435571, 2442867; 435585, 2442876; 435598, 2442885; 435608, 2442891; 435619, 2442899; 435627, 2442904; 435642, 2442920; 435658, 2442932; 435668, 2442948; 435673, 2442959; 435681, 2442977; 435688, 2442995; 435693, 2443006; 435698, 2443024; 435704,

2443036; 435708, 2443047; 435715, 2443064; 435722, 2443078; 435725, 2443086; 435729, 2443093; 435735, 2443103; 435738, 2443112; 435743, 2443127; 435749, 2443138; 435753, 2443149; 435757, 2443155; 435766, 2443169; 435778, 2443179; 435790, 2443186; 435804, 2443188; 435821, 2443194; 435842, 2443199; 435861, 2443202; 435874, 2443204; 435889, 2443208; 435904, 2443211; 435933, 2443223; 435942, 2443232; 435949, 2443246; 435958, 2443255; 435969, 2443263; 435979, 2443271; 435993, 2443281; 436010, 2443297; 436032, 2443316; 436048, 2443332; 436064, 2443343; 436080, 2443358; 436089, 2443375; 436095, 2443390; 436100,

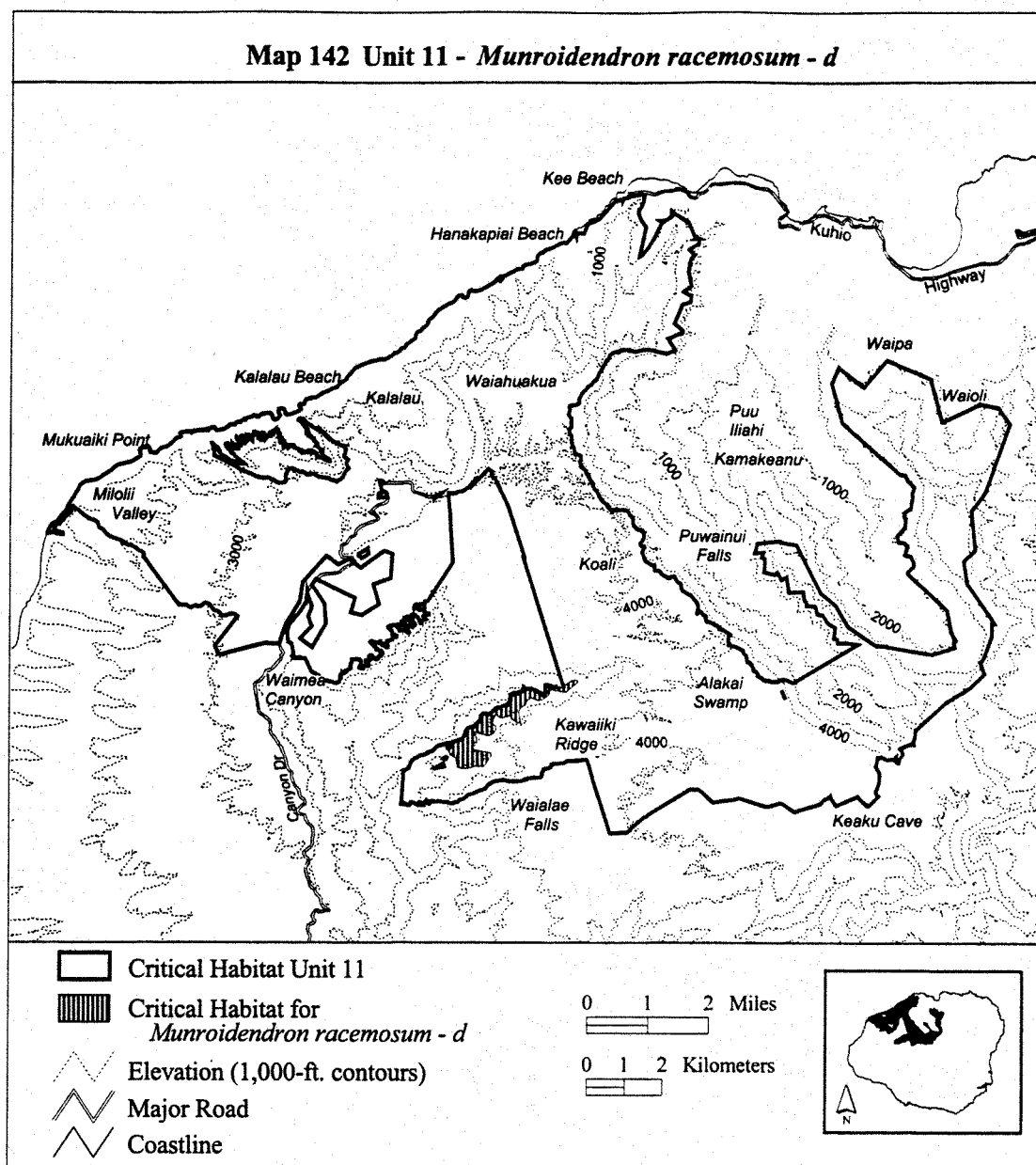
2443403; 436107, 2443421; 436113, 2443456; 436118, 2443477; 436123, 2443502; 436134, 2443520; 436146, 2443534; 436160, 2443543; 436175, 2443554; 436190, 2443560; 436213, 2443563; 436227, 2443563; 436240, 2443562; 436254, 2443557; 436265, 2443552; 436274, 2443547; 436287, 2443540; 436300, 2443537; 436315, 2443532; 436328, 2443529; 436337, 2443528; 436348, 2443531; 436357, 2443536; 436369, 2443546; 436380, 2443558; 436392, 2443572; 436403, 2443585; 436421, 2443611; 436438, 2443631; 436460, 2443655; 436478, 2443676; 436497, 2443688; 436518, 2443696; 436534, 2443700; 436558, 2443707; 436576, 2443711; 436597,

2443714; 436611, 2443716; 436630,  
2443718; 436644, 2443720; 436655,  
2443724; 436666, 2443731; 436678,  
2443742; 436697, 2443756; 436708,  
2443763; 436726, 2443769; 436745,  
2443772; 436758, 2443775; 436771,  
2443776; 436788, 2443776; 436799,  
2443778; 436808, 2443781; 436818,  
2443785; 436823, 2443786; 436829,  
2443790; 436837, 2443797; 436841,  
2443801; 436845, 2443807; 436852,  
2443819; 436861, 2443831; 436870,  
2443847; 436882, 2443863; 436890,  
2443877; 436900, 2443900; 436911,  
2443923; 436914, 2443936; 436914,  
2443948; 436913, 2443962; 436910,  
2443981; 436908, 2443995; 436908,  
2444013; 436911, 2444027; 436918,  
2444040; 436926, 2444047; 436933,  
2444055; 436942, 2444065; 436951,  
2444073; 436961, 2444084; 436969,  
2444094; 436975, 2444098; 436983,  
2444102; 436994, 2444107; 437009,  
2444108; 437026, 2444105; 437049,  
2444100; 437067, 2444092; 437076,  
2444089; 437106, 2444090; 437119,  
2444096; 437128, 2444104; 437133,  
2444112; 437137, 2444122; 437144,  
2444130; 437156, 2444135; 437169,  
2444141; 437183, 2444150; 437191,  
2444154; 437202, 2444165; 437212,  
2444177; 437228, 2444198; 437239,

2444213; 437245, 2444227; 437254,  
2444239; 437263, 2444246; 437278,  
2444240; 437294, 2444234; 437310,  
2444225; 437332, 2444217; 437351,  
2444217; 437370, 2444223; 437391,  
2444223; 437412, 2444226; 437428,  
2444226; 437445, 2444223; 437462,  
2444219; 437482, 2444211; 437497,  
2444205; 437541, 2444190; 437563,  
2444183; 437578, 2444179; 437593,  
2444170; 437610, 2444160; 437624,  
2444146; 437636, 2444132; 437651,  
2444119; 437671, 2444112; 437691,  
2444102; 437703, 2444093; 437722,  
2444082; 437732, 2444069; 437749,  
2444061; 437758, 2444058; 437768,  
2444060; 437780, 2444066; 437810,  
2444080; 437821, 2444088; 437831,  
2444100; 437833, 2444111; 437835,  
2444126; 437833, 2444139; 437827,  
2444163; 437822, 2444185; 437820,  
2444206; 437818, 2444236; 437824,  
2444265; 437828, 2444292; 437836,  
2444314; 437843, 2444322; 437854,  
2444327; 437871, 2444328; 437887,  
2444323; 437909, 2444314; 437933,  
2444302; 437960, 2444289; 437984,  
2444274; 438007, 2444260; 438028,  
2444258; 438048, 2444258; 438072,  
2444260; 438087, 2444266; 438109,  
2444271; 438133, 2444273; 438164,  
2444270; 438196, 2444263; 438335,

2444214; 438303, 2444314; 438357,  
2444311; 438545, 2444430; 438620,  
2444455; 438689, 2444411; 438677,  
2444367; 438369, 2444110; 438043,  
2444185; 437955, 2444185; 437924,  
2444047; 437774, 2443928; 437661,  
2443897; 437460, 2443978; 437341,  
2443897; 437303, 2443797; 437203,  
2443715; 437140, 2443634; 437121,  
2443571; 437184, 2443308; 437096,  
2443314; 436921, 2443427; 436914,  
2443515; 436801, 2443471; 436670,  
2443446; 436507, 2443533; 436469,  
2443421; 436431, 2443295; 436507,  
2443232; 436519, 2443113; 436463,  
2443038; 436312, 2442963; 435955,  
2443082; 435942, 2443026; 436030,  
2442844; 435904, 2442731; 435930,  
2442618; 436099, 2442574; 436369,  
2442530; 436413, 2442455; 436212,  
2442160; 435973, 2442179; 435785,  
2442110; 435641, 2442110; 435509,  
2442141; 435453, 2442361; 435447,  
2442399; 435309, 2442486; 435169,  
2442771; 435184, 2442774; 435201,  
2442777; 435219, 2442778; 435237,  
2442782; 435251, 2442783; 435228,  
2442762; 435237, 2442643; 435284,  
2442631; return to starting point.

(B) **Note:** Map 142 follows:



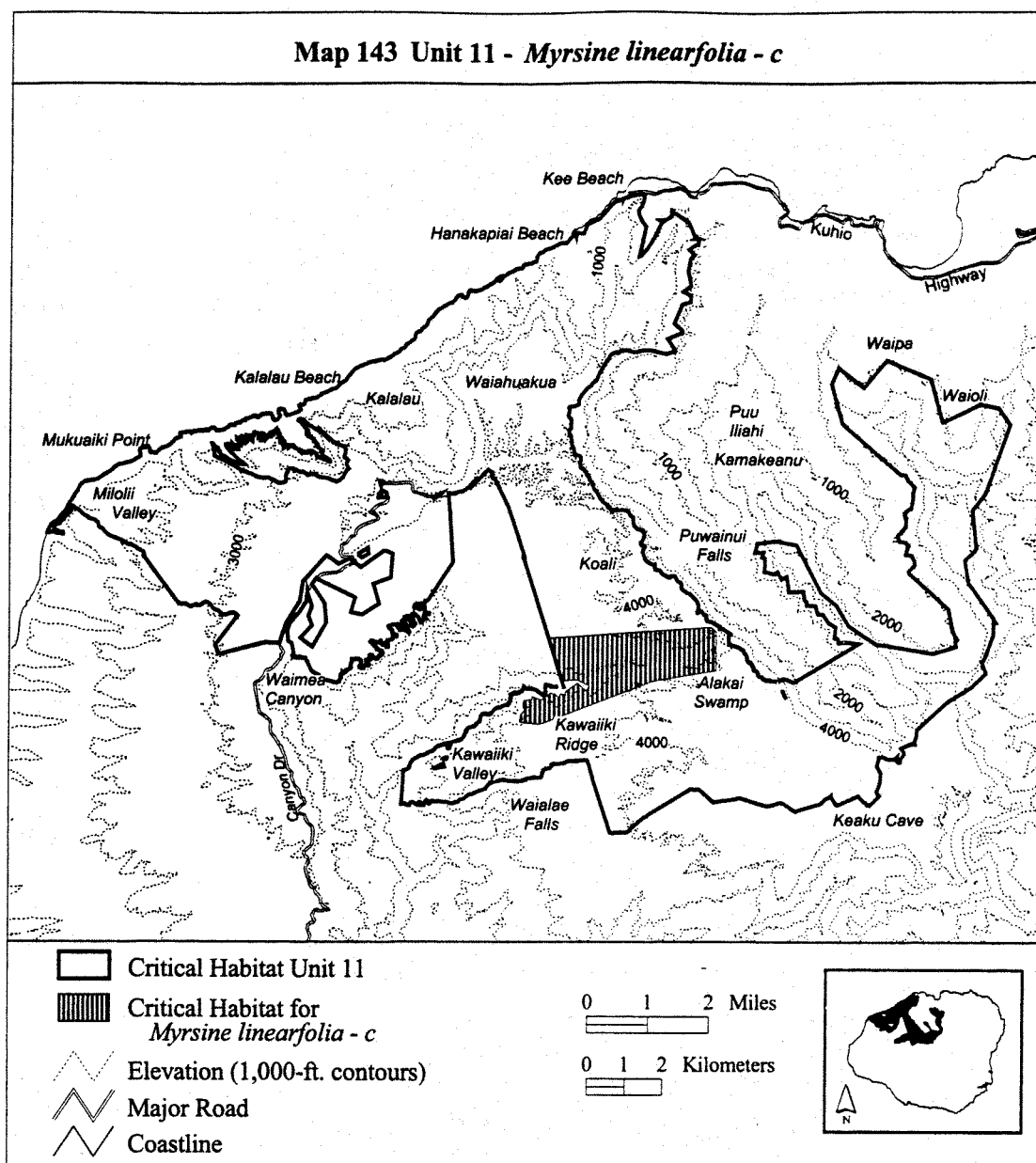
(cxliiii) Kauai 11—*Myrsine linearifolia*—  
c (684 ha; 1,691 ac)

(A) Unit consists of the following 28  
boundary points: Start at 442333,  
2445731; 442333, 2444698; 440696,  
2444413; 437673, 2443278; 437145,

2443341; 437172, 2443520; 437271,  
2443636; 437235, 2443770; 437262,  
2443895; 437467, 2443931; 437476,  
2444011; 437718, 2443913; 437915,  
2444047; 437977, 2444118; 438031,  
2444065; 438076, 2444083; 438174,  
2443957; 438237, 2444083; 438353,

2444038; 438362, 2444127; 438675,  
2444351; 438907, 2444154; 438997,  
2444297; 438675, 2444449; 438344,  
2444431; 438272, 2444411; 437909,  
2445539; 442203, 2445834; return to  
starting point.

(B) **Note:** Map 143 follows:



(cxliv) Kauai 11—*Myrsine linearifolia*—d (286 ha; 707 ac)

(A) Unit consists of the following 63 boundary points: Start at 439347, 2452789; 439324, 2452794; 439098, 2452402; 438924, 2452225; 438478, 2451772; 438422, 2451715; 438396, 2451689; 438313, 2451903; 438586, 2452835; 438813, 2453426; 439200, 2453198; 439382, 2453721; 439337, 2454084; 439541, 2454152; 439654, 2455463; 439655, 2455470; 440286,

2455134; 440577, 2454992; 440294, 2454127; 440499, 2454060; 440485, 2453995; 440492, 2453950; 440484, 2453922; 440461, 2453865; 440450, 2453851; 440432, 2453815; 440421, 2453780; 440412, 2453745; 440410, 2453716; 440404, 2453694; 440384, 2453655; 440378, 2453623; 440380, 2453590; 440370, 2453517; 440363, 2453496; 440355, 2453461; 440350, 2453451; 440333, 2453428; 440315, 2453408; 440288, 2453388; 440275, 2453381; 440244, 2453334; 440223,

2453322; 440199, 2453305; 440147, 2453289; 440119, 2453282; 440093, 2453280; 439987, 2453284; 439962, 2453283; 439924, 2453275; 439905, 2453264; 439787, 2453162; 439724, 2453135; 439639, 2453119; 439600, 2453107; 439553, 2453082; 439503, 2453046; 439481, 2453022; 439473, 2452985; 439464, 2452963; 439414, 2452909; 439390, 2452876; 439355, 2452801; return to starting point.

(B) Note: Map 144 follows:

**Map 144 Unit 11 - *Myrsine linearfolia* - d**

**Legend:**

- Critical Habitat Unit 11
- Critical Habitat for *Myrsine linearfolia* - d
- Elevation (1,000-ft. contours)
- Major Road
- Coastline

**Scale:**

0 1 2 Miles

0 1 2 Kilometers

**Inset Map:**

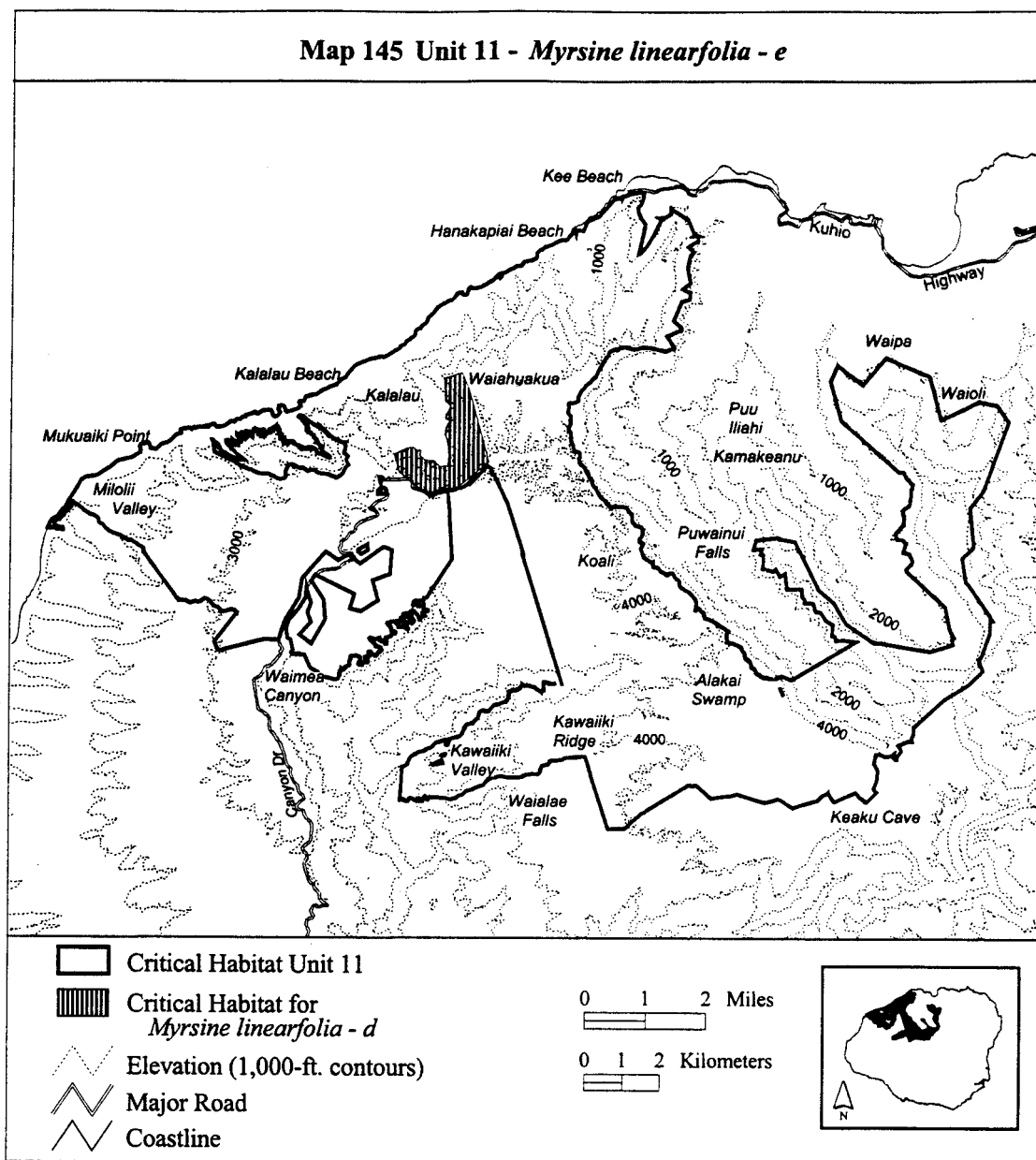
North Arrow

(A) Unit consists of the following 37 boundary points: Start at 435236, 2449351; 435214, 2449343; 434747, 2449168; 434654, 2449245; 433915, 2449865; 433804, 2450325; 434145, 2450488; 434338, 2450503; 434390, 2450429; 434502, 2450436; 434502, 2450273; 434628, 2450169; 434865, 2450147; 435006, 2450006; 435214,

(B) Excluding 1 area bounded by the following 11 points (<1 ha, 1 ac): Start at 434908, 2449290; 434890, 2449251; 434848, 2449239; 434839, 2449258; 434834, 2449277; 434833, 2449281; 434881, 2449297; 435011, 2449352; 435005, 2449310; 434948, 2449300; 434908, 2449290; return to starting point.

(C) **Note:** Map 145 follows:





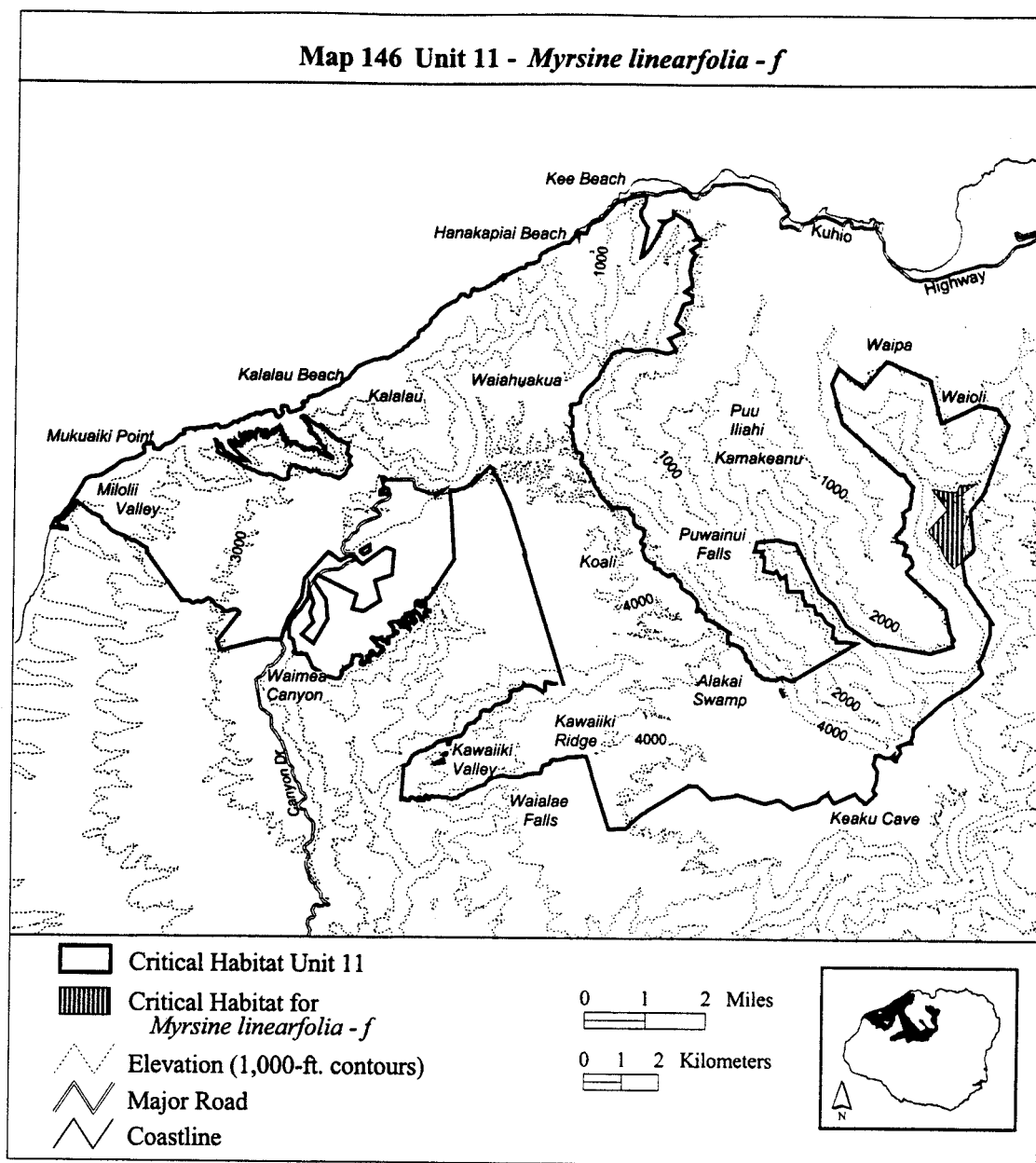
(cxlvii) Kauai 11—*Myrsine linearifolia*—f (135 ha; 334 ac)

(A) Unit consists of the following 30 boundary points: Start at 448856, 2449342; 448879, 2449102; 448899, 2448999; 449002, 2448742; 448894, 2448428; 448894, 2448078; 448920,

2447996; 448961, 2447831; 448961, 2447718; 448964, 2447690; 448881, 2447609; 448665, 2447400; 448662, 2447404; 448498, 2447589; 448384, 2447738; 448322, 2447877; 448286, 2448006; 448147, 2448186; 447988, 2448356; 447981, 2448434; 448470,

2448968; 448049, 2449503; 448160, 2449510; 448320, 2449476; 448515, 2449449; 448732, 2449449; 448783, 2449616; 448980, 2449613; 449250, 2449685; 448853, 2449375; return to starting point.

(B) **Note:** Map 146 follows:



(cxlvi) Kauai 11—*Nothocestrum peltatum*—a (427 ha; 1,056 ac)

(A) Unit consists of the following 418 boundary points: Start at 433577, 2447086; 433840, 2445888; 433837, 2445891; 433826, 2445896; 433791, 2445897; 433775, 2445901; 433758, 2445896; 433730, 2445871; 433708, 2445866; 433689, 2445873; 433675, 2445873; 433653, 2445857; 433650, 2445838; 433656, 2445820; 433690, 2445778; 433718, 2445762; 433735, 2445756; 433750, 2445748; 433756, 2445723; 433755, 2445706; 433759, 2445665; 433764, 2445656; 433781, 2445647; 433824, 2445642; 433851, 2445636; 433868, 2445628; 433879, 2445615; 433881, 2445595; 433867,

2445582; 433854, 2445582; 433827, 2445587; 433805, 2445594; 433787, 2445596; 433772, 2445590; 433763, 2445575; 433770, 2445538; 433773, 2445524; 433772, 2445519; 433762, 2445509; 433749, 2445500; 433732, 2445496; 433717, 2445497; 433708, 2445498; 433696, 2445499; 433686, 2445494; 433668, 2445480; 433655, 2445475; 433647, 2445474; 433635, 2445470; 433628, 2445467; 433621, 2445463; 433616, 2445456; 433609, 2445448; 433604, 2445445; 433598, 2445437; 433595, 2445433; 433595, 2445428; 433599, 2445420; 433611, 2445391; 433614, 2445376; 433620, 2445365; 433629, 2445356; 433637, 2445346; 433639, 2445336; 433641,

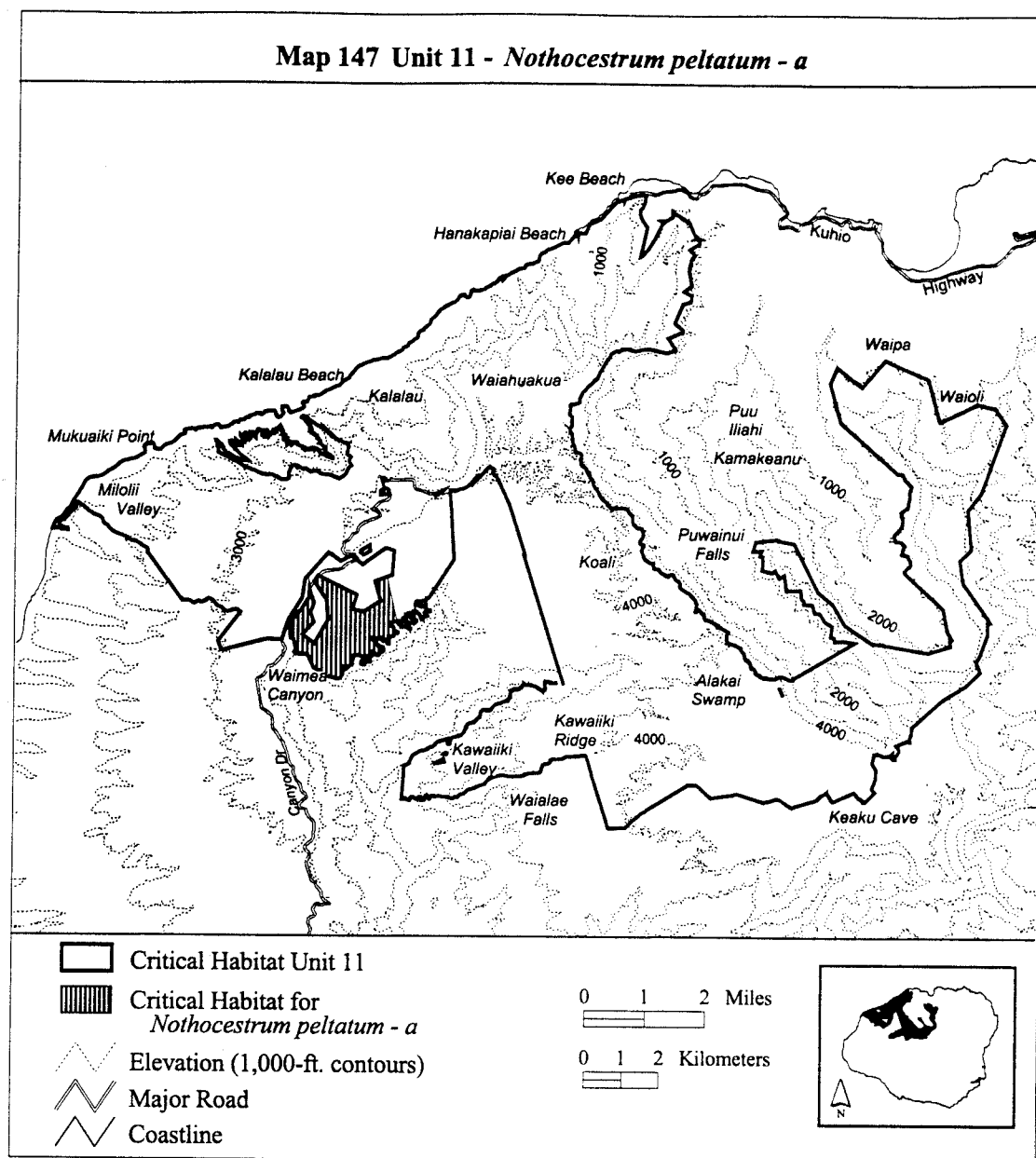
2445327; 433641, 2445319; 433637, 2445311; 433625, 2445307; 433619, 2445305; 433611, 2445307; 433604, 2445309; 433600, 2445313; 433591, 2445329; 433586, 2445341; 433582, 2445346; 433577, 2445353; 433573, 2445358; 433568, 2445366; 433567, 2445374; 433565, 2445381; 433564, 2445388; 433563, 2445395; 433562, 2445398; 433561, 2445399; 433556, 2445403; 433548, 2445403; 433527, 2445398; 433494, 2445388; 433477, 2445386; 433469, 2445388; 433463, 2445394; 433459, 2445402; 433456, 2445410; 433455, 2445416; 433452, 2445424; 433452, 2445436; 433451, 2445445; 433450, 2445450; 433449, 2445457; 433448, 2445461; 433446,

2445465; 433442, 2445467; 433438,  
2445470; 433431, 2445468; 433426,  
2445464; 433420, 2445459; 433413,  
2445452; 433405, 2445444; 433396,  
2445440; 433373, 2445432; 433344,  
2445421; 433332, 2445422; 433317,  
2445424; 433307, 2445428; 433288,  
2445435; 433272, 2445440; 433260,  
2445444; 433247, 2445450; 433242,  
2445455; 433237, 2445459; 433233,  
2445462; 433226, 2445466; 433221,  
2445464; 433201, 2445464; 433193,  
2445466; 433187, 2445464; 433181,  
2445460; 433179, 2445455; 433179,  
2445445; 433180, 2445437; 433192,  
2445424; 433199, 2445416; 433225,  
2445390; 433249, 2445376; 433262,  
2445366; 433268, 2445357; 433274,  
2445351; 433279, 2445342; 433287,  
2445336; 433298, 2445333; 433312,  
2445324; 433316, 2445313; 433323,  
2445297; 433334, 2445273; 433342,  
2445263; 433353, 2445252; 433362,  
2445247; 433375, 2445242; 433386,  
2445238; 433401, 2445232; 433411,  
2445227; 433422, 2445223; 433432,  
2445221; 433450, 2445220; 433460,  
2445216; 433471, 2445210; 433482,  
2445197; 433506, 2445166; 433514,  
2445158; 433515, 2445153; 433512,  
2445142; 433510, 2445136; 433508,  
2445133; 433505, 2445128; 433500,  
2445122; 433495, 2445122; 433487,  
2445127; 433480, 2445134; 433474,  
2445142; 433469, 2445149; 433467,  
2445153; 433464, 2445154; 433457,  
2445154; 433455, 2445147; 433452,  
2445137; 433446, 2445124; 433444,  
2445112; 433441, 2445104; 433438,  
2445101; 433432, 2445099; 433423,  
2445093; 433413, 2445082; 433395,  
2445069; 433387, 2445061; 433382,  
2445052; 433380, 2445044; 433380,  
2445034; 433381, 2445023; 433380,  
2445014; 433379, 2445000; 433377,  
2444996; 433370, 2444993; 433363,  
2444994; 433357, 2444996; 433351,  
2444997; 433345, 2444992; 433337,  
2444989; 433330, 2444988; 433322,  
2444991; 433307, 2444999; 433290,  
2445012; 433274, 2445023; 433259,  
2445036; 433236, 2445061; 433216,  
2445082; 433207, 2445091; 433201,  
2445098; 433195, 2445100; 433189,

2445105; 433182, 2445104; 433177,  
2445100; 433173, 2445094; 433172,  
2445090; 433168, 2445082; 433164,  
2445076; 433159, 2445071; 433154,  
2445066; 433147, 2445060; 433142,  
2445051; 433139, 2445045; 433140,  
2445035; 433142, 2445021; 433156,  
2444993; 433163, 2444982; 433166,  
2444972; 433166, 2444968; 433160,  
2444959; 433153, 2444957; 433144,  
2444955; 433138, 2444957; 433130,  
2444960; 433105, 2444969; 433093,  
2444973; 433082, 2444973; 433074,  
2444972; 433066, 2444967; 433062,  
2444959; 433058, 2444952; 433059,  
2444943; 433060, 2444935; 433064,  
2444920; 433069, 2444904; 433075,  
2444892; 433078, 2444882; 433084,  
2444873; 433092, 2444865; 433104,  
2444854; 433113, 2444850; 433129,  
2444843; 433138, 2444838; 433143,  
2444831; 433144, 2444823; 433144,  
2444816; 433143, 2444809; 433135,  
2444804; 433124, 2444798; 433119,  
2444799; 433108, 2444802; 433094,  
2444809; 433077, 2444818; 433063,  
2444822; 433054, 2444823; 433052,  
2444823; 433047, 2444824; 433039,  
2444823; 433028, 2444822; 433019,  
2444816; 433011, 2444803; 433002,  
2444794; 432993, 2444790; 432986,  
2444785; 432986, 2444775; 432988,  
2444765; 432993, 2444751; 432985,  
2444746; 432976, 2444744; 432960,  
2444745; 432951, 2444751; 432948,  
2444755; 432944, 2444759; 432939,  
2444764; 432936, 2444764; 432925,  
2444762; 432914, 2444760; 432908,  
2444760; 432899, 2444762; 432891,  
2444767; 432887, 2444774; 432887,  
2444783; 432892, 2444797; 432903,  
2444816; 432916, 2444838; 432921,  
2444848; 432923, 2444864; 432929,  
2444881; 432933, 2444897; 432934,  
2444908; 432933, 2444926; 432933,  
2444939; 432932, 2444945; 432930,  
2444950; 432927, 2444958; 432921,  
2444964; 432915, 2444967; 432907,  
2444971; 432897, 2444974; 432883,  
2444981; 432878, 2444986; 432872,  
2444994; 432865, 2444999; 432855,  
2445005; 432846, 2445005; 432838,  
2445004; 432830, 2445001; 432821,  
2444996; 432812, 2444993; 432801,

2444987; 432788, 2444983; 432772,  
2444979; 432761, 2444976; 432744,  
2444977; 432730, 2444975; 432714,  
2444977; 432710, 2444979; 432706,  
2444980; 432698, 2444983; 432692,  
2444979; 432689, 2444973; 432688,  
2444963; 432681, 2444920; 432680,  
2444909; 432670, 2444895; 432664,  
2444887; 432659, 2444878; 432657,  
2444870; 432657, 2444858; 432655,  
2444834; 432653, 2444828; 432648,  
2444816; 432642, 2444806; 432640,  
2444794; 432644, 2444781; 432650,  
2444769; 432655, 2444759; 432657,  
2444744; 432652, 2444736; 432645,  
2444730; 432634, 2444723; 432606,  
2444708; 432584, 2444702; 432554,  
2444687; 432542, 2444682; 432534,  
2444675; 432528, 2444668; 432520,  
2444659; 432513, 2444645; 432507,  
2444636; 432500, 2444628; 432490,  
2444621; 432480, 2444618; 432473,  
2444616; 432465, 2444617; 432453,  
2444622; 432444, 2444625; 432437,  
2444621; 432427, 2444610; 432417,  
2444591; 432405, 2444574; 432401,  
2444563; 432401, 2444556; 432401,  
2444546; 432400, 2444539; 432399,  
2444527; 432393, 2444513; 432387,  
2444505; 432387, 2444498; 432388,  
2444489; 432389, 2444479; 432386,  
2444468; 432379, 2444452; 432369,  
2444432; 432357, 2444408; 432350,  
2444397; 432346, 2444391; 432343,  
2444389; 432340, 2444387; 432336,  
2444386; 432313, 2444377; 432297,  
2444371; 432275, 2444356; 431885,  
2444462; 431820, 2444555; 431615,  
2444657; 431445, 2445015; 431137,  
2445031; 431104, 2445078; 431153,  
2445133; 431083, 2445402; 430991,  
2445457; 430977, 2445767; 431060,  
2445963; 431278, 2446215; 431483,  
2446536; 431491, 2446759; 431622,  
2446390; 431522, 2446121; 431622,  
2445871; 431312, 2445542; 431632,  
2445303; 432001, 2445941; 431961,  
2446460; 431624, 2446959; 431732,  
2447115; 432759, 2446609; 432659,  
2446240; 432948, 2446150; 433397,  
2446440; 433257, 2446958; return to  
starting point.

(B) Note: Map 147 follows:



(cxlviii) Kauai 11—*Nothocestrum peltatum*—b (1,464 ha; 3,617 ac)

(A) Unit consists of the following 125 boundary points: Start at 433416, 2449553; 433413, 2449527; 433251, 2449306; 433081, 2449255; 432650, 2449255; 432630, 2449144; 432587, 2449098; 433711, 2448846; 432893, 2448778; 432382, 2448880; 432382, 2448693; 432638, 2448625; 432638, 2448387; 432433, 2448387; 432416, 2447995; 432432, 2447806; 432433, 2447791; 432672, 2447739; 432961, 2447978; 433336, 2448182; 433424, 2447780; 432918, 2447407; 432609, 2447647; 432320, 2447497; 432136, 2447629; 432001, 2447726; 431369, 2447027; 431298, 2446522; 430955,

2445963; 430827, 2445619; 430759, 2445406; 430405, 2445422; 429257, 2445126; 429144, 2445121; 429062, 2445354; 429654, 2446125; 429591, 2446167; 429485, 2446305; 429263, 2446389; 429094, 2446389; 428972, 2446421; 428912, 2446468; 428912, 2446468; 428911, 2446468; 428904, 2446474; 428793, 2446542; 428773, 2446550; 428747, 2446566; 427960, 2447503; 427660, 2447675; 427505, 2448103; 429733, 2449052; 429708, 2449170; 429968, 2449152; 430437, 2449352; 430418, 2449395; 430369, 2449433; 430355, 2449451; 430349, 2449466; 430335, 2449474; 430318, 2449477; 430307, 2449482; 430312, 2449517; 430313, 2449532; 430320,

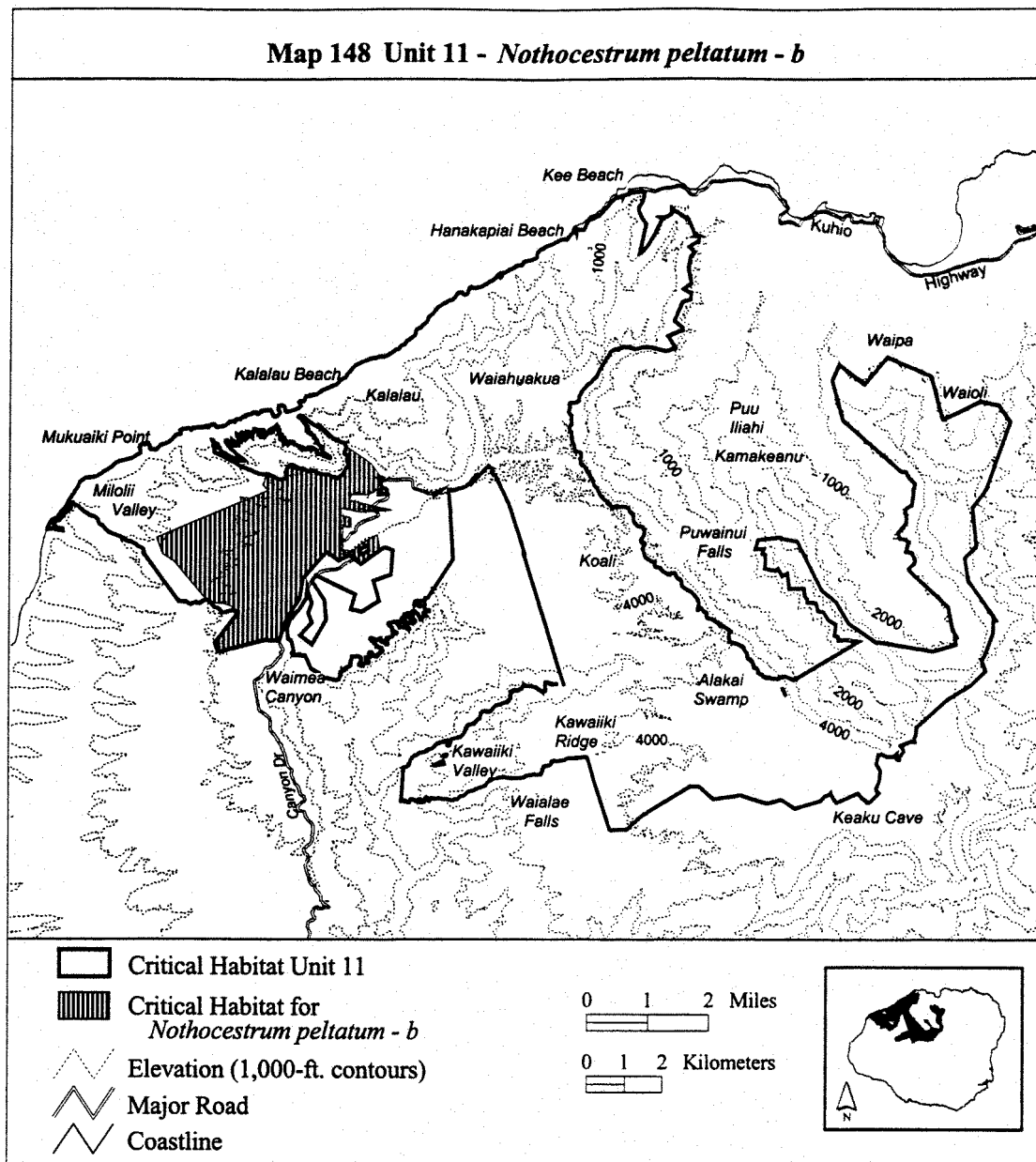
2449553; 430331, 2449565; 430346, 2449596; 430354, 2449622; 430355, 2449641; 430348, 2449666; 430376, 2449750; 430384, 2449766; 430406, 2449796; 430471, 2449787; 430527, 2449754; 430583, 2449736; 430635, 2449693; 430696, 2449656; 430720, 2449646; 430819, 2449646; 430899, 2449674; 430918, 2449717; 430904, 2449834; 430927, 2449905; 430955, 2449985; 430993, 2450032; 431068, 2450041; 431153, 2450008; 431238, 2449970; 431285, 2449942; 431360, 2449956; 431449, 2449886; 431497, 2449867; 431605, 2449895; 431657, 2449890; 431699, 2449876; 431765, 2449810; 431864, 2449801; 431981, 2449792; 432047, 2449787; 432113,

2449740; 432217, 2449712; 432259,  
2449679; 432344, 2449744; 432419,  
2449806; 432471, 2449904; 432504,  
2449961; 432579, 2450036; 432551,  
2450083; 432523, 2450130; 432523,  
2450182; 432565, 2450262; 432523,  
2450304; 432475, 2450313; 432452,

2450337; 432461, 2450375; 432480,  
2450426; 432490, 2450478; 432501,  
2450529; 432504, 2450525; 432504,  
2450527; 433152, 2450085; 433399,  
2449754; 433399, 2449709; 433419,  
2449599; return to starting point.

(B) Excluding 1 area bounded by the following 4 points (3 ha, 8 ac): Start at 433109, 2447775; 432932, 2447668; 432827, 2447751; 433094, 2447922; return to starting point.

(C) Note: Map 148 follows:



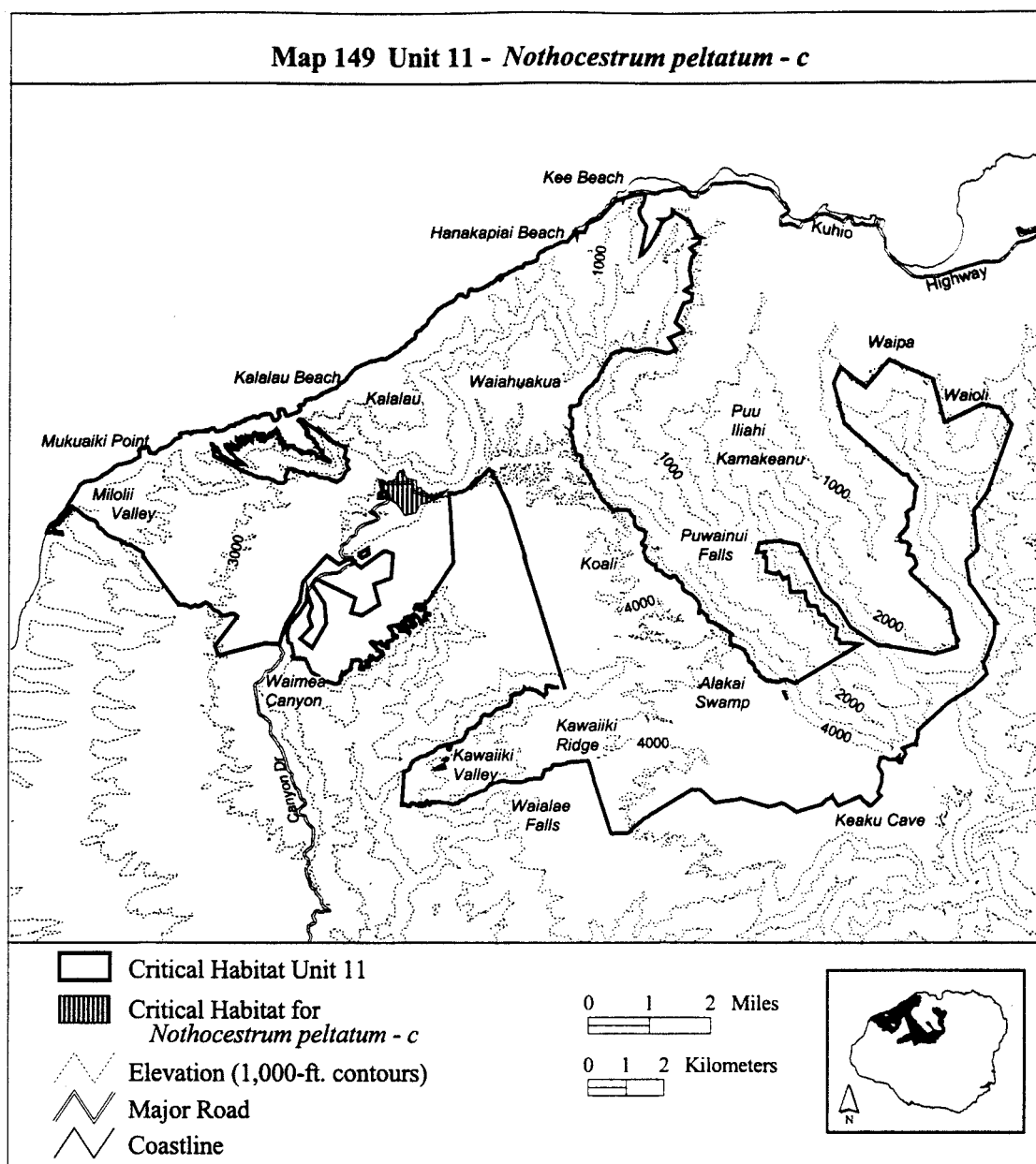
(cxlix) Kauai 11—*Nothocestrum peltatum*—c (80 ha; 198 ac)

(A) Unit consists of the following 36 boundary points: Start at 433467, 2449537; 433459, 2449601; 433480, 2449629; 433550, 2449670; 433792, 2449721; 433887, 2449924; 434015, 2449995; 434094, 2449780; 434354,

2449721; 434409, 2449470; 434457, 2449541; 434688, 2449346; 434987, 2449346; 434991, 2449346; 434991, 2449344; 434988, 2449343; 434881, 2449297; 434833, 2449281; 434834, 2449277; 434839, 2449258; 434842, 2449253; 434844, 2449248; 434839, 2449242; 434833, 2449239; 434684,

2449151; 434469, 2449071; 434362, 2448856; 434336, 2448850; 434055, 2448781; 433923, 2449012; 433812, 2449135; 433688, 2449191; 433660, 2449263; 433664, 2449351; 433588, 2449442; 433509, 2449482; return to starting point.

(B) Note: Map 149 follows:



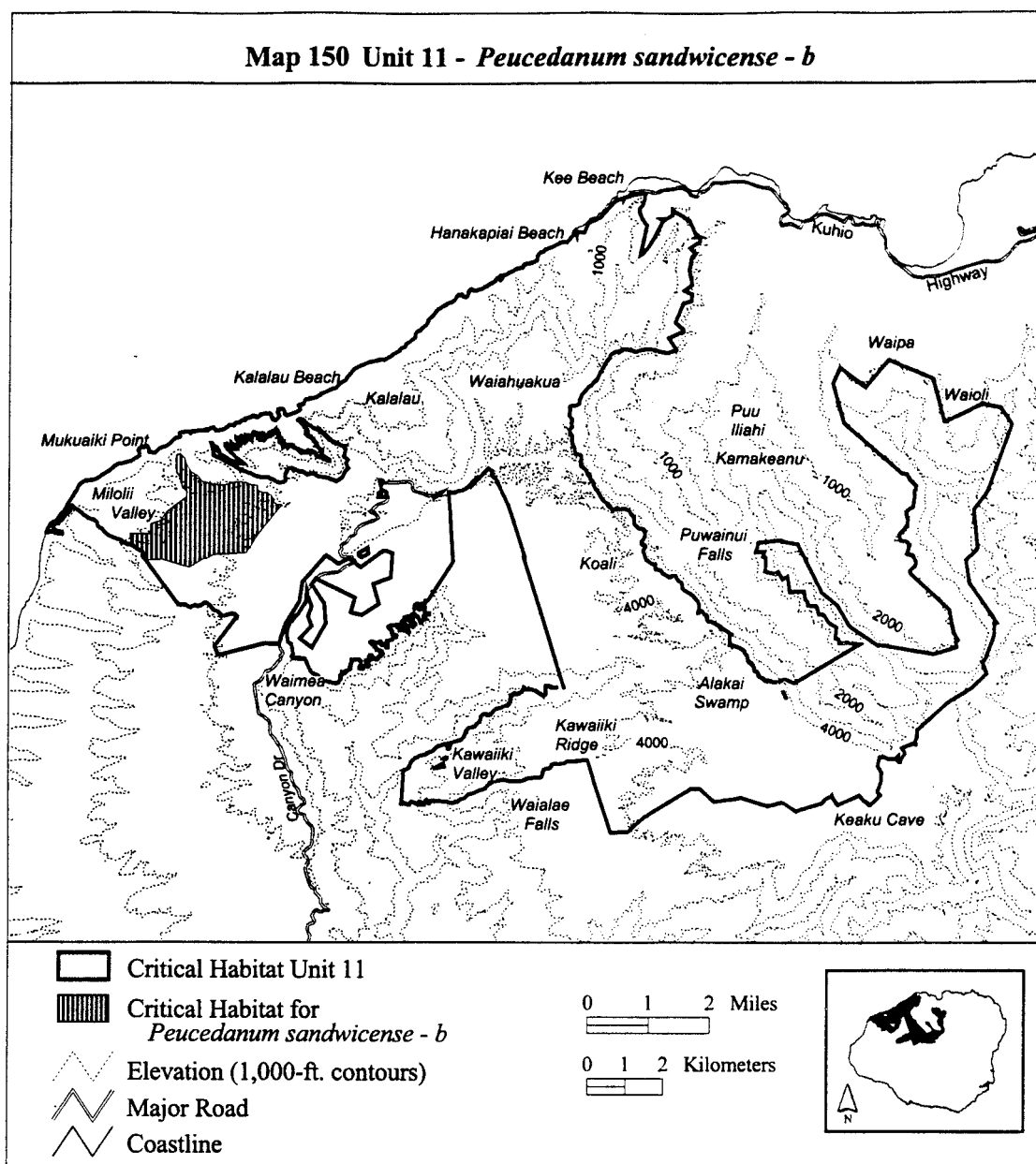
(cl) Kauai 11—*Peucedanum sandwicense*—b (579 ha; 1,430 ac)

(A) Unit consists of the following 91 boundary points: Start at 426832, 2447995; 426843, 2448011; 426810, 2448288; 427346, 2448293; 427357, 2448542; 427623, 2448630; 427799, 2448868; 428291, 2449244; 428313, 2449309; 428313, 2449411; 428205, 2449507; 428142, 2449672; 428131, 2449814; 428029, 2449922; 428017, 2449990; 428017, 2450120; 428017, 2450279; 428034, 2450399; 428142, 2450404; 428245, 2450302; 428302, 2450155; 428364, 2450024; 428409, 2449944; 428523, 2449882; 428637, 2449819; 428705, 2449689; 428847,

2449649; 429000, 2449604; 429194, 2449587; 429341, 2449592; 429501, 2449649; 429677, 2449672; 429876, 2449649; 430006, 2449598; 430009, 2449587; 430011, 2449592; 430066, 2449586; 430177, 2449564; 430182, 2449481; 430221, 2449420; 430359, 2449371; 430420, 2449392; 430437, 2449371; 430430, 2449364; 430451, 2449363; 430463, 2449355; 430474, 2449342; 430485, 2449333; 430527, 2449321; 430531, 2449315; 430531, 2449310; 430534, 2449307; 430545, 2449277; 430559, 2449254; 430604, 2449229; 430616, 2449214; 430623, 2449194; 430623, 2449173; 430616, 2449156; 430619, 2449138; 430629,

2449119; 430643, 2449106; 430666, 2449092; 430680, 2449072; 430824, 2449050; 430232, 2448299; 429895, 2447790; 429381, 2447752; 429032, 2447740; 428839, 2447641; 428767, 2447635; 428380, 2447414; 427650, 2447613; 427235, 2447592; 427185, 2447661; 427161, 2447669; 427157, 2447676; 427157, 2447711; 427175, 2447754; 427176, 2447775; 427171, 2447800; 427160, 2447815; 427124, 2447837; 427084, 2447847; 427039, 2447867; 426997, 2447892; 426981, 2447902; 426958, 2447923; 426944, 2447941; 426907, 2447965; 426847, 2447992; return to starting point.

(B) Note: Map 150 follows:



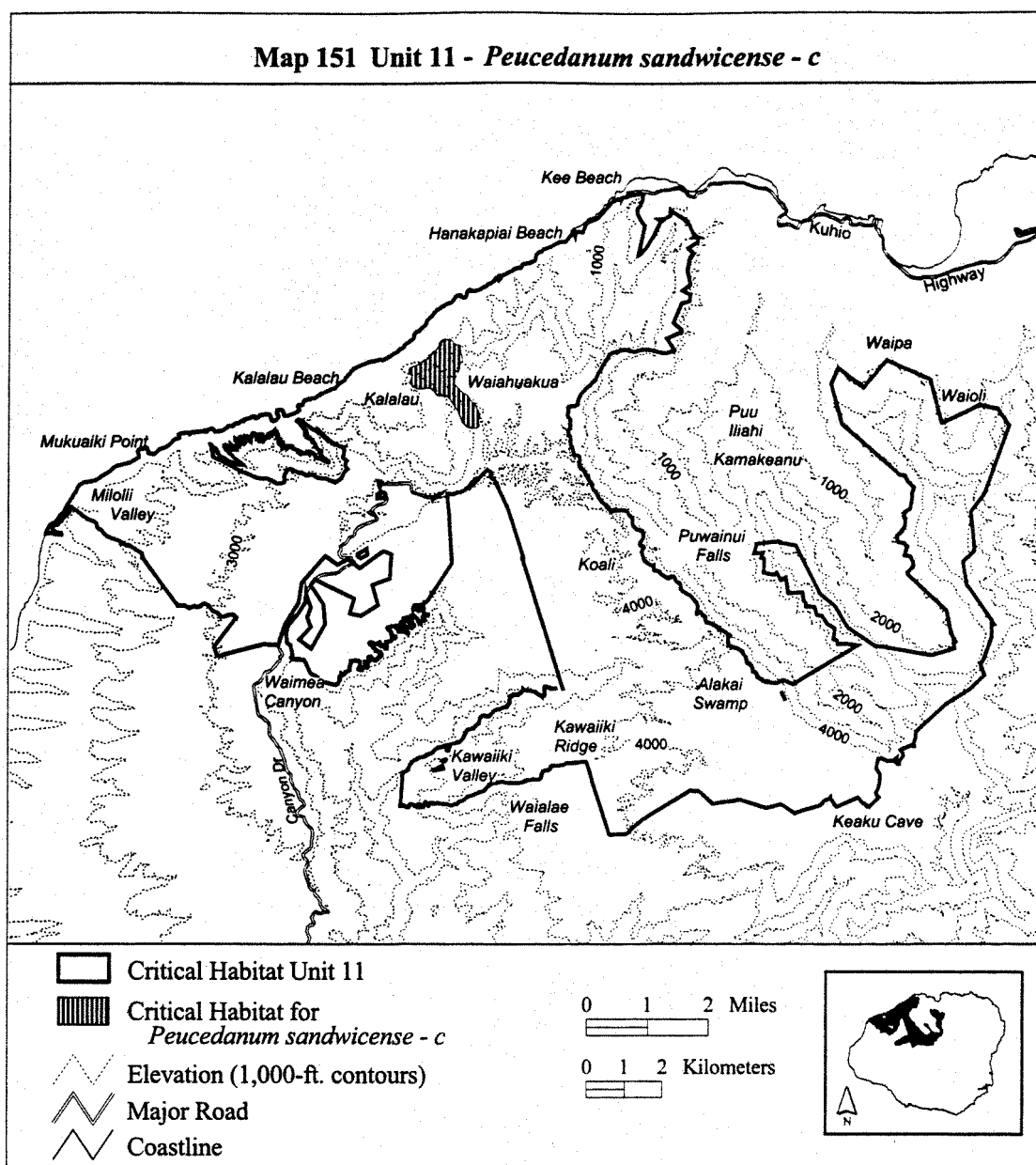
(cli) Kauai 11—*Peucedanum sandwicense*—c (181 ha; 447 ac)

(A) Unit consists of the following 48 boundary points: Start at 435634, 2452896; 435550, 2452817; 435535, 2452664; 435497, 2452553; 435413, 2452410; 435407, 2452304; 435487, 2452193; 435630, 2452061; 435773, 2451976; 435831, 2451875; 435969, 2451706; 436054, 2451547; 436080,

2451431; 436043, 2451304; 436064, 2451177; 435995, 2451108; 435757, 2451140; 435619, 2451272; 435503, 2451574; 435376, 2451759; 435270, 2451902; 435206, 2451981; 434989, 2451976; 434904, 2452029; 434851, 2452114; 434745, 2452198; 434544, 2452161; 434438, 2452167; 434295, 2452225; 434226, 2452320; 434258, 2452437; 434306, 2452516; 434216,

2452564; 434189, 2452680; 434269, 2452749; 434385, 2452775; 434512, 2452849; 434629, 2452913; 434714, 2452971; 434804, 2453108; 434909, 2453188; 434989, 2453272; 435010, 2453389; 435090, 2453452; 435301, 2453468; 435423, 2453341; 435552, 2453315; 435559, 2453209; return to starting point.

(B) **Note:** Map 151 follows:



(cli) Kauai 11—*Phyllostegia knudsenii*—a (297 ha, 735 ac)

(A) Unit consists of the following 265 boundary points: Start at 438184,

2444684; 438270, 2444792; 438407, 2444861; 438555, 2444861; 438624, 2444693; 438899, 2444575; 438978, 2444733; 439185, 2444831; 439490, 2444929; 439598, 2444880; 439598, 2445136; 439795, 2445214; 440110, 2445136; 440316, 2444919; 440503, 2445047; 440661, 2445106; 440788, 2445096; 440759, 2444831; 440720, 2444949; 440474, 2444850; 440493, 2444762; 440188, 2444693; 440188, 2444791; 439933, 2444880; 439962, 2444723; 439933, 2444605; 439775, 2444418; 439490, 2444349; 439362, 2444202; 439195, 2444064; 439037,

2444054; 439027, 2443818; 438949, 2443946; 438634, 2444025; 438516, 2443897; 438358, 2443858; 438348, 2443749; 438034, 2443681; 437984, 2443808; 437384, 2443720; 437571, 2443494; 437473, 2443268; 437227, 2443140; 437069, 2443228; 436774, 2443228; 435545, 2442770; 435532, 2442855; 435534, 2442855; 435543, 2442858; 435556, 2442862; 435571, 2442867; 435585, 2442876; 435598, 2442885; 435608, 2442891; 435619, 2442899; 435627, 2442904; 435642, 2442920; 435658, 2442932; 435668, 2442948; 435673, 2442959; 435681, 2442977; 435688, 2442995; 435693, 2443006; 435698, 2443024; 435704, 2443036; 435708, 2443047; 435715, 2443064; 435722, 2443078; 435725,

2443086; 435729, 2443093; 435735, 2443103; 435738, 2443112; 435743, 2443127; 435749, 2443138; 435753, 2443149; 435757, 2443155; 435766, 2443169; 435778, 2443179; 435790, 2443186; 435804, 2443188; 435821, 2443194; 435842, 2443199; 435861, 2443202; 435874, 2443204; 435889, 2443208; 435904, 2443211; 435933, 2443223; 435942, 2443232; 435949, 2443246; 435958, 2443255; 435969, 2443263; 435979, 2443271; 435993, 2443281; 436010, 2443297; 436032, 2443316; 436048, 2443332; 436064, 2443343; 436080, 2443358; 436089, 2443375; 436095, 2443390; 436100, 2443403; 436107, 2443421; 436113, 2443456; 436118, 2443477; 436123, 2443502; 436134, 2443520; 436146,

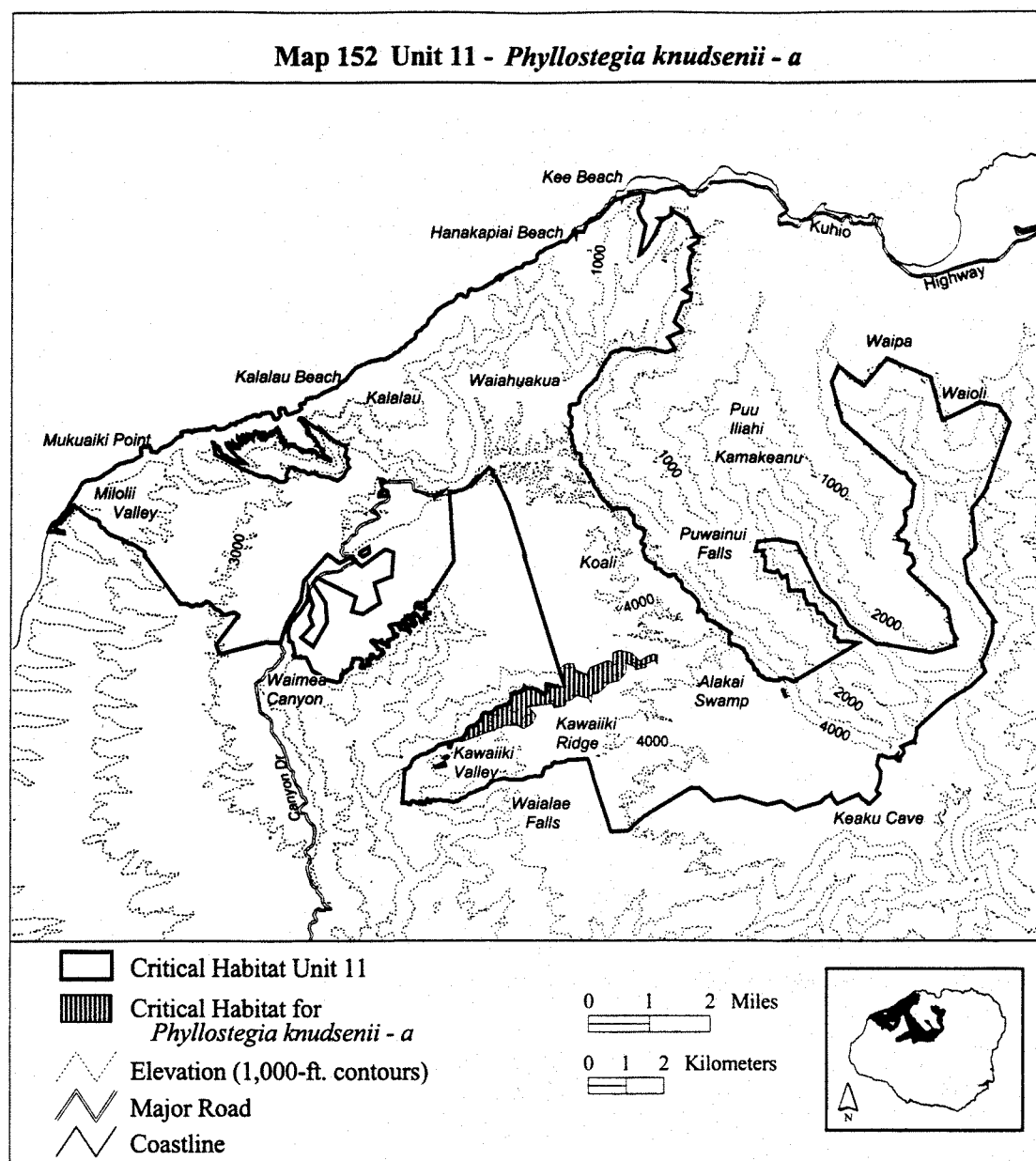


2443534; 436160, 2443543; 436175,  
2443554; 436190, 2443560; 436213,  
2443563; 436227, 2443563; 436240,  
2443562; 436254, 2443557; 436265,  
2443552; 436274, 2443547; 436287,  
2443540; 436300, 2443537; 436315,  
2443532; 436328, 2443529; 436337,  
2443528; 436348, 2443531; 436357,  
2443536; 436369, 2443546; 436380,  
2443558; 436392, 2443572; 436403,  
2443585; 436421, 2443611; 436438,  
2443631; 436460, 2443655; 436478,  
2443676; 436497, 2443688; 436518,  
2443696; 436534, 2443700; 436558,  
2443707; 436576, 2443711; 436597,  
2443714; 436611, 2443716; 436630,  
2443718; 436644, 2443720; 436655,  
2443724; 436666, 2443731; 436678,  
2443742; 436697, 2443756; 436708,  
2443763; 436726, 2443769; 436745,  
2443772; 436758, 2443775; 436771,  
2443776; 436788, 2443776; 436799,  
2443778; 436808, 2443781; 436818,  
2443785; 436823, 2443786; 436829,  
2443790; 436837, 2443797; 436841,  
2443801; 436845, 2443807; 436852,  
2443819; 436861, 2443831; 436870,

2443847; 436882, 2443863; 436890,  
2443877; 436900, 2443900; 436911,  
2443923; 436914, 2443936; 436914,  
2443948; 436913, 2443962; 436910,  
2443981; 436908, 2443995; 436908,  
2444013; 436911, 2444027; 436918,  
2444040; 436926, 2444047; 436933,  
2444055; 436942, 2444065; 436951,  
2444073; 436961, 2444084; 436969,  
2444094; 436975, 2444098; 436983,  
2444102; 436994, 2444107; 437009,  
2444108; 437026, 2444105; 437049,  
2444100; 437067, 2444092; 437076,  
2444089; 437106, 2444090; 437119,  
2444096; 437128, 2444104; 437133,  
2444112; 437137, 2444122; 437144,  
2444130; 437156, 2444135; 437169,  
2444141; 437183, 2444150; 437191,  
2444154; 437202, 2444165; 437212,  
2444177; 437228, 2444198; 437239,  
2444213; 437245, 2444227; 437254,  
2444239; 437263, 2444246; 437278,  
2444240; 437294, 2444234; 437310,  
2444225; 437332, 2444217; 437351,  
2444217; 437370, 2444223; 437391,  
2444223; 437412, 2444226; 437428,  
2444226; 437445, 2444223; 437462,

2444219; 437482, 2444211; 437497,  
2444205; 437541, 2444190; 437563,  
2444183; 437578, 2444179; 437593,  
2444170; 437610, 2444160; 437624,  
2444146; 437636, 2444132; 437651,  
2444119; 437671, 2444112; 437691,  
2444102; 437703, 2444093; 437722,  
2444082; 437732, 2444069; 437749,  
2444061; 437758, 2444058; 437768,  
2444060; 437780, 2444066; 437810,  
2444080; 437821, 2444088; 437831,  
2444100; 437833, 2444111; 437835,  
2444126; 437833, 2444139; 437827,  
2444163; 437822, 2444185; 437820,  
2444206; 437818, 2444236; 437824,  
2444265; 437828, 2444292; 437836,  
2444314; 437843, 2444322; 437854,  
2444327; 437871, 2444328; 437887,  
2444323; 437909, 2444314; 437933,  
2444302; 437960, 2444289; 437984,  
2444274; 438007, 2444260; 438028,  
2444258; 438048, 2444258; 438072,  
2444260; 438087, 2444266; 438109,  
2444271; 438133, 2444273; 438164,  
2444270; 438196, 2444263; 438335,  
2444214; return to starting point.

(B) **Note:** Map 152 follows:



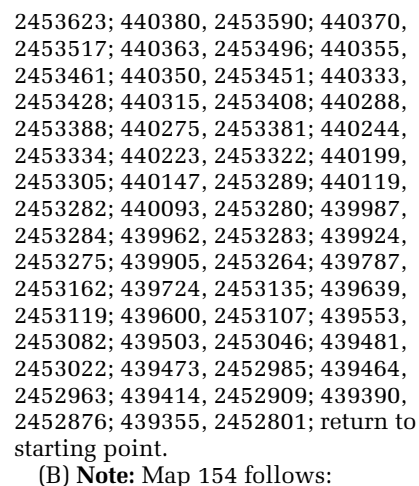
(cliii) Kauai 11—*Phyllostegia waimeae*—a (364 ha; 901 ac)

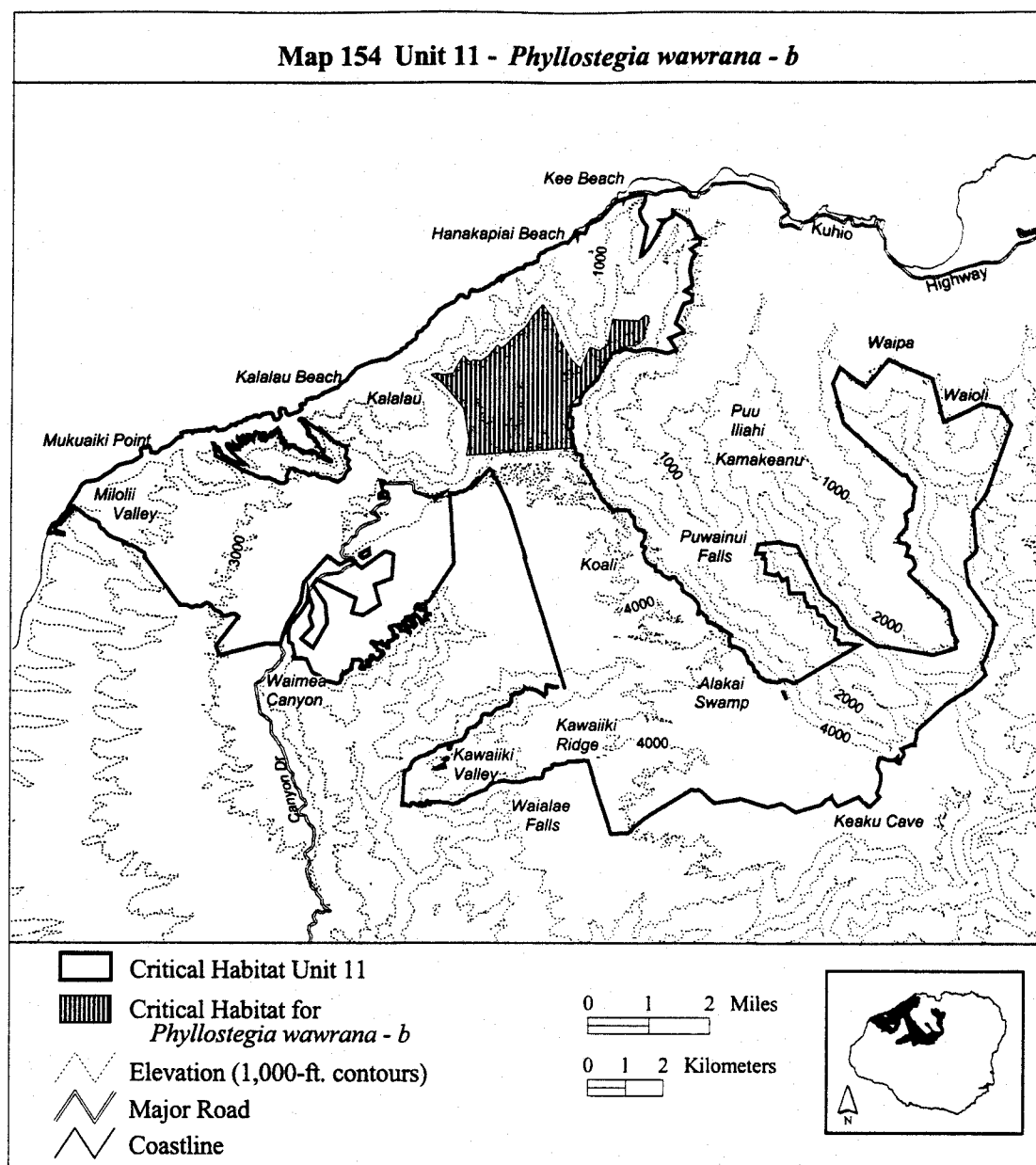
(A) Unit consists of the following 30 boundary points: Start at 437962, 2444106; 439160, 2443328; 439020, 2443250; 439191, 2443203; 439238, 2443125; 439168, 2443024; 439316,

2443017; 439440, 2442729; 439378, 2442635; 436857, 2442223; 436732, 2442270; 436483, 2442441; 436654, 2442636; 436102, 2442659; 436086, 2442721; 436188, 2442916; 436452, 2442939; 436553, 2443095; 436444, 2443235; 436522, 2443367; 436857,

2443468; 437067, 2443336; 437176, 2443359; 437160, 2443499; 437246, 2443585; 437246, 2443733; 437246, 2443888; 437479, 2443943; 437487, 2444013; 437760, 2443935; return to starting point.

(B) **Note:** Map 153 follows:





(clv) Kauai 11—*Phyllostegia wawrana*—  
c (108 ha; 268 ac)

(A) Unit consists of the following 254  
boundary points: Start at 436283,

2443540; 436283, 2443542; 436287,  
2443540; 436300, 2443537; 436315,  
2443532; 436328, 2443529; 436337,  
2443528; 436348, 2443531; 436357,  
2443536; 436369, 2443546; 436380,  
2443558; 436392, 2443572; 436403,  
2443585; 436421, 2443611; 436438,  
2443631; 436460, 2443655; 436478,  
2443676; 436497, 2443688; 436518,  
2443696; 436534, 2443700; 436558,  
2443707; 436576, 2443711; 436597,  
2443714; 436611, 2443716; 436630,  
2443718; 436644, 2443720; 436655,  
2443724; 436666, 2443731; 436678,  
2443742; 436697, 2443756; 436708,

2443763; 436726, 2443769; 436745,  
2443772; 436758, 2443775; 436771,  
2443776; 436788, 2443776; 436799,  
2443778; 436808, 2443781; 436818,  
2443785; 436823, 2443786; 436829,  
2443790; 436837, 2443797; 436841,  
2443801; 436845, 2443807; 436852,  
2443819; 436861, 2443831; 436870,  
2443847; 436882, 2443863; 436890,  
2443877; 436900, 2443900; 436911,  
2443923; 436914, 2443936; 436914,  
2443948; 436913, 2443962; 436910,  
2443981; 436908, 2443995; 436908,  
2444013; 436911, 2444027; 436918,  
2444040; 436926, 2444047; 436933,  
2444055; 436942, 2444065; 436951,  
2444073; 436961, 2444084; 436969,  
2444094; 436975, 2444098; 436983,  
2444102; 436994, 2444107; 437009,

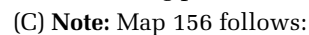
2444108; 437026, 2444105; 437049,  
2444100; 437067, 2444092; 437076,  
2444089; 437106, 2444090; 437119,  
2444096; 437128, 2444104; 437133,  
2444112; 437137, 2444122; 437144,  
2444130; 437156, 2444135; 437169,  
2444141; 437183, 2444150; 437191,  
2444154; 437202, 2444165; 437212,  
2444177; 437228, 2444198; 437239,  
2444213; 437245, 2444227; 437254,  
2444239; 437263, 2444246; 437278,  
2444240; 437294, 2444234; 437310,  
2444225; 437332, 2444217; 437351,  
2444217; 437370, 2444223; 437391,  
2444223; 437412, 2444226; 437428,  
2444226; 437445, 2444223; 437462,  
2444219; 437482, 2444211; 437497,  
2444205; 437541, 2444190; 437563,  
2444183; 437578, 2444179; 437593,

2444170; 437610, 2444160; 437624,  
2444146; 437636, 2444132; 437651,  
2444119; 437671, 2444112; 437691,  
2444102; 437703, 2444093; 437722,  
2444082; 437732, 2444069; 437749,  
2444061; 437758, 2444058; 437768,  
2444060; 437780, 2444066; 437810,  
2444080; 437821, 2444088; 437831,  
2444100; 437833, 2444111; 437835,  
2444126; 437833, 2444139; 437827,  
2444163; 437822, 2444185; 437820,  
2444206; 437818, 2444236; 437824,  
2444265; 437828, 2444292; 437836,  
2444314; 437843, 2444322; 437854,  
2444327; 437871, 2444328; 437887,  
2444323; 437909, 2444314; 437933,  
2444302; 437960, 2444289; 437984,  
2444274; 438007, 2444260; 438028,  
2444258; 438048, 2444258; 438072,  
2444260; 438087, 2444266; 438109,  
2444271; 438133, 2444273; 438164,  
2444270; 438196, 2444263; 438335,  
2444214; 438331, 2444225; 438331,  
2444225; 438361, 2444238; 438459,  
2444323; 438527, 2444400; 438642,  
2444421; 438749, 2444353; 438817,

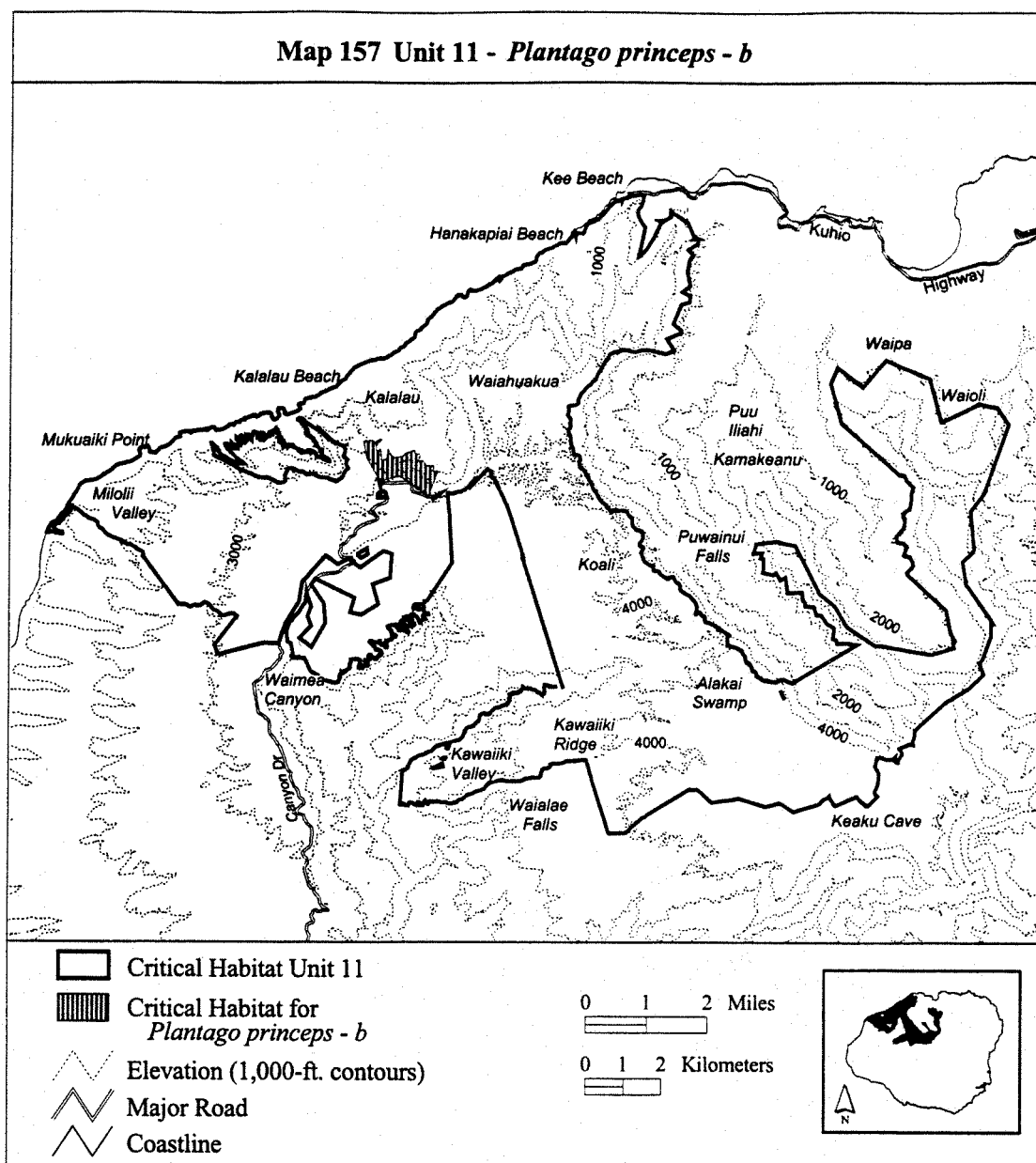
2444310; 438876, 2444310; 438957,  
2444306; 439085, 2444387; 439102,  
2444455; 439230, 2444515; 439302,  
2444566; 439379, 2444595; 439562,  
2444668; 439660, 2444766; 439694,  
2444817; 439715, 2444893; 439770,  
2444944; 439770, 2444872; 439787,  
2444795; 439787, 2444706; 439779,  
2444668; 439707, 2444651; 439447,  
2444532; 439400, 2444506; 439396,  
2444438; 439336, 2444455; 439285,  
2444370; 439242, 2444408; 439187,  
2444357; 439208, 2444306; 439217,  
2444276; 439187, 2444263; 439132,  
2444221; 439093, 2444246; 439072,  
2444238; 439051, 2444204; 439055,  
2444187; 439025, 2444191; 438995,  
2444204; 438949, 2444195; 438949,  
2444144; 438966, 2444093; 438974,  
2443991; 438906, 2443970; 438846,  
2444012; 438812, 2444072; 438757,  
2444076; 438655, 2444170; 438604,  
2444200; 438553, 2444178; 438519,  
2444115; 438472, 2444072; 438480,  
2443983; 438412, 2443927; 438370,  
2443923; 438272, 2443949; 438229,

2443855; 438191, 2443851; 438174,  
2443808; 438118, 2443800; 438054,  
2443864; 438059, 2443932; 437991,  
2443893; 437974, 2443898; 437927,  
2443928; 437871, 2443910; 437782,  
2443813; 437744, 2443830; 437688,  
2443842; 437637, 2443825; 437586,  
2443787; 437497, 2443796; 437467,  
2443774; 437412, 2443770; 437343,  
2443719; 437343, 2443659; 437382,  
2443625; 437416, 2443523; 437373,  
2443510; 437305, 2443523; 437254,  
2443481; 437207, 2443366; 437143,  
2443374; 437071, 2443387; 437028,  
2443434; 436922, 2443549; 436871,  
2443647; 436815, 2443634; 436786,  
2443613; 436709, 2443621; 436692,  
2443553; 436692, 2443515; 436637,  
2443468; 436594, 2443485; 436547,  
2443515; 436496, 2443515; 436445,  
2443485; 436390, 2443485; 436309,  
2443477; 436279, 2443506; return to  
starting point.

(B) **Note:** Map 155 follows:







(clviii) Kauai 11—*Plantago princeps*—c  
(244 ha; 603 ac)

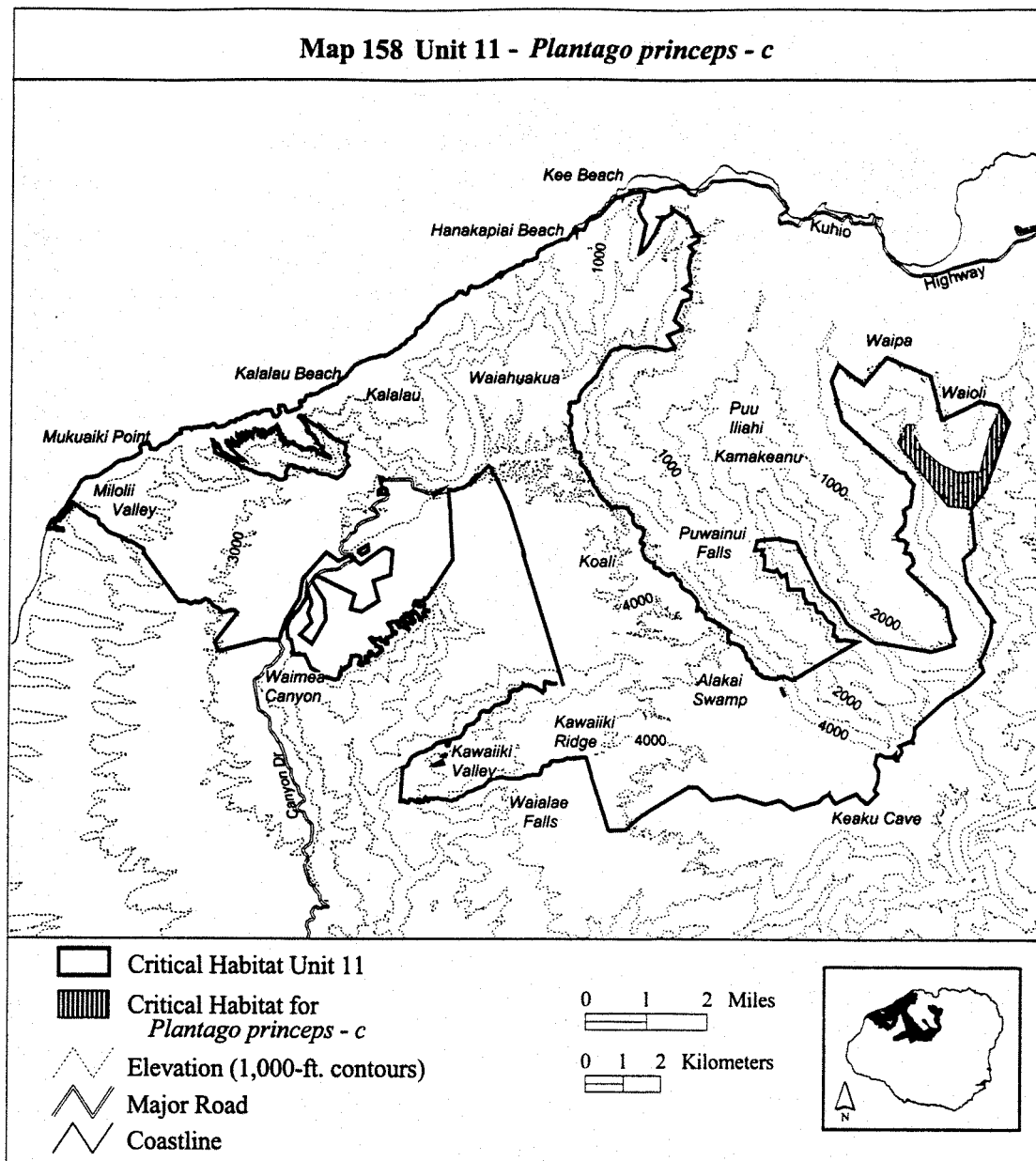
(A) Unit consists of the following 17  
boundary points: Start at 448456,

2448986; 447125, 2450677; 447365,  
2451166; 447582, 2451166; 447538,  
2450979; 447777, 2450536; 448254,  
2450127; 448731, 2449889; 449310,  
2449923; 449617, 2451148; 449833,

2451517; 450063, 2451208; 449872,  
2450704; 449708, 2450232; 449423,  
2449382; 449245, 2449149; 449068,  
2448933; return to starting point.

(B) **Note:** Map 158 follows:





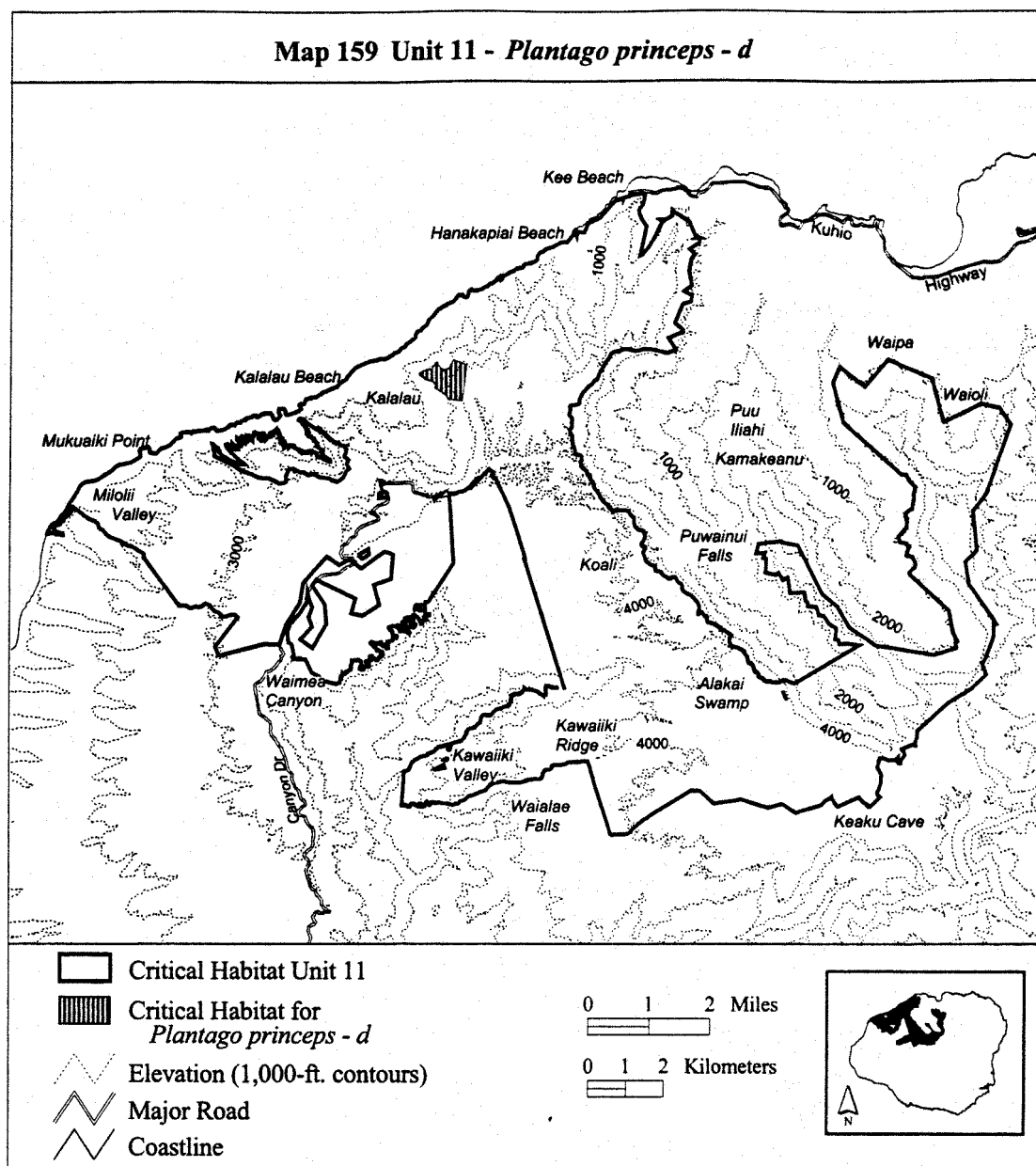
(clix) Kauai 11—*Plantago princeps*—d  
(77 ha; 189 ac)

(A) Unit consists of the following 17  
boundary points: Start at 434421,

2452541; 434634, 2452659; 434776,  
2452663; 434894, 2452862; 434993,  
2452692; 435074, 2452644; 435221,  
2452678; 435334, 2452914; 435626,  
2452805; 435684, 2452743; 435571,

2451808; 435202, 2451855; 435126,  
2452002; 434852, 2452163; 434885,  
2452271; 434757, 2452352; 434587,  
2452394; return to starting point.

(B) **Note:** Map 159 follows:



(clx) Kauai 11—*Platanthera holochila*—  
a (4,149 ha; 10,253 ac)

(A) Unit consists of the following 419 boundary points: Start at 443067, 2445215; 443066, 2445209; 443066, 2445190; 443083, 2445171; 443103, 2445152; 443122, 2445132; 443135, 2445115; 443140, 2445105; 443144, 2445096; 443150, 2445078; 443152, 2445059; 443153, 2445040; 443153, 2445020; 443156, 2445003; 443158, 2444995; 443163, 2444984; 443175, 2444965; 443177, 2444962; 443193, 2444946; 443196, 2444944; 443215, 2444938; 443234, 2444932; 443240, 2444927; 443252, 2444914; 443260, 2444907; 443271, 2444898; 443281, 2444890; 443290, 2444876; 443294, 2444870; 443301, 2444851; 443307,

2444833; 443309, 2444829; 443313, 2444815; 443320, 2444796; 443327, 2444778; 443333, 2444758; 443341, 2444740; 443346, 2444728; 443352, 2444721; 443366, 2444706; 443373, 2444702; 443385, 2444699; 443403, 2444695; 443423, 2444686; 443435, 2444664; 443440, 2444655; 443443, 2444647; 443444, 2444627; 443447, 2444608; 443452, 2444591; 443459, 2444579; 443464, 2444570; 443478, 2444555; 443483, 2444551; 443497, 2444548; 443516, 2444546; 443534, 2444543; 443553, 2444537; 443557, 2444532; 443571, 2444521; 443579, 2444514; 443598, 2444493; 443610, 2444483; 443617, 2444477; 443628, 2444469; 443647, 2444460; 443666, 2444456; 443677, 2444459; 443685,

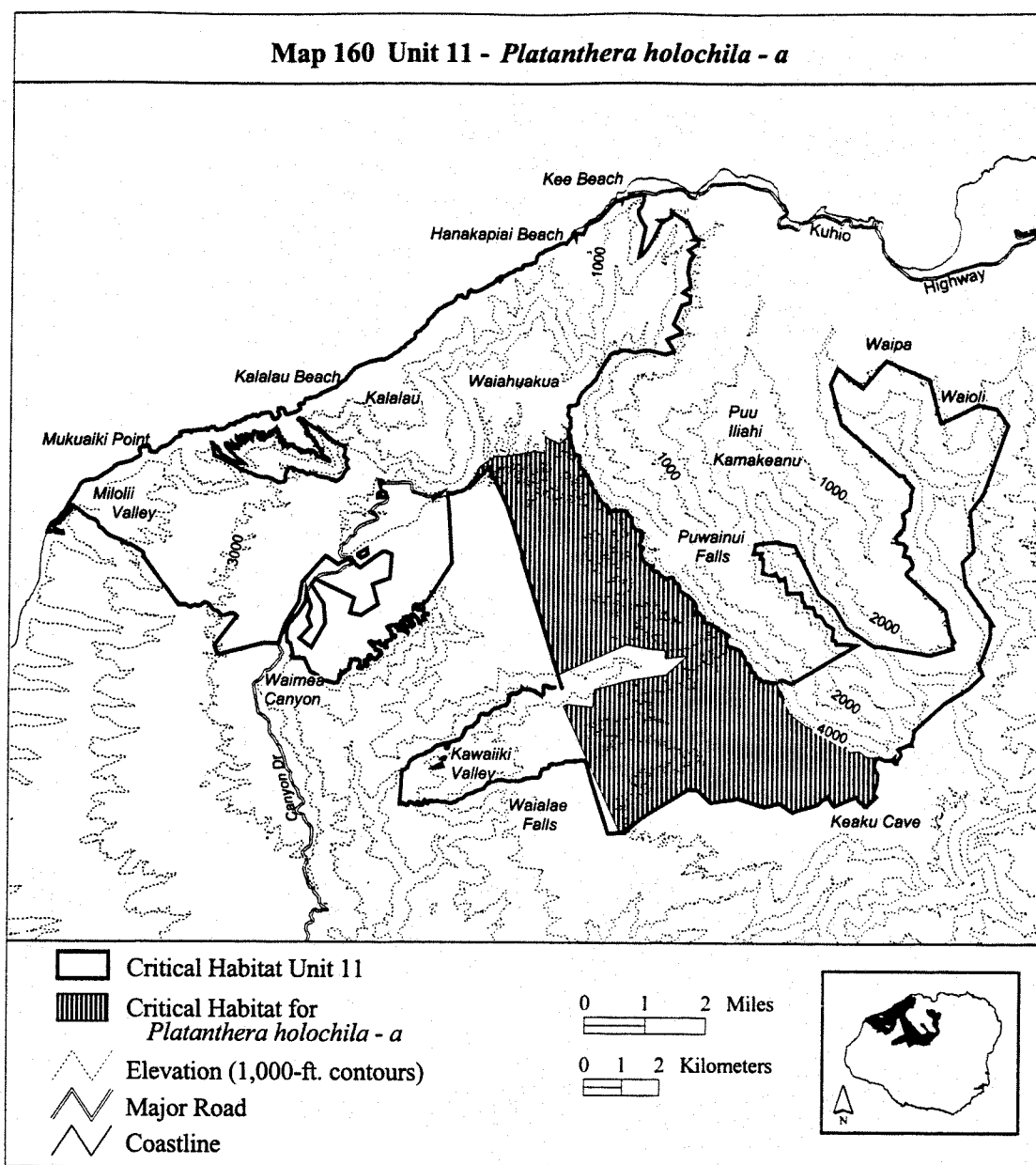
2444463; 443703, 2444469; 443722, 2444464; 443732, 2444458; 443740, 2444454; 443760, 2444446; 443769, 2444440; 443987, 2444415; 444047, 2444337; 444117, 2444107; 444210, 2443933; 444299, 2443729; 444347, 2443603; 444425, 2443555; 444600, 2443428; 444759, 2443295; 445253, 2443054; 445513, 2442838; 445854, 2442734; 445951, 2442593; 446214, 2442612; 446381, 2442489; 446652, 2442437; 446591, 2442195; 446694, 2442007; 446686, 2441764; 446640, 2441627; 446587, 2441543; 446587, 2441501; 446641, 2441436; 446560, 2441376; 446348, 2441177; 446122, 2441415; 445543, 2441183; 445413, 2441371; 445395, 2441421; 445382, 2441433; 445261, 2441357; 445124,

2441205; 444465, 2441003; 444154,  
2441263; 443699, 2441176; 442976,  
2441356; 442310, 2441249; 441883,  
2441603; 441623, 2441574; 440236,  
2440690; 440188, 2440625; 439852,  
2440461; 438358, 2443756; 438446,  
2443829; 439134, 2443741; 439178,  
2444225; 440174, 2444473; 441068,  
2444619; 441639, 2445117; 441039,  
2445044; 441039, 2445264; 440672,  
2445293; 440013, 2445410; 438234,  
2444610; 438008, 2445343; 436790,  
2449091; 436517, 2449722; 436337,  
2450061; 436433, 2450077; 436359,  
2450114; 435843, 2449559; 435838,  
2449570; 436073, 2450082; 436483,  
2450345; 436849, 2450360; 437537,  
2450491; 437845, 2450462; 437816,  
2450886; 438167, 2450681; 438372,  
2450842; 438403, 2451013; 438416,  
2451091; 438463, 2451098; 438455,  
2451089; 438434, 2451069; 438425,  
2451047; 438435, 2450985; 438427,  
2450964; 438472, 2450910; 438501,  
2450796; 438488, 2450686; 438554,  
2450559; 438581, 2450423; 438621,  
2450415; 438690, 2450392; 438715,  
2450373; 438731, 2450342; 438736,  
2450325; 438737, 2450311; 438732,  
2450286; 438717, 2450241; 438713,  
2450206; 438716, 2450162; 438730,  
2450109; 438744, 2450081; 438765,  
2450051; 438791, 2450036; 438816,  
2450028; 438831, 2450010; 438850,  
2449982; 438884, 2449918; 438894,  
2449879; 438904, 2449863; 438919,  
2449853; 438944, 2449813; 438965,  
2449767; 438974, 2449738; 438999,  
2449702; 439016, 2449687; 439025,  
2449671; 439037, 2449642; 439044,  
2449631; 439065, 2449586; 439076,  
2449548; 439102, 2449480; 439114,  
2449463; 439146, 2449435; 439167,  
2449414; 439200, 2449362; 439220,  
2449318; 439230, 2449287; 439244,  
2449261; 439260, 2449242; 439277,  
2449220; 439307, 2449169; 439330,  
2449145; 439361, 2449126; 439382,  
2449107; 439399, 2449097; 439421,  
2449088; 439433, 2449078; 439437,  
2449066; 439437, 2449023; 439451,  
2449000; 439508, 2448984; 439516,  
2448971; 439526, 2448944; 439539,

2448922; 439553, 2448909; 439578,  
2448906; 439611, 2448928; 439633,  
2448940; 439656, 2448949; 439678,  
2448950; 439697, 2448941; 439733,  
2448930; 439761, 2448926; 439788,  
2448929; 439830, 2448945; 439853,  
2448941; 439875, 2448932; 439900,  
2448928; 439922, 2448928; 439941,  
2448924; 439961, 2448915; 439982,  
2448899; 440000, 2448878; 440036,  
2448815; 440073, 2448762; 440089,  
2448747; 440112, 2448732; 440121,  
2448718; 440125, 2448690; 440124,  
2448663; 440120, 2448633; 440125,  
2448578; 440136, 2448537; 440157,  
2448511; 440179, 2448496; 440190,  
2448485; 440198, 2448467; 440218,  
2448446; 440237, 2448434; 440254,  
2448428; 440307, 2448418; 440331,  
2448411; 440350, 2448395; 440375,  
2448361; 440391, 2448353; 440402,  
2448352; 440411, 2448336; 440416,  
2448314; 440415, 2448290; 440421,  
2448239; 440413, 2448216; 440401,  
2448191; 440384, 2448138; 440374,  
2448123; 440341, 2448084; 440331,  
2448061; 440325, 2448033; 440329,  
2448016; 440343, 2448005; 440409,  
2447991; 440426, 2447974; 440435,  
2447959; 440436, 2447941; 440395,  
2447896; 440384, 2447871; 440378,  
2447845; 440377, 2447819; 440383,  
2447794; 440413, 2447711; 440451,  
2447620; 440468, 2447593; 440487,  
2447571; 440540, 2447539; 440579,  
2447511; 440599, 2447501; 440674,  
2447485; 440693, 2447475; 440703,  
2447461; 440703, 2447452; 440695,  
2447430; 440693, 2447407; 440699,  
2447389; 440710, 2447368; 440722,  
2447354; 440740, 2447346; 440800,  
2447339; 440842, 2447328; 440858,  
2447311; 440865, 2447286; 440873,  
2447265; 440888, 2447250; 440941,  
2447230; 440969, 2447210; 441039,  
2447168; 441058, 2447153; 441083,  
2447147; 441095, 2447154; 441113,  
2447170; 441133, 2447183; 441148,  
2447188; 441172, 2447190; 441201,  
2447195; 441219, 2447195; 441231,  
2447186; 441240, 2447171; 441268,  
2447104; 441283, 2447083; 441317,  
2447043; 441363, 2447030; 441373,

2447026; 441398, 2446997; 441399,  
2446995; 441403, 2446972; 441402,  
2446899; 441405, 2446869; 441434,  
2446820; 441455, 2446804; 441476,  
2446797; 441521, 2446777; 441532,  
2446763; 441549, 2446752; 441584,  
2446741; 441620, 2446723; 441648,  
2446705; 441674, 2446682; 441829,  
2446505; 441829, 2446501; 441836,  
2446475; 441847, 2446451; 441864,  
2446424; 441868, 2446401; 441856,  
2446328; 441855, 2446295; 441848,  
2446265; 441834, 2446230; 441838,  
2446221; 441852, 2446219; 441879,  
2446263; 441897, 2446273; 441929,  
2446268; 441943, 2446256; 441963,  
2446219; 441982, 2446194; 442005,  
2446171; 442019, 2446165; 442039,  
2446165; 442059, 2446159; 442071,  
2446146; 442073, 2446121; 442067,  
2446082; 442072, 2446052; 442082,  
2446029; 442100, 2446007; 442175,  
2445995; 442202, 2445986; 442261,  
2445949; 442273, 2445945; 442301,  
2445924; 442317, 2445917; 442372,  
2445885; 442381, 2445882; 442428,  
2445851; 442430, 2445827; 442435,  
2445813; 442444, 2445807; 442467,  
2445799; 442492, 2445803; 442501,  
2445803; 442711, 2445664; 442713,  
2445661; 442710, 2445647; 442674,  
2445604; 442668, 2445590; 442666,  
2445576; 442668, 2445560; 442673,  
2445515; 442668, 2445494; 442667,  
2445490; 442671, 2445471; 442675,  
2445453; 442682, 2445433; 442689,  
2445419; 442694, 2445414; 442709,  
2445399; 442727, 2445386; 442743,  
2445378; 442747, 2445377; 442765,  
2445370; 442785, 2445364; 442798,  
2445359; 442804, 2445357; 442821,  
2445353; 442842, 2445347; 442858,  
2445342; 442862, 2445341; 442877,  
2445336; 442898, 2445330; 442915,  
2445323; 442934, 2445314; 442952,  
2445303; 442956, 2445301; 442972,  
2445292; 442981, 2445284; 442990,  
2445276; 443006, 2445268; 443009,  
2445266; 443029, 2445263; 443047,  
2445260; 443065, 2445247; 443068,  
2445227; return to starting point.

(B) **Note:** Map 160 follows:



(clxi) Kauai 11—*Poa mannii*—a (1,871 ha; 4,624 ac)

(A) Unit consists of the following 174 boundary points: Start at 425642, 2448753; 426032, 2448753; 426313, 2448497; 426288, 2448753; 426735, 2448715; 427004, 2448702; 426723, 2448868; 426723, 2448996; 427068, 2449085; 426697, 2449175; 426288, 2449252; 426070, 2449379; 426428, 2449430; 426428, 2449545; 426697, 2449609; 427068, 2449801; 427196, 2449942; 427273, 2450069; 427708, 2449967; 427887, 2449993; 428040, 2450235; 428168, 2449878; 428232, 2449788; 428488, 2449673; 428488, 2449571; 428718, 2449443; 428910, 2449533; 429089, 2449443; 429115, 2449532; 429549, 2449584; 429805,

2449609; 429677, 2449941; 429283, 2450247; 429576, 2450092; 429717, 2449996; 429751, 2449978; 429791, 2449963; 429830, 2449956; 429860, 2449947; 429944, 2449910; 429968, 2449904; 430016, 2449884; 430068, 2449856; 430172, 2449815; 430207, 2449804; 430261, 2449795; 430317, 2449781; 430340, 2449778; 430365, 2449787; 430392, 2449798; 430408, 2449802; 430410, 2449802; 430406, 2449796; 430471, 2449787; 430527, 2449754; 430583, 2449736; 430635, 2449693; 430696, 2449656; 430720, 2449646; 430819, 2449646; 430899, 2449674; 430918, 2449717; 430904, 2449834; 430927, 2449905; 430955, 2449985; 430993, 2450032; 431068, 2450041; 431153, 2450008; 431238,

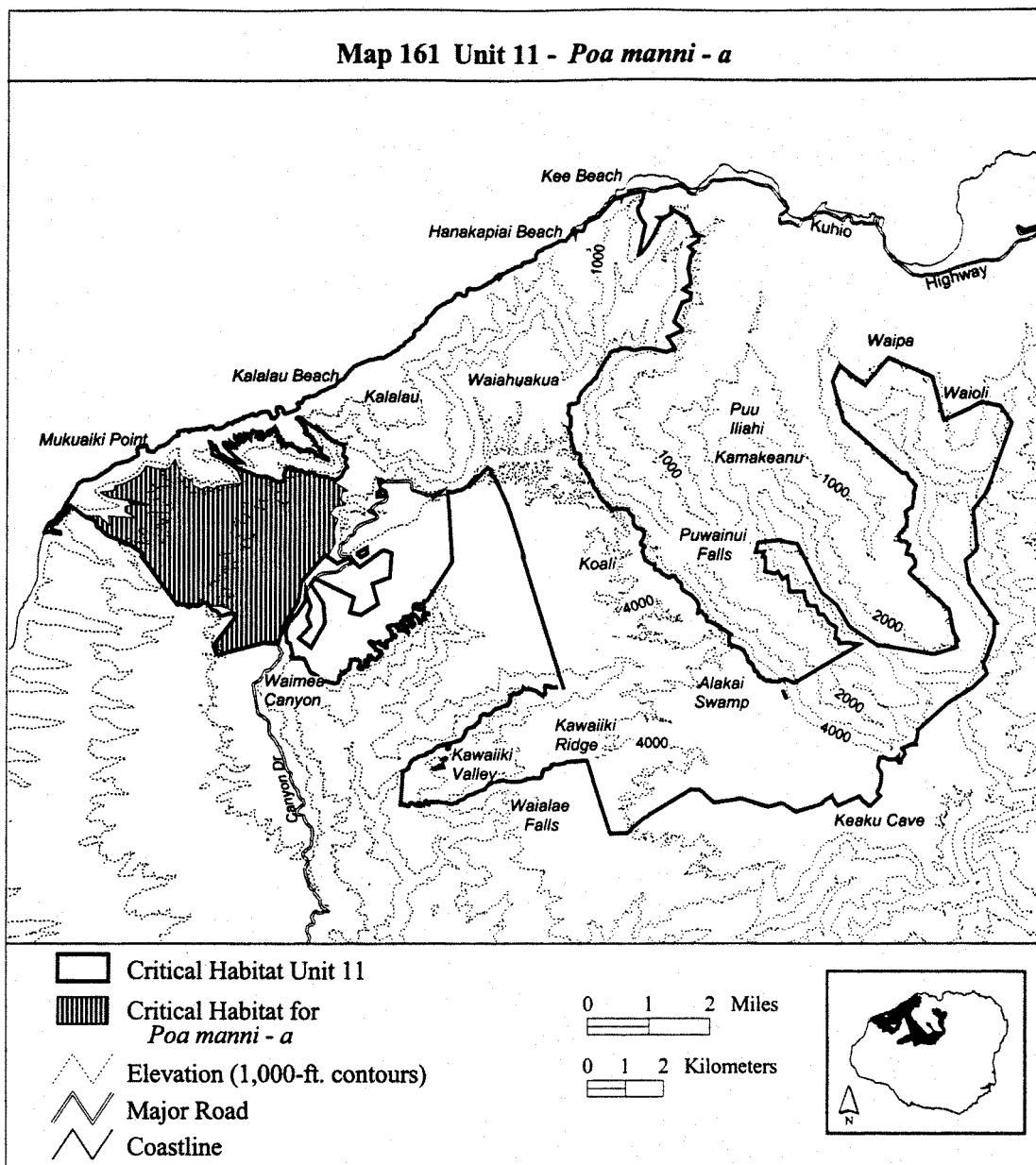
2449970; 431285, 2449942; 431360, 2449956; 431449, 2449886; 431497, 2449867; 431605, 2449895; 431657, 2449890; 431699, 2449876; 431765, 2449810; 431864, 2449801; 431981, 2449792; 431993, 2449791; 432594, 2449404; 432440, 2449378; 432415, 2449161; 432550, 2449064; 432514, 2449029; 432286, 2448988; 432120, 2448816; 432217, 2448734; 432331, 2448670; 432248, 2448433; 432235, 2448305; 432261, 2448075; 432248, 2447985; 432082, 2447678; 432073, 2447674; 432001, 2447726; 431869, 2447580; 431749, 2447525; 431686, 2447378; 431369, 2447027; 431298, 2446522; 430955, 2445963; 430837, 2445645; 430679, 2445410; 430405, 2445422; 429367, 2445154; 429077,

2445312; 429062, 2445354; 429654,  
2446125; 429591, 2446167; 429485,  
2446305; 429263, 2446389; 429094,  
2446389; 428972, 2446421; 428904,  
2446474; 428793, 2446542; 428740,  
2446564; 428655, 2446474; 428602,  
2446447; 428476, 2446463; 428396,  
2446447; 428285, 2446458; 428116,  
2446474; 428047, 2446484; 427185,  
2447661; 427161, 2447669; 427157,  
2447676; 427157, 2447711; 427175,  
2447754; 427176, 2447775; 427171,

2447800; 427160, 2447815; 427124,  
2447837; 427084, 2447847; 427039,  
2447867; 426997, 2447892; 426981,  
2447902; 426958, 2447923; 426944,  
2447941; 426907, 2447965; 426847,  
2447992; 426819, 2447998; 426798,  
2448010; 426758, 2448005; 426737,  
2448009; 426722, 2448015; 426613,  
2448093; 426561, 2448116; 426517,  
2448133; 426478, 2448151; 426432,  
2448166; 426398, 2448180; 426338,  
2448196; 426281, 2448222; 426223,

2448260; 426138, 2448319; 426097,  
2448378; 426063, 2448412; 426051,  
2448421; 426007, 2448440; 425989,  
2448455; 425969, 2448492; 425954,  
2448543; 425949, 2448584; 425923,  
2448613; 425884, 2448631; 425855,  
2448652; 425837, 2448658; 425792,  
2448676; 425765, 2448685; 425735,  
2448700; 425708, 2448709; 425675,  
2448727; 425654, 2448744; return to  
starting point.

(B) Note: Map 161 follows:



(clxii) Kauai 11—*Poa mannii*—b (677 ha; 1,673 ac)

(A) Unit consists of the following 234 boundary points: Start at 438751, 2445160; 438842, 2444944; 439024,

2445148; 439285, 2445160; 439353, 2445398; 439637, 2445466; 439933, 2445511; 440148, 2445421; 440273, 2445375; 440512, 2445375; 441091, 2445284; 441046, 2445068; 441387, 2445216; 441625, 2445204; 441750,

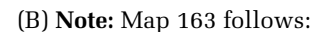
2445102; 441807, 2445307; 441909, 2445363; 442045, 2445454; 442204, 2445397; 441966, 2445250; 441943, 2445068; 441841, 2444784; 441784, 2444750; 441648, 2444921; 441409, 2444841; 441659, 2444489; 441148,

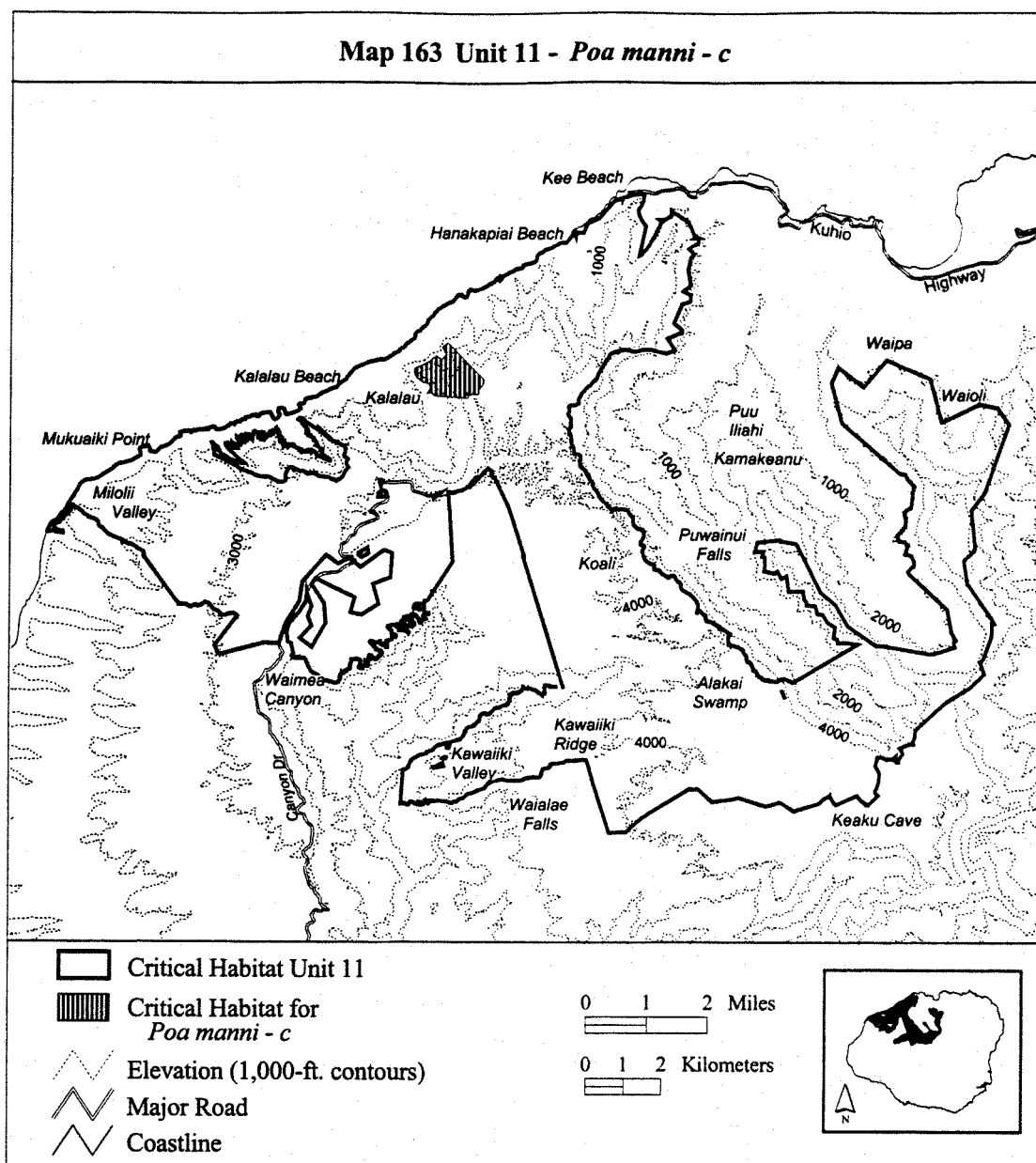
2444523; 440784, 2444523; 440796,  
2444330; 440682, 2444240; 440444,  
2444251; 440421, 2444478; 440216,  
2444455; 440069, 2444455; 440092,  
2444296; 439989, 2444240; 439603,  
2444206; 439478, 2444047; 439808,  
2443945; 439910, 2443763; 440239,  
2443785; 440239, 2443695; 440035,  
2443627; 439773, 2443513; 439467,  
2443615; 439217, 2443422; 439012,  
2443388; 438638, 2443581; 438638,  
2443638; 438376, 2443536; 438399,  
2443445; 435707, 2442537; 435707,  
2442855; 435926, 2443221; 435933,  
2443223; 435942, 2443232; 435949,  
2443246; 435958, 2443255; 435969,  
2443263; 435979, 2443271; 435993,  
2443281; 436010, 2443297; 436032,  
2443316; 436048, 2443332; 436064,  
2443343; 436080, 2443358; 436089,  
2443375; 436095, 2443390; 436100,  
2443403; 436107, 2443421; 436113,  
2443456; 436118, 2443477; 436123,  
2443502; 436134, 2443520; 436146,  
2443534; 436160, 2443543; 436175,  
2443554; 436190, 2443560; 436213,  
2443563; 436227, 2443563; 436240,  
2443562; 436254, 2443557; 436265,  
2443552; 436274, 2443547; 436287,  
2443540; 436300, 2443537; 436315,  
2443532; 436328, 2443529; 436337,  
2443528; 436348, 2443531; 436357,  
2443536; 436369, 2443546; 436380,  
2443558; 436392, 2443572; 436403,  
2443585; 436421, 2443611; 436438,  
2443631; 436460, 2443655; 436478,

2443676; 436497, 2443688; 436518,  
2443696; 436534, 2443700; 436558,  
2443707; 436576, 2443711; 436597,  
2443714; 436611, 2443716; 436630,  
2443718; 436644, 2443720; 436655,  
2443724; 436666, 2443731; 436678,  
2443742; 436697, 2443756; 436708,  
2443763; 436726, 2443769; 436745,  
2443772; 436758, 2443775; 436771,  
2443776; 436788, 2443776; 436799,  
2443778; 436808, 2443781; 436818,  
2443785; 436823, 2443786; 436829,  
2443790; 436837, 2443797; 436841,  
2443801; 436845, 2443807; 436852,  
2443819; 436861, 2443831; 436870,  
2443847; 436882, 2443863; 436890,  
2443877; 436900, 2443900; 436911,  
2443923; 436914, 2443936; 436914,  
2443948; 436913, 2443962; 436910,  
2443981; 436908, 2443995; 436908,  
2444013; 436911, 2444027; 436918,  
2444040; 436926, 2444047; 436933,  
2444055; 436942, 2444065; 436951,  
2444073; 436961, 2444084; 436969,  
2444094; 436975, 2444098; 436983,  
2444102; 436994, 2444107; 437009,  
2444108; 437026, 2444105; 437049,  
2444100; 437067, 2444092; 437076,  
2444089; 437106, 2444090; 437119,  
2444096; 437128, 2444104; 437133,  
2444112; 437137, 2444122; 437144,  
2444130; 437156, 2444135; 437169,  
2444141; 437183, 2444150; 437191,  
2444154; 437202, 2444165; 437212,  
2444177; 437228, 2444198; 437239,  
2444213; 437245, 2444227; 437254,

2444239; 437263, 2444246; 437278,  
2444240; 437294, 2444234; 437310,  
2444225; 437332, 2444217; 437351,  
2444217; 437370, 2444223; 437391,  
2444223; 437412, 2444226; 437428,  
2444226; 437445, 2444223; 437462,  
2444219; 437482, 2444211; 437497,  
2444205; 437541, 2444190; 437563,  
2444183; 437578, 2444179; 437593,  
2444170; 437610, 2444160; 437624,  
2444146; 437636, 2444132; 437651,  
2444119; 437671, 2444112; 437691,  
2444102; 437703, 2444093; 437722,  
2444082; 437732, 2444069; 437749,  
2444061; 437758, 2444058; 437768,  
2444060; 437780, 2444066; 437810,  
2444080; 437821, 2444088; 437831,  
2444100; 437833, 2444111; 437835,  
2444126; 437833, 2444139; 437827,  
2444163; 437822, 2444185; 437820,  
2444206; 437818, 2444236; 437824,  
2444265; 437828, 2444292; 437836,  
2444314; 437843, 2444322; 437854,  
2444327; 437871, 2444328; 437887,  
2444323; 437909, 2444314; 437933,  
2444302; 437960, 2444289; 437984,  
2444274; 438007, 2444260; 438028,  
2444258; 438048, 2444258; 438072,  
2444260; 438087, 2444266; 438109,  
2444271; 438133, 2444273; 438164,  
2444270; 438196, 2444263; 438335,  
2444214; 438062, 2445062; return to  
starting point.

(B) **Note:** Map 162 follows:





(clxiv) Kauai 11—*Poa mannii*—d (307 ha; 758 ac)

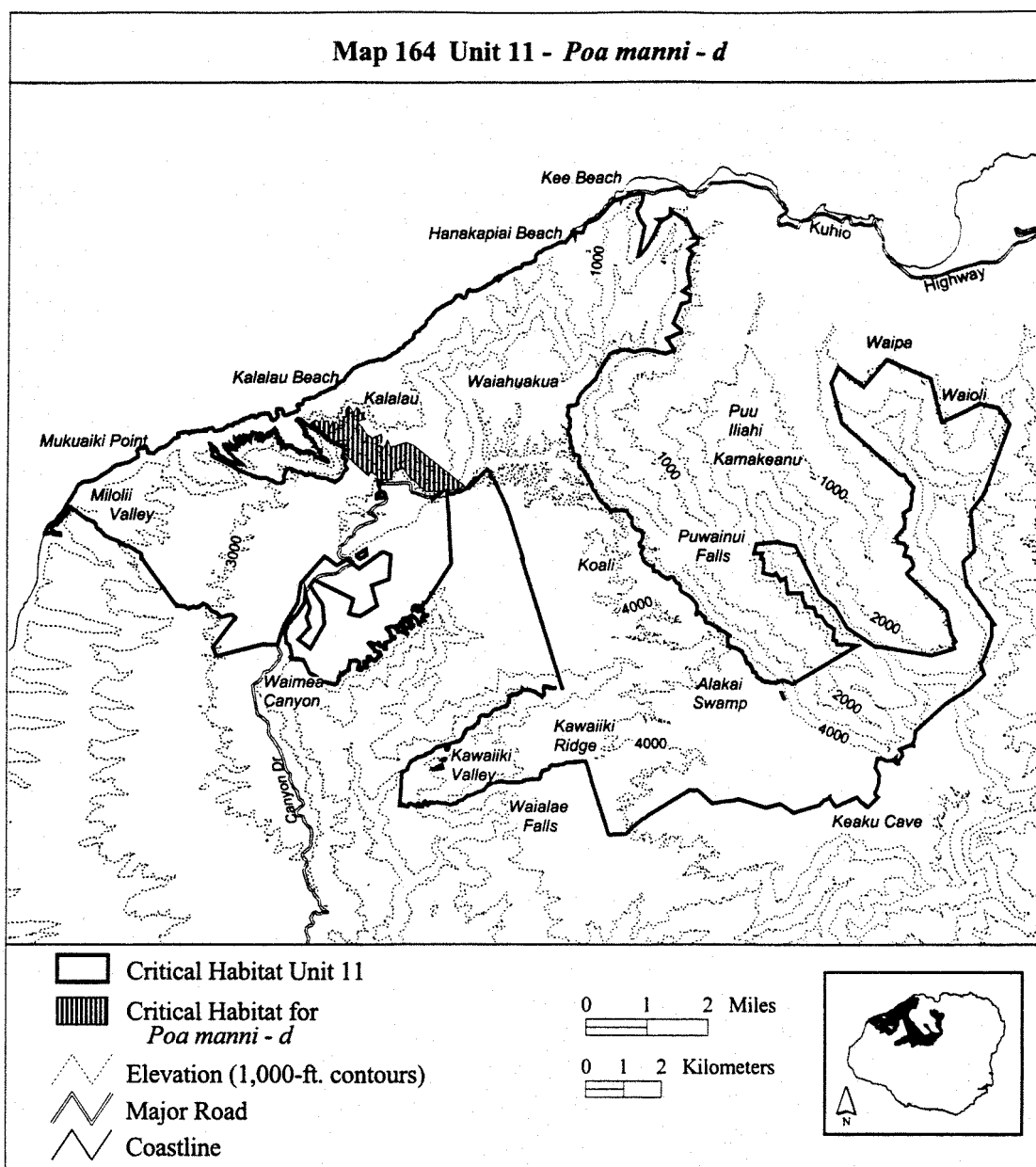
(A) Unit consists of the following 77 boundary points: Start at 433153, 2449843; 432813, 2450152; 432485, 2450450; 432490, 2450478; 432501, 2450529; 432494, 2450543; 432477, 2450580; 432468, 2450593; 432464, 2450611; 432465, 2450623; 432450, 2450624; 432408, 2450635; 432380, 2450644; 432335, 2450666; 432281, 2450696; 432235, 2450718; 432200, 2450735; 432172, 2450746; 432145, 2450759; 431625, 2451231; 431758,

2451328; 431849, 2451245; 431911, 2451384; 431960, 2451272; 432072, 2451300; 432121, 2451098; 432191, 2451293; 432246, 2451224; 432267, 2451286; 432386, 2451112; 432365, 2451307; 432477, 2451286; 432456, 2451398; 432532, 2451384; 432553, 2451481; 432539, 2451572; 432630, 2451691; 432742, 2451495; 432825, 2451642; 432909, 2451579; 432902, 2451481; 433035, 2451523; 433000, 2451405; 433063, 2451335; 432902, 2451300; 432867, 2451237; 433000, 2451098; 433084, 2450965; 433181, 2450896; 433244, 2450833; 433481,

2450937; 433516, 2450868; 433516, 2450756; 433411, 2450624; 433509, 2450638; 433509, 2450491; 433642, 2450798; 433718, 2450603; 433893, 2450638; 434102, 2450721; 434172, 2450728; 434256, 2450679; 434339, 2450672; 435693, 2449591; 435532, 2449494; 435330, 2449466; 435107, 2449452; 434681, 2449431; 434430, 2449661; 434207, 2449836; 434046, 2450073; 433795, 2449947; 433774, 2449752; 433565, 2449738; 433404, 2449759; 433321, 2449885; 433195, 2449955; return to starting point.

(B) **Note:** Map 164 follows:





(clxv) Kauai 11—*Poa sandvicensis*—a  
(1,111 ha; 2,745 ac)

(A) Unit consists of the following 244 boundary points: Start at 438161, 2444755; 437857, 2445701; 437748, 2446041; 437745, 2446059; 437889, 2446251; 438216, 2446357; 438389, 2446328; 438476, 2446232; 438601, 2446290; 438649, 2446405; 438755, 2446501; 438966, 2446501; 439168, 2446386; 439294, 2446357; 439544, 2446472; 439717, 2446433; 439938, 2446424; 440169, 2446491; 440304, 2446539; 440592, 2446529; 440736, 2446616; 440823, 2446635; 440890, 2446472; 440948, 2446375; 441227, 2446173; 441179, 2446097; 441102, 2446058; 440861, 2446106; 440669, 2446145; 440438, 2446231; 440275,

2446279; 440053, 2446251; 439851, 2446174; 439774, 2446049; 439842, 2445943; 440111, 2445828; 440582, 2445702; 440890, 2445654; 441169, 2445568; 441169, 2445462; 441246, 2445185; 441265, 2445173; 441265, 2445020; 441246, 2444808; 441246, 2444654; 441188, 2444529; 440861, 2444395; 440506, 2444328; 440227, 2444251; 440034, 2444030; 439928, 2443895; 439996, 2443760; 440121, 2443607; 440073, 2443482; 439851, 2443395; 439534, 2443376; 439101, 2443414; 438774, 2443482; 438351, 2443443; 438226, 2443367; 438206, 2443261; 438264, 2443155; 438437, 2443136; 438562, 2443107; 438668, 2443001; 438659, 2442905; 438476, 2442895; 438341, 2442886; 438389, 2442780; 438697, 2442616; 438813,

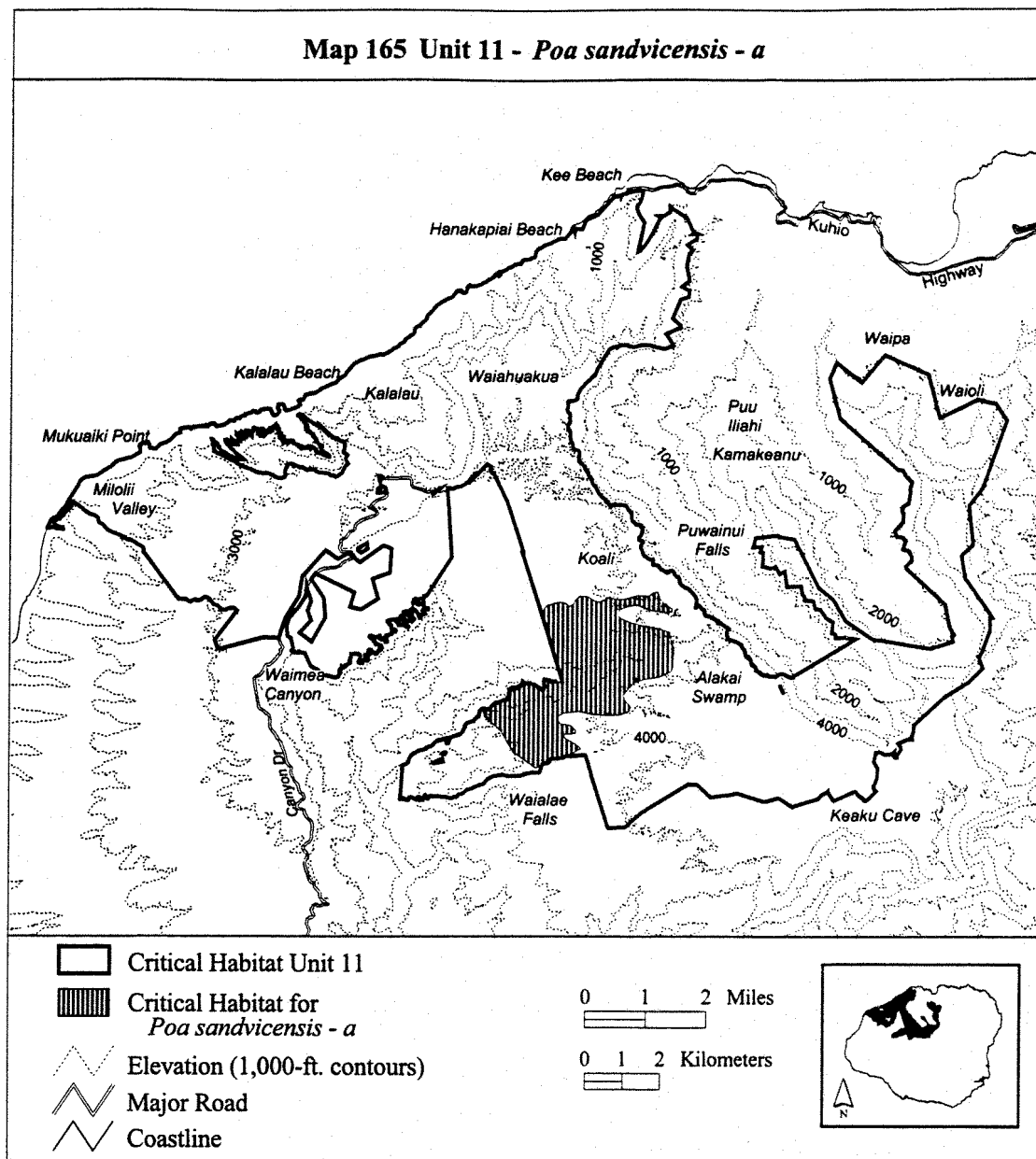
2442520; 438543, 2442357; 438226, 2442261; 438088, 2442240; 438065, 2442246; 438049, 2442246; 438030, 2442243; 438012, 2442229; 438000, 2442216; 437999, 2442211; 437937, 2442174; 437860, 2442155; 437754, 2442068; 437629, 2442001; 437283, 2442222; 437004, 2442443; 436687, 2442963; 436235, 2443367; 436198, 2443561; 436213, 2443563; 436227, 2443563; 436240, 2443562; 436254, 2443557; 436265, 2443552; 436274, 2443547; 436287, 2443540; 436300, 2443537; 436315, 2443532; 436328, 2443529; 436337, 2443528; 436348, 2443531; 436357, 2443536; 436369, 2443546; 436380, 2443558; 436392, 2443572; 436403, 2443585; 436421, 2443611; 436438, 2443631; 436460, 2443655; 436478, 2443676; 436497,

2443688; 436518, 2443696; 436534,  
2443700; 436558, 2443707; 436576,  
2443711; 436597, 2443714; 436611,  
2443716; 436630, 2443718; 436644,  
2443720; 436655, 2443724; 436666,  
2443731; 436678, 2443742; 436697,  
2443756; 436708, 2443763; 436726,  
2443769; 436745, 2443772; 436758,  
2443775; 436771, 2443776; 436788,  
2443776; 436799, 2443778; 436808,  
2443781; 436818, 2443785; 436823,  
2443786; 436829, 2443790; 436837,  
2443797; 436841, 2443801; 436845,  
2443807; 436852, 2443819; 436861,  
2443831; 436870, 2443847; 436882,  
2443863; 436890, 2443877; 436900,  
2443900; 436911, 2443923; 436914,  
2443936; 436914, 2443948; 436913,  
2443962; 436910, 2443981; 436908,  
2443995; 436908, 2444013; 436911,  
2444027; 436918, 2444040; 436926,  
2444047; 436933, 2444055; 436942,  
2444065; 436951, 2444073; 436961,

2444084; 436969, 2444094; 436975,  
2444098; 436983, 2444102; 436994,  
2444107; 437009, 2444108; 437026,  
2444105; 437049, 2444100; 437067,  
2444092; 437076, 2444089; 437106,  
2444090; 437119, 2444096; 437128,  
2444104; 437133, 2444112; 437137,  
2444122; 437144, 2444130; 437156,  
2444135; 437169, 2444141; 437183,  
2444150; 437191, 2444154; 437202,  
2444165; 437212, 2444177; 437228,  
2444198; 437239, 2444213; 437245,  
2444227; 437254, 2444239; 437263,  
2444246; 437278, 2444240; 437294,  
2444234; 437310, 2444225; 437332,  
2444217; 437351, 2444217; 437370,  
2444223; 437391, 2444223; 437412,  
2444226; 437428, 2444226; 437445,  
2444223; 437462, 2444219; 437482,  
2444211; 437497, 2444205; 437541,  
2444190; 437563, 2444183; 437578,  
2444179; 437593, 2444170; 437610,  
2444160; 437624, 2444146; 437636,

2444132; 437651, 2444119; 437671,  
2444112; 437691, 2444102; 437703,  
2444093; 437722, 2444082; 437732,  
2444069; 437749, 2444061; 437758,  
2444058; 437768, 2444060; 437780,  
2444066; 437810, 2444080; 437821,  
2444088; 437831, 2444100; 437833,  
2444111; 437835, 2444126; 437833,  
2444139; 437827, 2444163; 437822,  
2444185; 437820, 2444206; 437818,  
2444236; 437824, 2444265; 437828,  
2444292; 437836, 2444314; 437843,  
2444322; 437854, 2444327; 437871,  
2444328; 437887, 2444323; 437909,  
2444314; 437933, 2444302; 437960,  
2444289; 437984, 2444274; 438007,  
2444260; 438028, 2444258; 438048,  
2444258; 438072, 2444260; 438087,  
2444266; 438109, 2444271; 438133,  
2444273; 438164, 2444270; 438196,  
2444263; 438335, 2444214; return to  
starting point.

(B) **Note:** Map 165 follows:



(clxvi) Kauai 11—*Poa sandvicensis*—b  
(52 ha; 129 ac)

(A) Unit consists of the following 10  
boundary points: Start at 436055,

2451082; 435856, 2451368; 435690,  
2451778; 435398, 2452143; 435211,  
2452317; 435557, 2452588; 435790,  
2452218; 435961, 2452034; 436121,

2451531; 436275, 2451227; return to  
starting point.

(B) **Note:** Map 166 follows:

**Map 166 Unit 11 - *Poa sandvicensis* - b**

**Legend:**

- Critical Habitat Unit 11
- Critical Habitat for *Poa sandvicensis* - b
- Elevation (1,000-ft. contours)
- Major Road
- Coastline

**Scale:**

- 0 1 2 Miles
- 0 1 2 Kilometers

**Inset Map:**

North arrow pointing up.

(A) Unit consists of the following 227 boundary points: Start at 435318, 2449361; 435292, 2449379; 435269, 2449384; 435247, 2449385; 435234, 2449384; 435236, 2449347; 435272, 2448835; 434926, 2448514; 433562, 2447841; 433527, 2447856; 433396, 2447759; 433345, 2447734; 433014, 2447717; 433109, 2447775; 433094, 2447922; 432827, 2447751; 432878, 2447710; 432213, 2447675; 432081, 2447668; 432001, 2447726; 431942, 2447661; 431912, 2447659; 431752, 2448070; 431709, 2447946; 431586, 2447682; 431454, 2447418; 431304, 2447145; 431119, 2446952; 430635, 2447101; 430494, 2447093; 430327,

2448070; 427360, 2448281; 427360,  
2448404; 427360, 2448527; 427457,  
2448571; 427800, 2448633; 427967,  
2448650; 427932, 2448712; 428030,  
2448765; 428135, 2448800; 428126,  
2448862; 428038, 2448932; 428038,  
2448985; 428205, 2449073; 428363,  
2449038; 428399, 2449011; 428504,  
2448958; 428592, 2448967; 428601,  
2448932; 428645, 2448932; 428733,  
2449046; 428821, 2449073; 428989,  
2449055; 429112, 2449117; 429182,  
2449169; 429323, 2449161; 429350,  
2449178; 429314, 2449284; 429350,  
2449310; 429675, 2449345; 429790,  
2449398; 429878, 2449425; 430080,  
2449345; 430212, 2449328; 430354,  
2449452; 430355, 2449451; 430369,  
2449433; 430418, 2449395; 430437,

2449371; 430430, 2449364; 430451, 2449363; 430463, 2449355; 430474, 2449342; 430485, 2449333; 430527, 2449321; 430533, 2449310; 430545, 2449277; 430559, 2449254; 430604, 2449229; 430616, 2449214; 430623, 2449194; 430623, 2449173; 430616, 2449156; 430619, 2449138; 430629, 2449119; 430643, 2449106; 430677, 2449084; 430699, 2449074; 430717, 2449071; 430748, 2449070; 430773, 2449073; 430799, 2449081; 430825, 2449080; 430875, 2449032; 430881, 2449027; 430905, 2449022; 430921, 2449029; 430944, 2449045; 430958, 2449061; 430967, 2449077; 430984, 2449094; 431006, 2449097; 431020, 2449089; 431028, 2449064; 431024, 2449005; 431035, 2448975; 431050, 2448960; 431066, 2448956; 431086, 2448957; 431093, 2448962; 431116, 2448991; 431124, 2448994; 431134, 2448988; 431138, 2448981; 431147, 2448955; 431158, 2448950; 431170, 2448954; 431195, 2448966; 431208, 2448969; 431223, 2448964; 431228, 2448960; 431275, 2448914; 431290, 2448911; 431310, 2448912; 431339, 2448927; 431358, 2448923; 431376,

2448914; 431407, 2448903; 431463, 2448902; 431473, 2448899; 431479, 2448891; 431501, 2448872; 431538, 2448867; 431545, 2448867; 431567, 2448859; 431580, 2448844; 431596, 2448824; 431611, 2448789; 431609, 2448764; 431601, 2448750; 431600, 2448733; 431627, 2448682; 431636, 2448653; 431677, 2448576; 431702, 2448563; 431763, 2448526; 431788, 2448486; 431824, 2448430; 431830, 2448417; 431840, 2448395; 431847, 2448368; 432630, 2449144; 432749, 2449800; 433222, 2450264; 433345, 2450115; 433481, 2450031; 433526, 2449921; 433637, 2449927; 433624, 2450096; 434143, 2450303; 434279, 2450225; 434207, 2450160; 434331, 2450037; 434460, 2449992; 434590, 2449927; 434558, 2449797; 434635, 2449823; 434713, 2449765; 434707, 2449674; 434772, 2449609; 434849, 2449694; 435011, 2449713; 435148, 2449616; 435414, 2449661; 435666, 2449525; 435669, 2449472; 435664, 2449469; 435598, 2449429; 435576, 2449421; 435549, 2449426; 435517, 2449423; 435501, 2449420; 435469, 2449405; 435418, 2449387; 435390,

2449374; 435390, 2449374; 435368, 2449361; 435334, 2449356; 435319, 2449360; return to starting point.

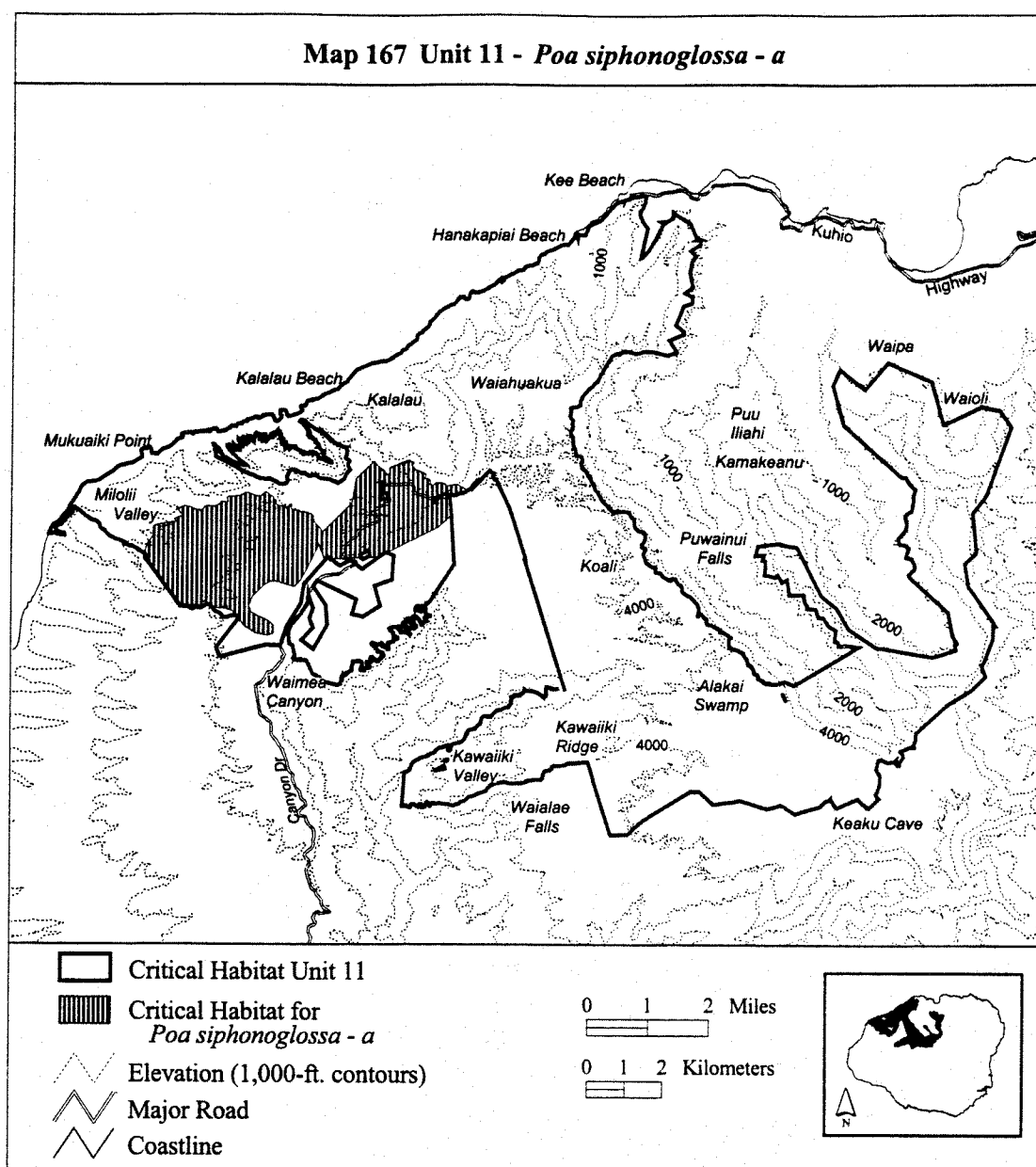
(B) Excluding 3 areas:

(1) Bounded by the following 10 points (3 ha, 8 ac): Start at 433368, 2449292; 433367, 2449352; 433448, 2449426; 433546, 2449412; 433567, 2449398; 433589, 2449323; 433612, 2449262; 433588, 2449244; 433567, 2449260; 433369, 2449255; return to starting point; and

(2) Bounded by the following 9 points (1 ha, 2 ac): Start at 433484, 2449703; 433480, 2449629; 433457, 2449622; 433440, 2449604; 433426, 2449556; 433419, 2449599; 433399, 2449709; 433436, 2449707; 433460, 2449707; return to starting point; and

(3) Bounded by the following 11 points (1 ha, 1 ac): Start at 434908, 2449290; 434890, 2449251; 434848, 2449239; 434839, 2449258; 434834, 2449277; 434833, 2449281; 434881, 2449297; 435011, 2449352; 435005, 2449310; 434948, 2449300; 434908, 2449290; return to starting point.

(C) **Note:** Map 167 follows:



(clxviii) Kauai 11—*Poa siphonoglossa*—  
b (2,190 ha; 5,411 ac)

(A) Unit consists of the following 372  
boundary points: Start at 439906,

2445836; 441198, 2445593; 441314,  
2445048; 441237, 2444601; 441237,  
2444504; 441186, 2444474; 441100,  
2444115; 441081, 2443396; 441256,  
2442501; 441334, 2441762; 440770,  
2441101; 440528, 2440844; 440464,  
2440832; 440113, 2440527; 440014,  
2440441; 440002, 2440430; 439931,  
2440426; 439832, 2440430; 439556,  
2440414; 439491, 2440617; 439088,  
2441871; 438934, 2442351; 438866,  
2442347; 438838, 2442340; 438821,  
2442339; 438757, 2442331; 438721,  
2442329; 438704, 2442326; 438694,  
2442327; 438679, 2442324; 438656,

2442321; 438626, 2442315; 438609,  
2442314; 438561, 2442316; 438536,  
2442314; 438535, 2442314; 438523,  
2442310; 438517, 2442310; 438496,  
2442310; 438460, 2442320; 438453,  
2442321; 438436, 2442321; 438433,  
2442319; 438418, 2442311; 438392,  
2442294; 438376, 2442278; 438373,  
2442277; 438355, 2442265; 438305,  
2442256; 438254, 2442248; 438238,  
2442248; 438219, 2442244; 438157,  
2442234; 438130, 2442234; 438114,  
2442232; 438098, 2442237; 438095,  
2442238; 438065, 2442246; 438049,  
2442246; 438030, 2442243; 438012,  
2442229; 438000, 2442216; 437998,  
2442205; 437998, 2442202; 437996,  
2442188; 437984, 2442167; 437973,  
2442147; 437954, 2442136; 437939,

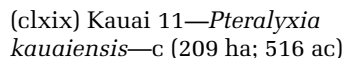
2442128; 437926, 2442125; 437912,  
2442123; 437873, 2442121; 437839,  
2442110; 437826, 2442106; 437806,  
2442092; 437799, 2442084; 437791,  
2442074; 437777, 2442052; 437766,  
2442017; 437758, 2441998; 437754,  
2441991; 437751, 2441981; 437745,  
2441950; 437740, 2441938; 437736,  
2441928; 437717, 2441899; 437711,  
2441887; 437705, 2441878; 437689,  
2441877; 437674, 2441875; 437647,  
2441866; 437635, 2441866; 437617,  
2441866; 437602, 2441867; 437566,  
2441876; 437532, 2441880; 437522,  
2441879; 437495, 2441869; 437460,  
2441862; 437432, 2441860; 437391,  
2441858; 437366, 2441852; 437346,  
2441845; 437332, 2441842; 437317,  
2441835; 437287, 2441816; 437274,

2441809; 437240, 2441796; 437224,  
2441791; 437181, 2441781; 437150,  
2441777; 437111, 2441777; 437096,  
2441779; 437062, 2441776; 437008,  
2441775; 436960, 2441776; 436912,  
2441780; 436895, 2441784; 436825,  
2441795; 436815, 2441798; 436852,  
2441813; 436924, 2441863; 436993,  
2441942; 437047, 2442023; 437118,  
2442056; 437171, 2442113; 437171,  
2442160; 437157, 2442174; 437141,  
2442230; 437152, 2442320; 437149,  
2442340; 436951, 2442456; 436868,  
2442470; 436852, 2442472; 436744,  
2442467; 436670, 2442497; 436670,  
2442552; 436772, 2442671; 436792,  
2442676; 436802, 2442716; 436797,  
2442862; 436782, 2442872; 436607,  
2443105; 436238, 2443377; 436257,  
2443513; 436291, 2443539; 436300,  
2443537; 436315, 2443532; 436328,  
2443529; 436337, 2443528; 436348,  
2443531; 436357, 2443536; 436369,  
2443546; 436380, 2443558; 436392,  
2443572; 436403, 2443585; 436421,  
2443611; 436438, 2443631; 436460,  
2443655; 436478, 2443676; 436497,  
2443688; 436518, 2443696; 436534,  
2443700; 436558, 2443707; 436576,  
2443711; 436597, 2443714; 436611,  
2443716; 436630, 2443718; 436644,  
2443720; 436655, 2443724; 436666,  
2443731; 436678, 2443742; 436697,  
2443756; 436708, 2443763; 436726,  
2443769; 436745, 2443772; 436758,  
2443775; 436768, 2443775; 436771,  
2443776; 436788, 2443776; 436799,  
2443778; 436808, 2443781; 436818,  
2443785; 436823, 2443786; 436829,  
2443790; 436837, 2443797; 436841,  
2443801; 436845, 2443807; 436852,  
2443819; 436861, 2443831; 436870,  
2443847; 436882, 2443863; 436890,  
2443877; 436900, 2443900; 436911,  
2443923; 436914, 2443936; 436914,

2443948; 436913, 2443962; 436910,  
2443981; 436908, 2443995; 436908,  
2444013; 436908, 2444013; 436911,  
2444027; 436918, 2444040; 436926,  
2444047; 436933, 2444055; 436942,  
2444065; 436943, 2444066; 436951,  
2444073; 436961, 2444084; 436969,  
2444094; 436975, 2444098; 436983,  
2444102; 436994, 2444107; 437009,  
2444108; 437026, 2444105; 437049,  
2444100; 437067, 2444092; 437076,  
2444089; 437106, 2444090; 437119,  
2444096; 437128, 2444104; 437133,  
2444112; 437137, 2444122; 437144,  
2444130; 437156, 2444135; 437169,  
2444141; 437183, 2444150; 437191,  
2444154; 437202, 2444165; 437212,  
2444177; 437228, 2444198; 437239,  
2444213; 437239, 2444213; 437245,  
2444227; 437254, 2444239; 437263,  
2444246; 437278, 2444240; 437294,  
2444234; 437310, 2444225; 437332,  
2444217; 437351, 2444217; 437370,  
2444223; 437391, 2444223; 437412,  
2444226; 437428, 2444226; 437445,  
2444223; 437462, 2444219; 437482,  
2444211; 437497, 2444205; 437541,  
2444190; 437563, 2444183; 437578,  
2444179; 437592, 2444171; 437593,  
2444170; 437610, 2444160; 437624,  
2444146; 437636, 2444132; 437651,  
2444119; 437671, 2444112; 437691,  
2444102; 437703, 2444093; 437722,  
2444082; 437732, 2444069; 437749,  
2444061; 437758, 2444058; 437768,  
2444060; 437780, 2444066; 437810,  
2444080; 437821, 2444088; 437831,  
2444100; 437833, 2444111; 437835,  
2444126; 437833, 2444139; 437827,  
2444163; 437822, 2444185; 437820,  
2444206; 437819, 2444215; 437818,  
2444236; 437824, 2444265; 437828,  
2444292; 437836, 2444314; 437843,  
2444322; 437854, 2444327; 437871,  
2444328; 437887, 2444323; 437909,

2444314; 437933, 2444302; 437960,  
2444289; 437963, 2444287; 437984,  
2444274; 438007, 2444260; 438028,  
2444258; 438048, 2444258; 438072,  
2444260; 438087, 2444266; 438109,  
2444271; 438133, 2444273; 438164,  
2444270; 438196, 2444263; 438335,  
2444214; 438318, 2444268; 438317,  
2444269; 438316, 2444271; 438316,  
2444271; 438316, 2444271; 437232,  
2447645; 437248, 2447657; 437230,  
2447713; 437833, 2447791; 438864,  
2447868; 438891, 2447799; 438900,  
2447794; 438924, 2447717; 438940,  
2447677; 439038, 2447573; 439215,  
2447563; 439278, 2447580; 439290,  
2447559; 439330, 2447557; 439285,  
2447522; 439249, 2447443; 439141,  
2447346; 439178, 2447298; 439205,  
2447282; 439258, 2447293; 439325,  
2447367; 439345, 2447472; 439510,  
2447528; 439527, 2447477; 439609,  
2447524; 439777, 2447545; 439837,  
2447502; 439853, 2447479; 439856,  
2447479; 439797, 2447304; 439773,  
2447296; 439791, 2447275; 439776,  
2447216; 439557, 2447183; 439528,  
2447125; 439795, 2447081; 439817,  
2447082; 439817, 2447077; 439856,  
2447071; 439910, 2447092; 439910,  
2447123; 440014, 2447134; 440072,  
2447154; 440108, 2447168; 440110,  
2447167; 440144, 2447179; 440141,  
2447143; 440146, 2447140; 440234,  
2447108; 440263, 2447052; 440170,  
2447045; 440174, 2446941; 440148,  
2446878; 440115, 2446879; 440108,  
2446857; 439975, 2446650; 439979,  
2446414; 440303, 2446507; 440653,  
2446507; 440848, 2446623; 441003,  
2446351; 441217, 2446195; 441178,  
2446059; 439894, 2446138; 439903,  
2446071; 439927, 2445971; return to  
starting point.

(B) **Note:** Map 168 follows:

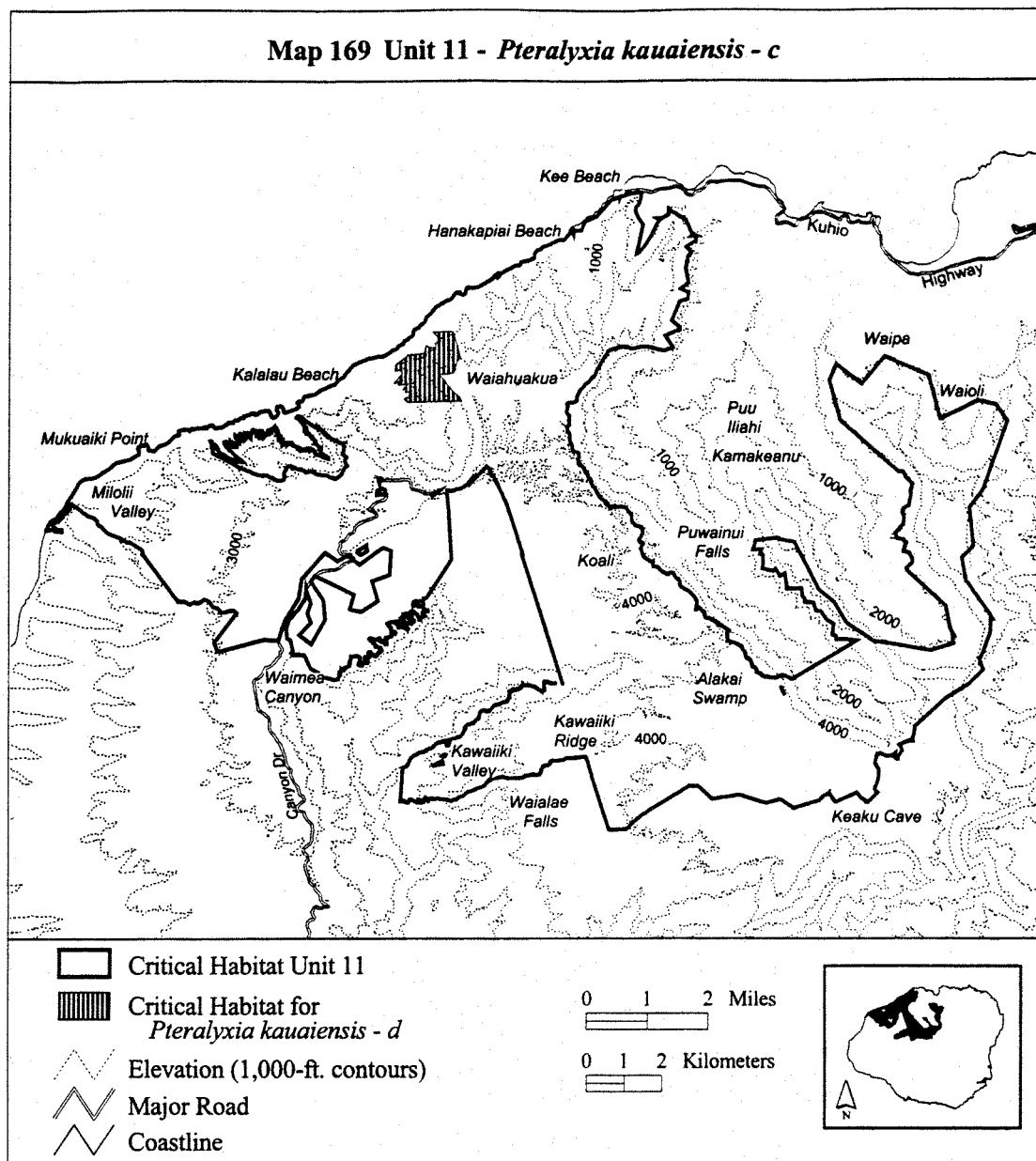


2452126; 435419, 2451974; 435551,  
2451852; 435592, 2451741; 434183,  
2451701; 434102, 2451792; 434264,  
2451873; 434213, 2451893; 434254,  
2451984; 434112, 2451984; 434163,  
2452065; 434051, 2452045; 434173,  
2452187; 433940, 2452157; 433940,  
2452248; 433828, 2452207; 433940,  
2452339; 434041, 2452481; 433960,  
2452582; 433838, 2452531; 433858,

2452693; 434051, 2452845; 434193,  
2452966; 434517, 2452997; 434629,  
2453017; 434669, 2453219; 434781,  
2453169; 434933, 2453169; 434912,  
2453280; 434983, 2453320; 434994,  
2453452; 434872, 2453584; 435186,  
2453594; 435379, 2453594; return to  
starting point.

(B) **Note:** Map 169 follows:





(clxx) Kauai 11—*Pteralyxia kauaiensis*—d (57 ha; 141 ac)

(A) Unit consists of the following 15 boundary points: Start at 427428,

2447329; 429224, 2446536; 429347, 2446394; 428978, 2446451; 428955, 2446435; 428904, 2446474; 428793, 2446542; 428740, 2446564; 428655, 2446474; 428602, 2446447; 428476,

2446463; 428396, 2446447; 428285, 2446458; 428116, 2446474; 428047, 2446484; return to starting point.

(B) **Note:** Map 170 follows:

