

*Unit 7. Shadrock Ferry Road in Franklin County, Kentucky*

This unit is located along the north side of Shadrock Ferry Road (KY Highway 898). Property at this location is in private ownership. This unit is approximately 15 ha (37 ac) in size. Plants were first observed at this site in 1996. In 2001, more than 100 plants were found on the south-facing slope.

*Unit 8. Hoover Site in Franklin County, Kentucky*

This unit lies northwest of the City of Frankfort, along the west side of the Kentucky River on slopes bordering two unnamed tributaries. Plants are widely scattered in small groups along the Kentucky River bluff from river kilometer (km) 98.6 to 101.7 (river mile 61.3 to 63.2). This unit is in private ownership and contains approximately 83 ha (205 ac). The plants were first observed in 1990. In 1996, more than 200 plants were found.

*Unit 9. Longs Ravine Site in Franklin County, Kentucky*

Unit 9 is located north of the City of Frankfort and Lewis Ferry Road. This unit lies east of the Kentucky River in a large ravine and along the steep slopes above the river. This unit is privately owned. There are approximately 30 ha (74 ac) in this unit. In 1990, more than 250 plants were found on the northeast, southwest, and northwest-facing slopes.

*Unit 10. Strohmeiers Hill in Franklin County, Kentucky*

This unit is located south of the Town of Swallowfield and adjacent to Strohmeier Road and U.S. 127. It occurs on steep slopes on the south side of Elkhorn Creek and on the east bank of the Kentucky River, south of the confluence with Elkhorn Creek. The plants at this site were first observed in 1930. The property is privately owned. The site is approximately 20 ha (49 ac) in size. In 1994, the site contained more than 200 flowering plants. The plants were exceptionally vigorous and occurred throughout a large area, making this one of the best populations of *Arabis perstellata* in Kentucky.

*Unit 11. U.S. 127 in Franklin County, Kentucky*

Unit 11 is located along the east side of U.S. 127 in a ravine just southeast of Elkhorn Creek. This privately owned site is approximately 11 ha (27 ac) in size. The plants were first observed in 2001, at which time approximately 100 plants were found on the west-facing slope.

*Unit 12. Camp Pleasant Branch Woods in Franklin County, Kentucky*

Unit 12 is located along the south side of Camp Pleasant Road (KY Highway 1707). This site is privately owned and contains approximately 14 ha (35 ac). The first observance of plants at this site was in 1987. In 2001, more than 100 plants were found along the lower northwest-facing slope. Plants at this site are threatened by competition from weeds.

*Unit 13. Saufley in Franklin County, Kentucky*

Unit 13 occurs west of the KY Highway 1900 bridge over Elkhorn Creek on the hillside above the creek. The land ownership for this unit is private. The site is approximately 8 ha (20 ac) in size. Plants were first observed in 1988. In 1996, more than 100 plants were found along the top of the ridge on the northeast-facing slope.

*Unit 14. Clements Bluff in Owen County, Kentucky*

This unit is located in a ravine facing the Kentucky River along the east side of KY Highway 355. The site is owned by the State of Kentucky and is part of the Kentucky River Wildlife Management Area. This unit is approximately 11 ha (27 ac) in size. The plants were first observed at this site in 1980 on the north-facing slope. In 1996, approximately 100 plants occurred at the site.

*Unit 15. Monterey U.S. 127 in Owen County, Kentucky*

Unit 15 is located 1.6 km (1 mile) north of the City of Monterey, just north of the junction of U.S. 127 and KY Highway 355. The property is privately owned and is approximately 12 ha (30 ac) in size. Plants were first observed at this site in 1996. In 1997, 150 plants were found along the southwest-facing slope of an unnamed tributary to the Kentucky River. The site is being threatened by weedy competition.

*Unit 16. Craddock Bottom in Owen County, Kentucky*

This unit is located south of the City of Monterey. It occurs along the west side of Old Frankfort Pike on the west-facing slope just east of Craddock Bottom. Property at this site is privately owned and contains approximately 23 ha (57 ac). In 1996, over 150 plants were found. In 1996, there was evidence of logging in the surrounding area.

*Unit 17. Backbone North in Franklin County, Kentucky*

Unit 17 is located north of KY Highway 1900. It occurs in an old river

oxbow west of the existing Elkhorn Creek and is privately owned. The unit size is approximately 11 ha (27 ac). Plants were first observed at this site in 1981. In 1990, more than 200 plants were found on the southeast facing slope.

*Unit 18. Scales Mountain in Rutherford County, Tennessee*

This unit is located west of the City of Murfreesboro on Scales Mountain, 1.6 km (1 mile) south of Highway 96. The site is privately owned and is 36 ha (89 ac) in size. Plants were first observed at this site in 1985. In 2000, more than 100 plants were found on the north-facing slope. The primary threat to this site is competition from weeds.

*Unit 19. Sophie Hill in Rutherford County, Tennessee*

Unit 19 is located west of the City of Murfreesboro on Sophie Hill, which lies between Newman and Coleman Hill Roads. The property at this site is privately owned. The unit is approximately 16 ha (40 ac) in size. The first observance of *Arabis perstellata* on this site was in 1991. In 2000, more than 200 plants were found on the northwest side of Sophie Hill.

*Unit 20. Indian Mountain in Rutherford County, Tennessee*

Unit 20 is located west of the City of Murfreesboro on Indian Mountain between Highway 96 and Coleman Hill Road. This site is privately owned. The unit size is approximately 28 ha (69 ac). In 2000, over 2,600 plants were found. This is the best site for *Arabis perstellata* in Tennessee. Logging appears to be the biggest threat to this exceptional site.

## Effects of Critical Habitat Designation

### ESA Section 7 Consultation

The regulatory effects of a critical habitat designation under the Act are triggered through the provisions of section 7, which applies only to activities conducted, authorized, or funded by a Federal agency (Federal actions). Regulations implementing this interagency cooperation provision of the Act are codified at 50 CFR 402. Individuals, organizations, States, local governments, and other non-Federal entities are not affected by the designation of critical habitat unless their actions occur on Federal lands, require Federal authorization, or involve Federal funding.

Section 7(a)(2) of the Act requires Federal agencies, including us, to insure that their actions are not likely to jeopardize the continued existence of a listed species or result in the