

THE LEWIS & CLARK MULTI- USE TRAIL PLAN



*Project &
Steering
Committee's
Traveling
Workshop and
Survey Results*

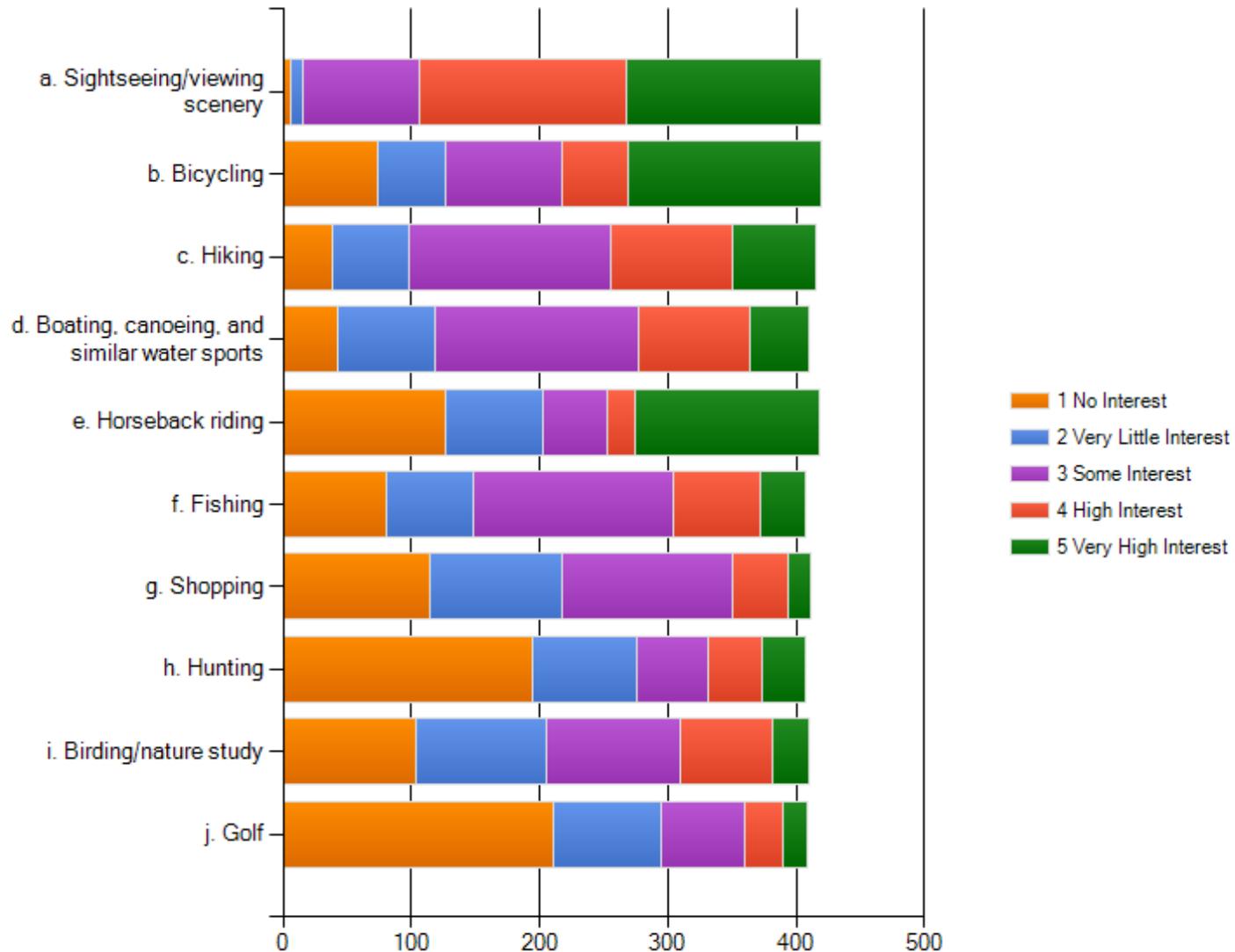
August 26, 2009



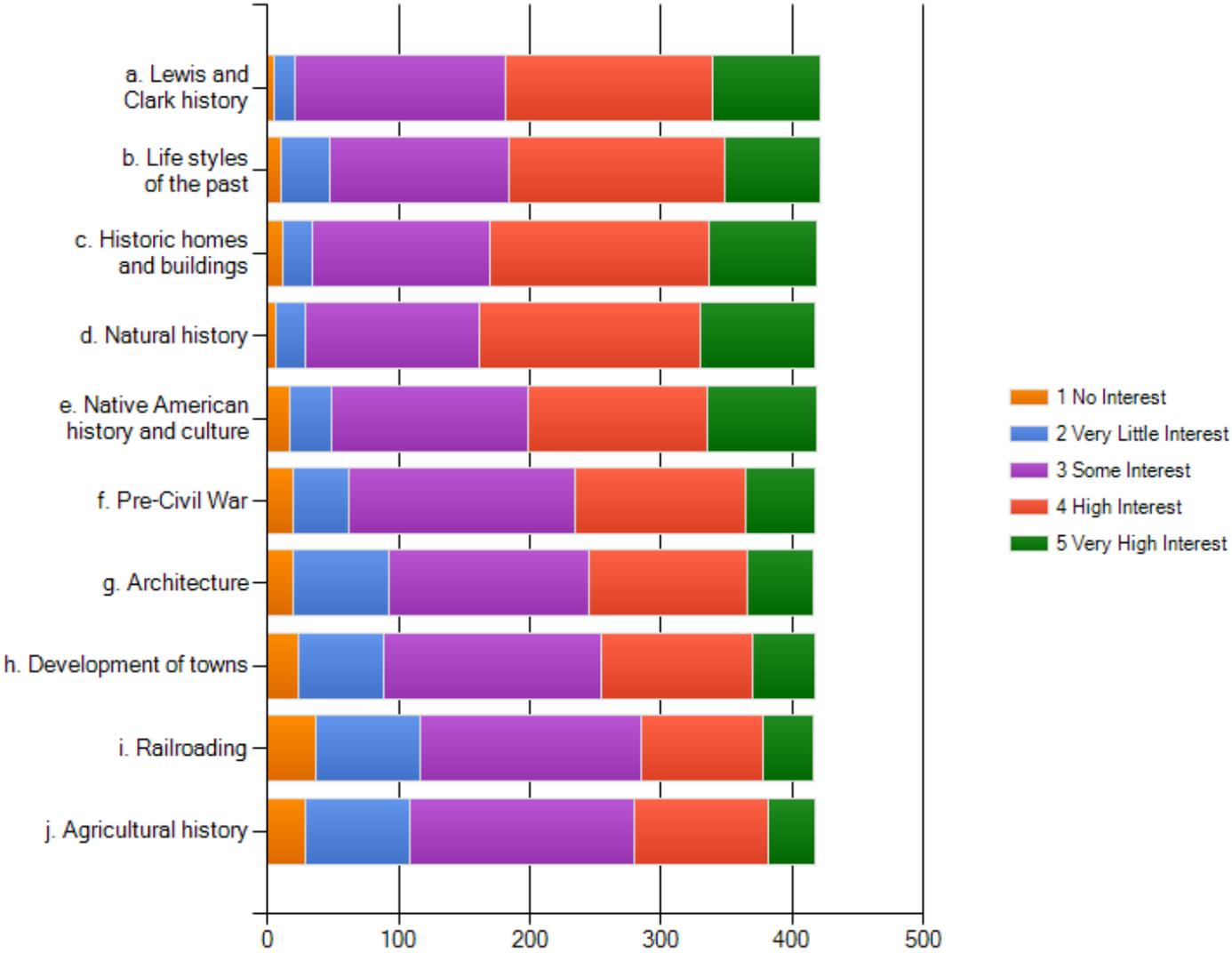
Lewis and Clark Trail Survey

- *Linked on Iowa DOT website*
- *07/10/2009*
- *429 survey respondents as of*
08/20/2009
- *Continues to accept new*

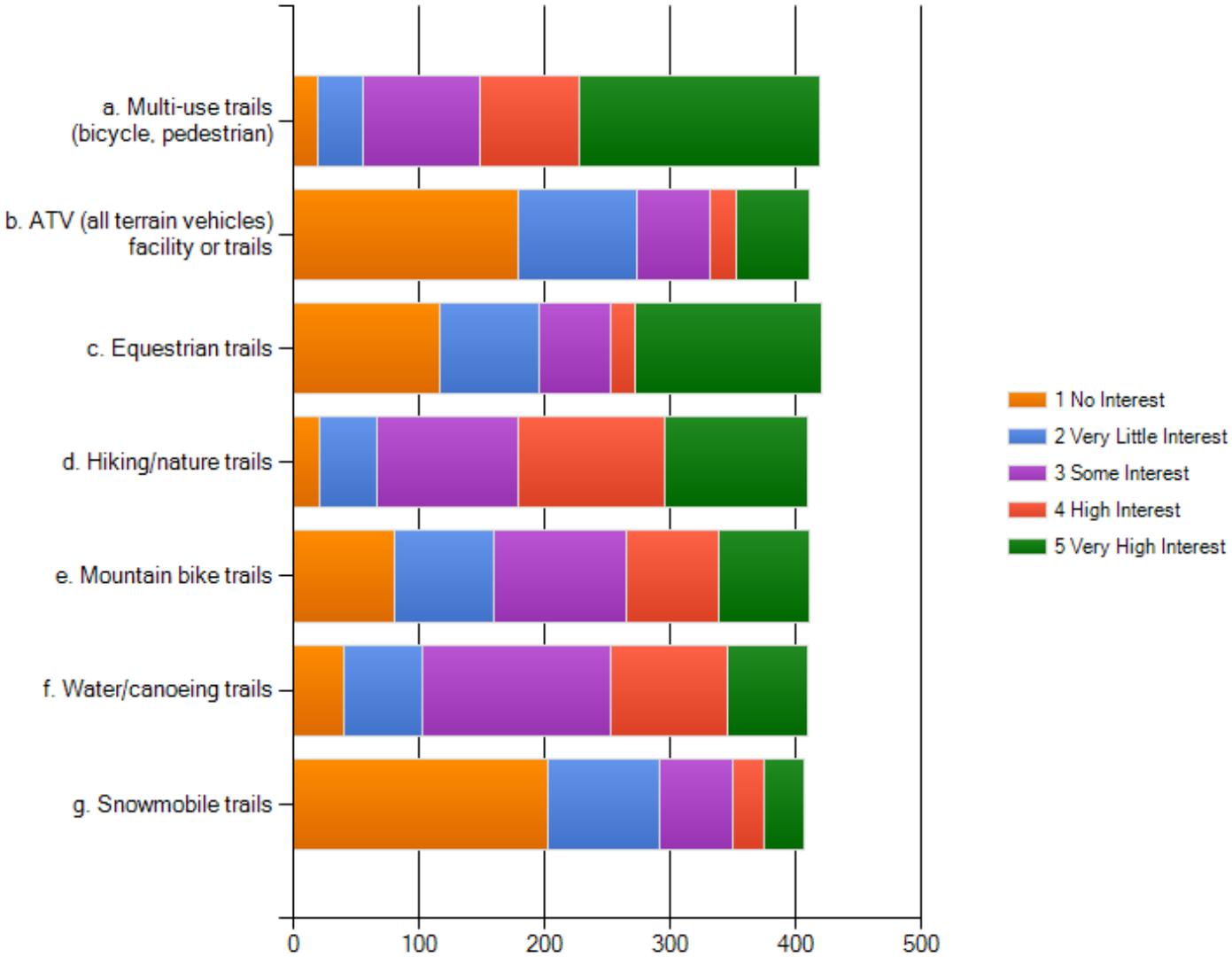
Question #1: Please rate the following recreational activities according to your level of interest.



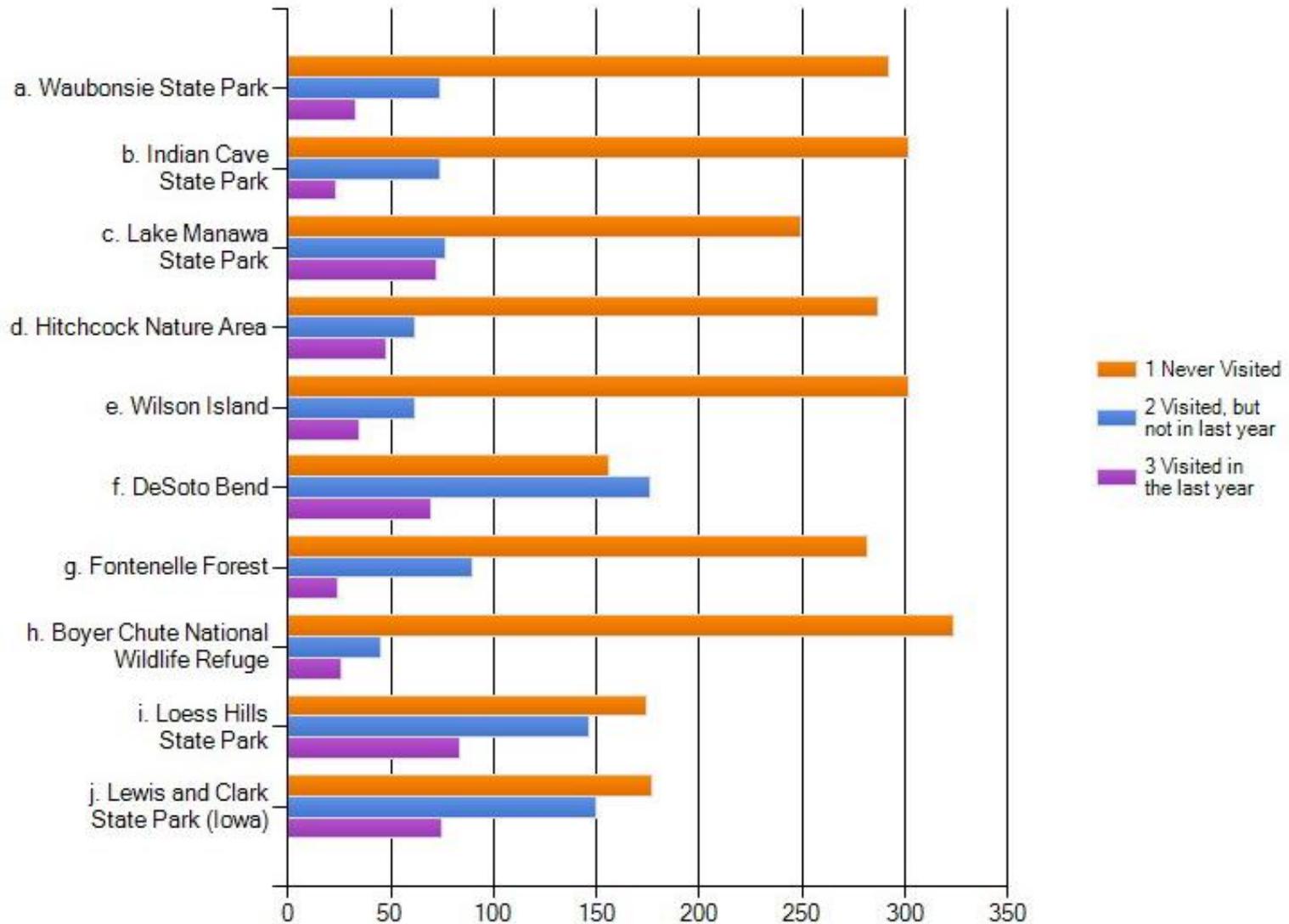
Question #2: Please rate the following historical and cultural areas according to your level of interest.



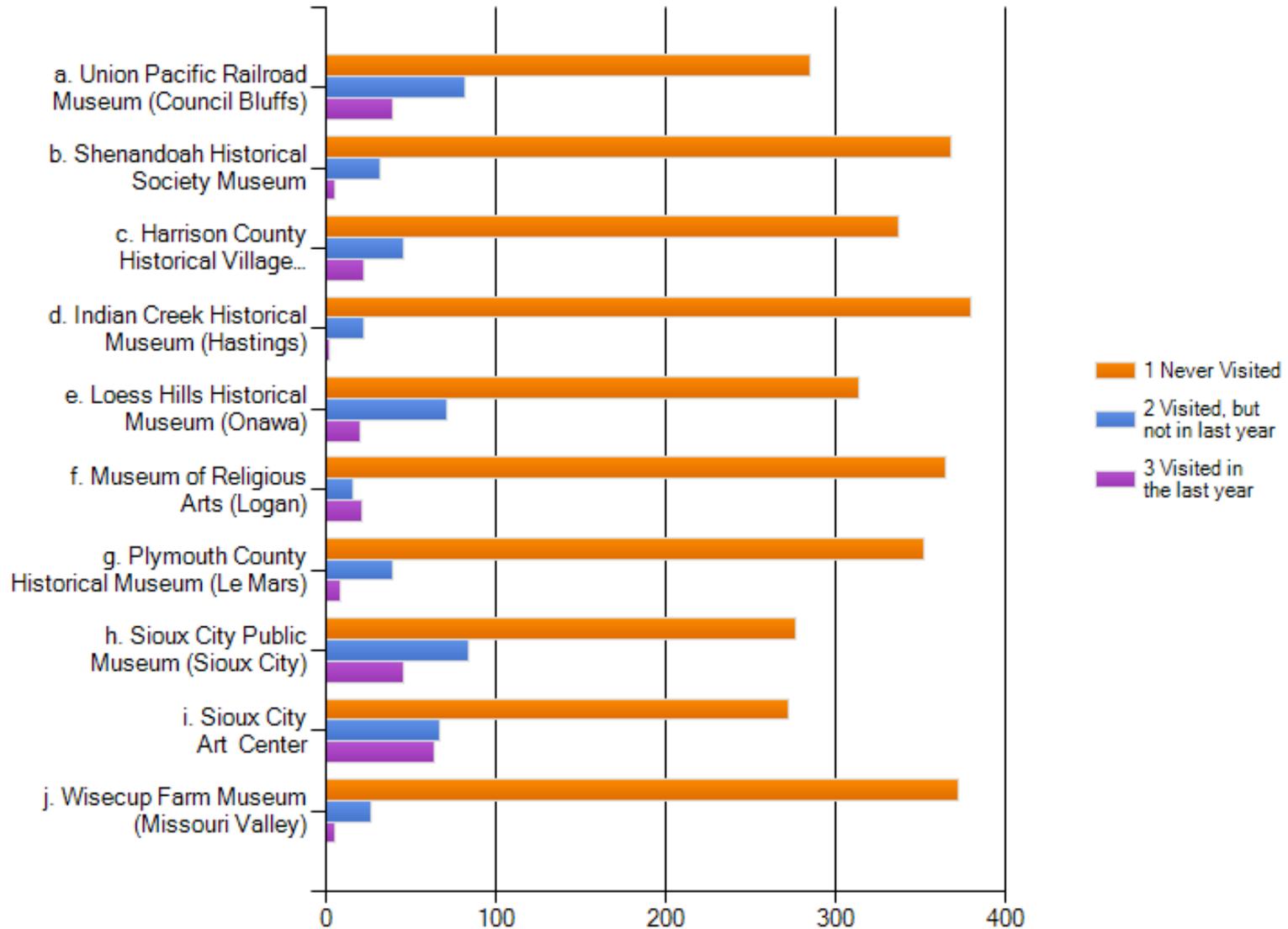
Question #3: Please rate your interest in each of the following types of trail facilities.



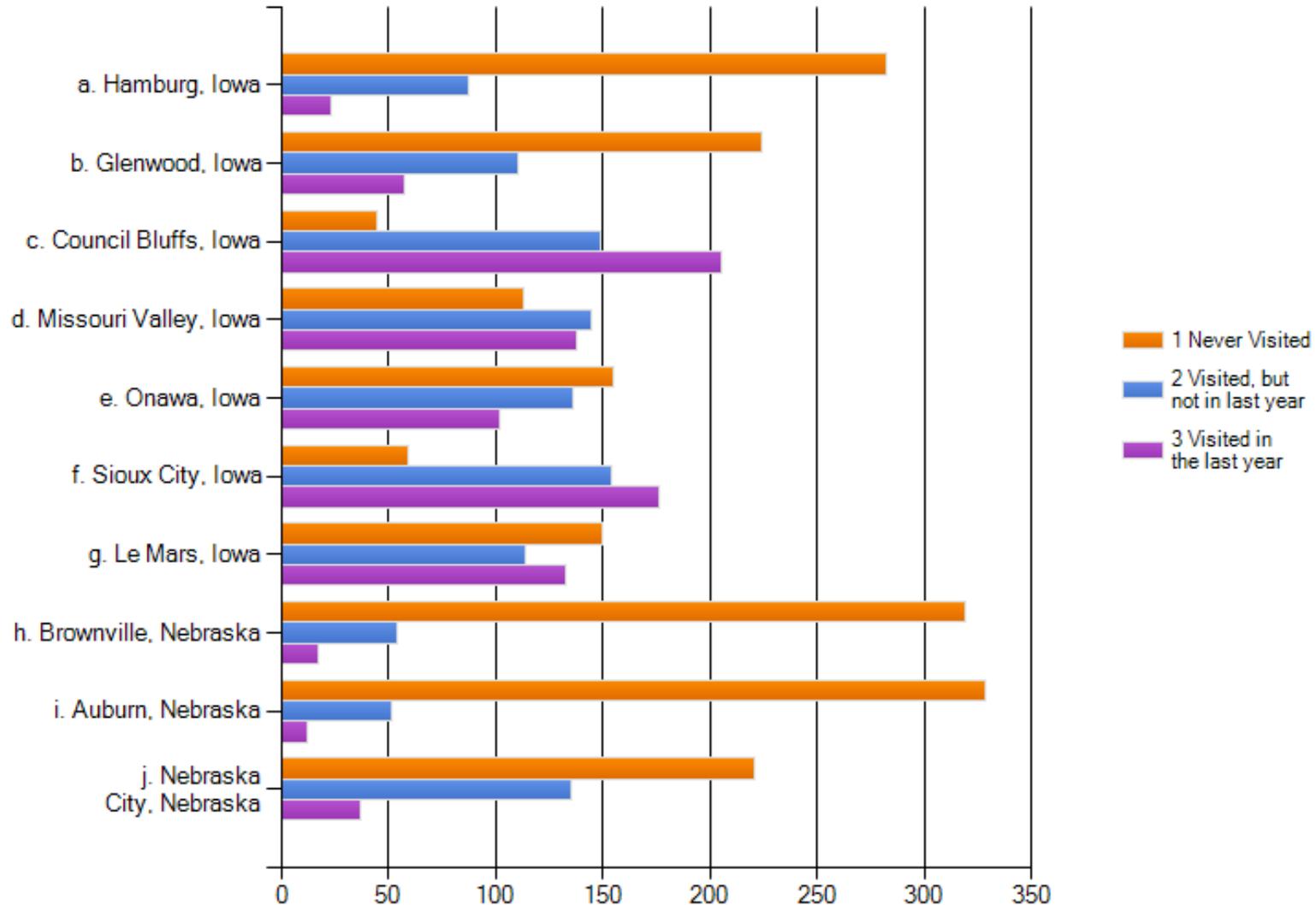
Question #4: Which of the following attractions have you visited or used?



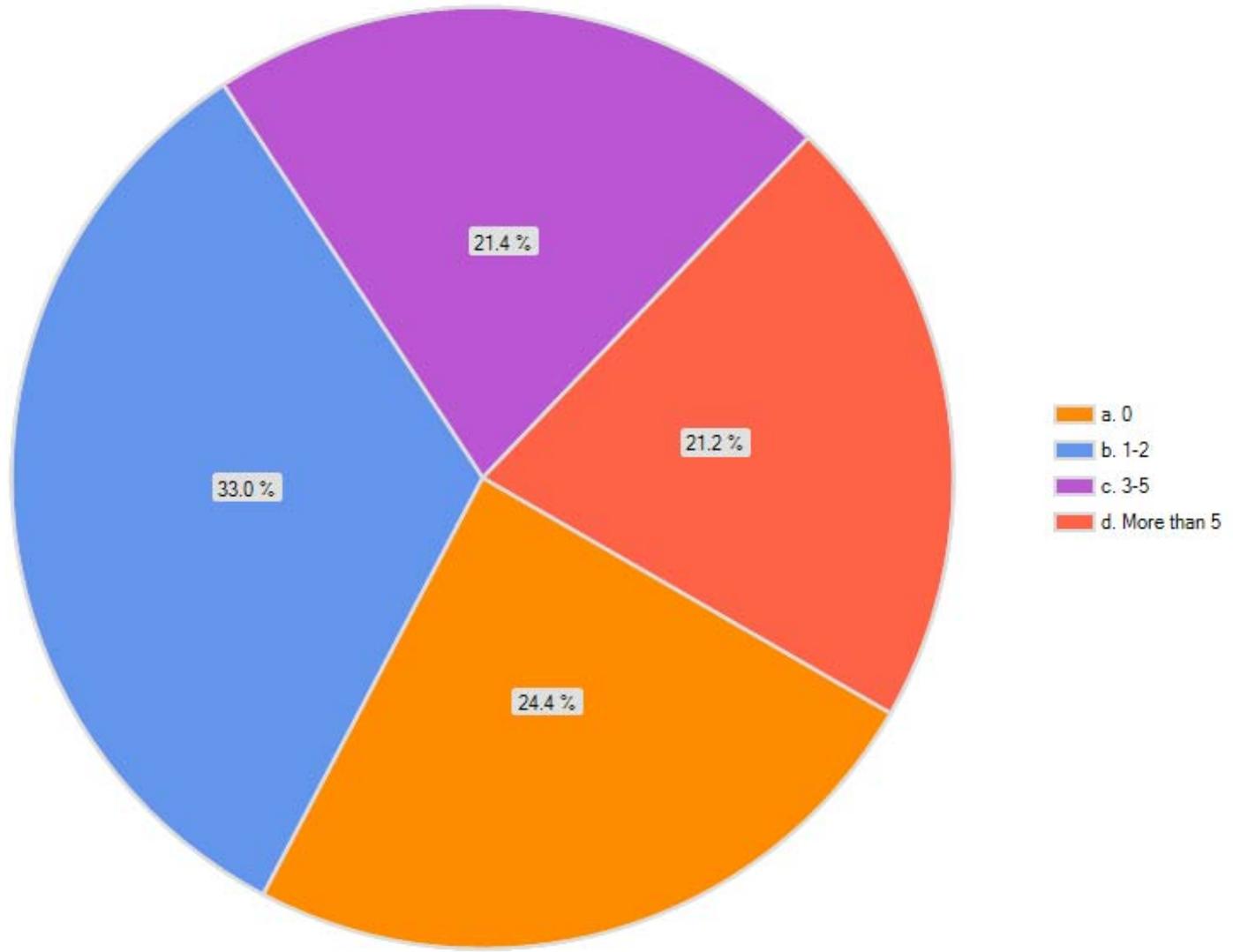
Question #5: Which of the following museums have you visited?



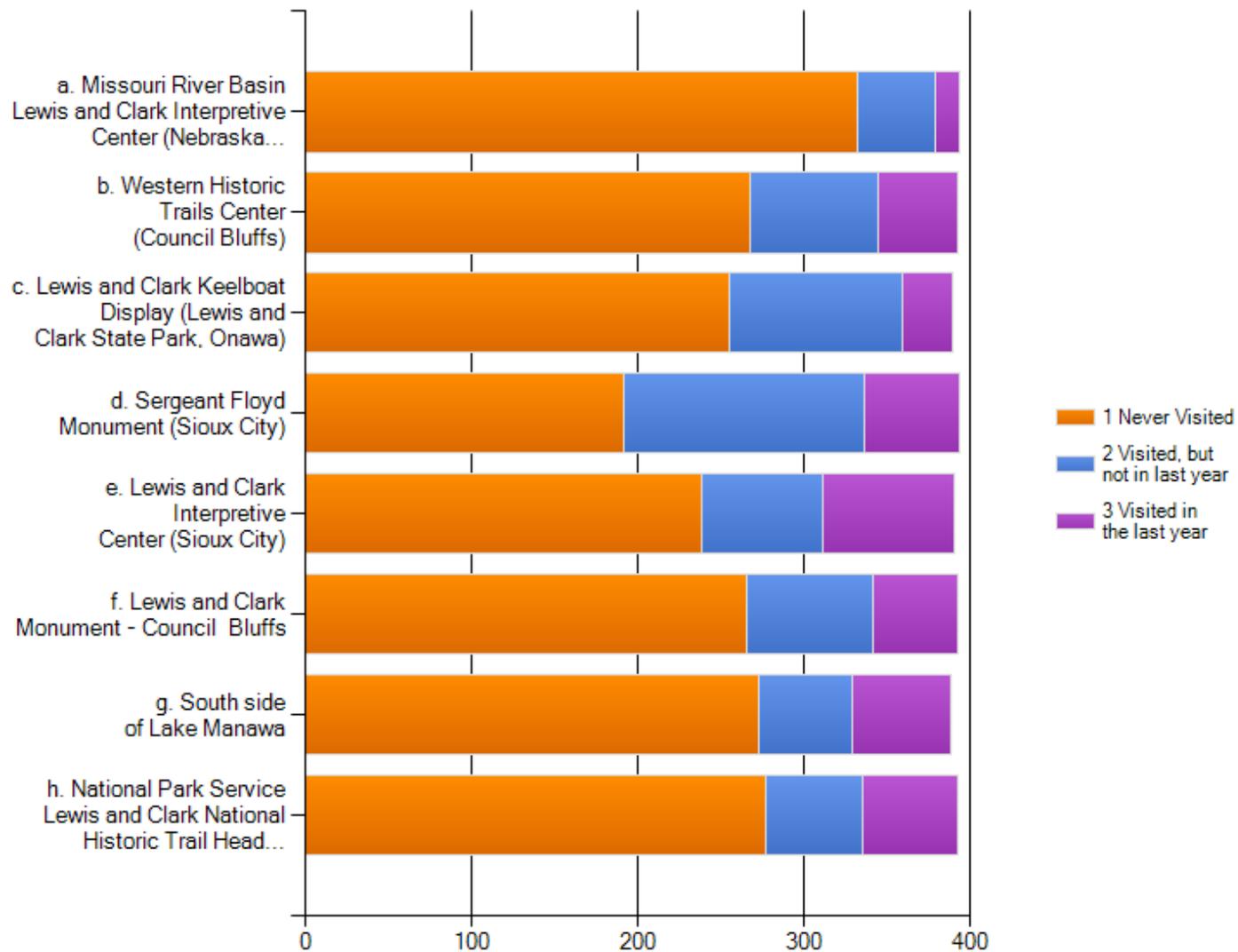
Question #6: Which of the following towns and cities (not your hometown) have you visited for recreation or leisure?



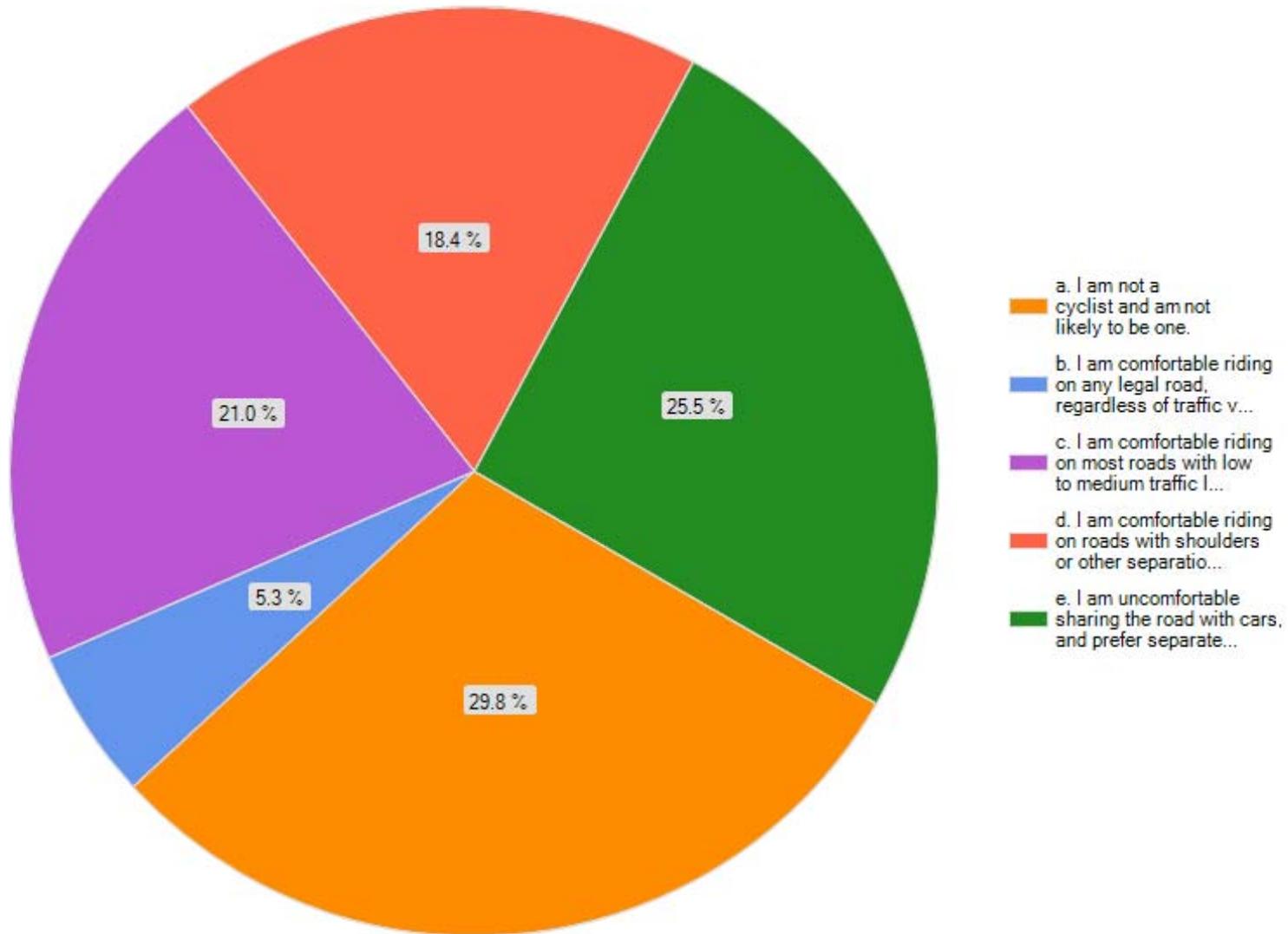
Question #7: During the last year, how many times have you traveled in or visited destinations outside of your hometown in the Lewis and Clark Trail study area for pleasure and/or recreation?



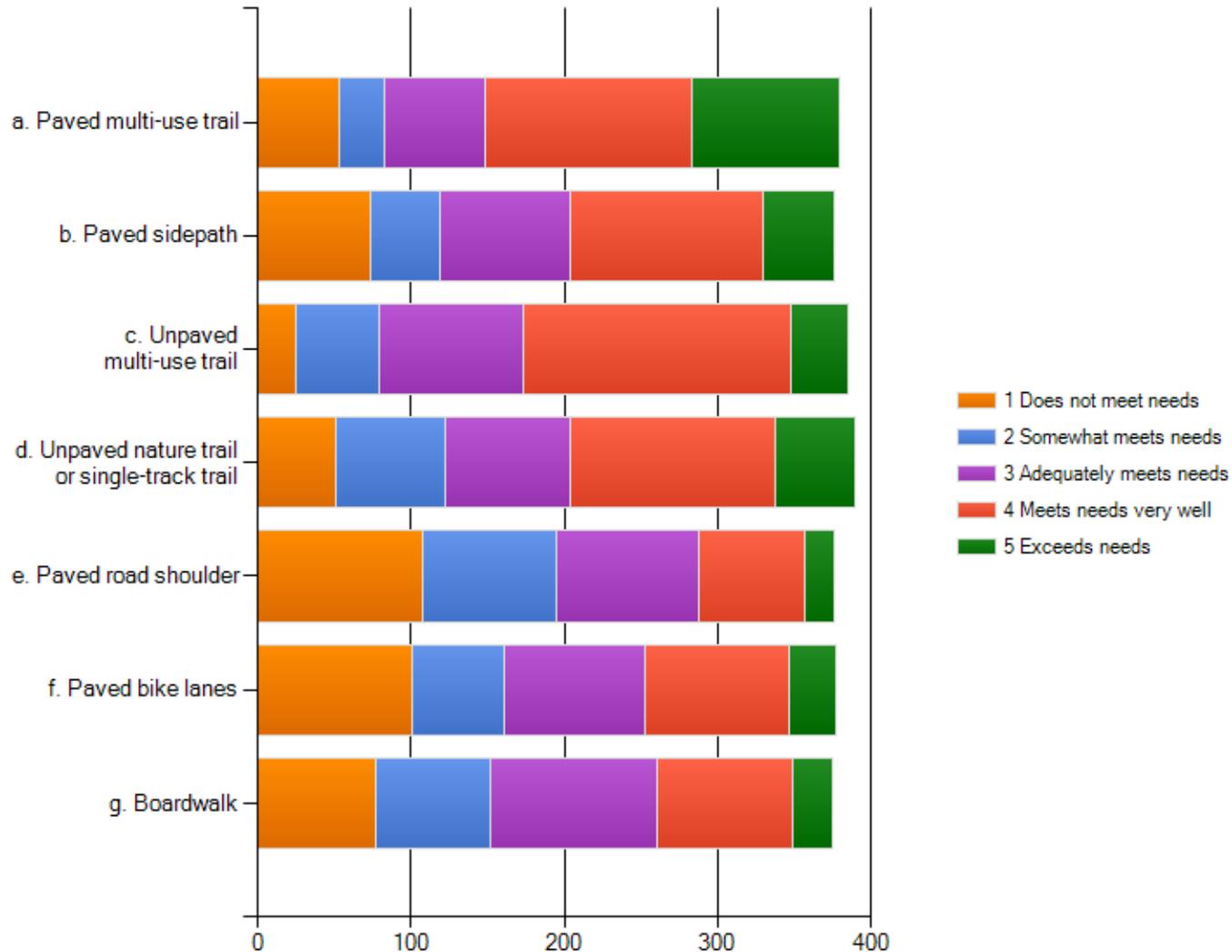
Question #8: Which of the following Lewis and Clark-related museums or facilities have you visited?



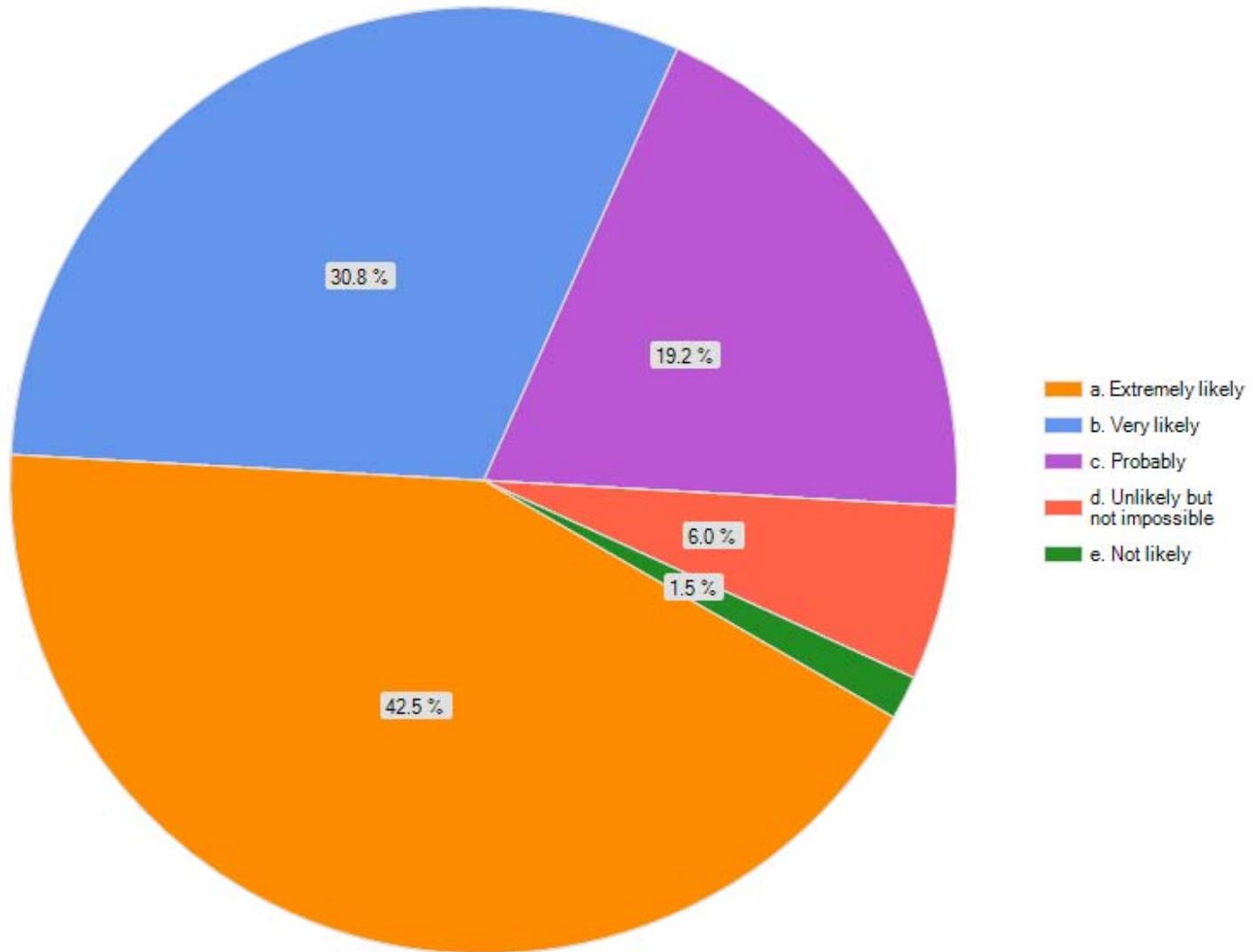
Question #9: If you are a bicyclist, which of the following best describes you?



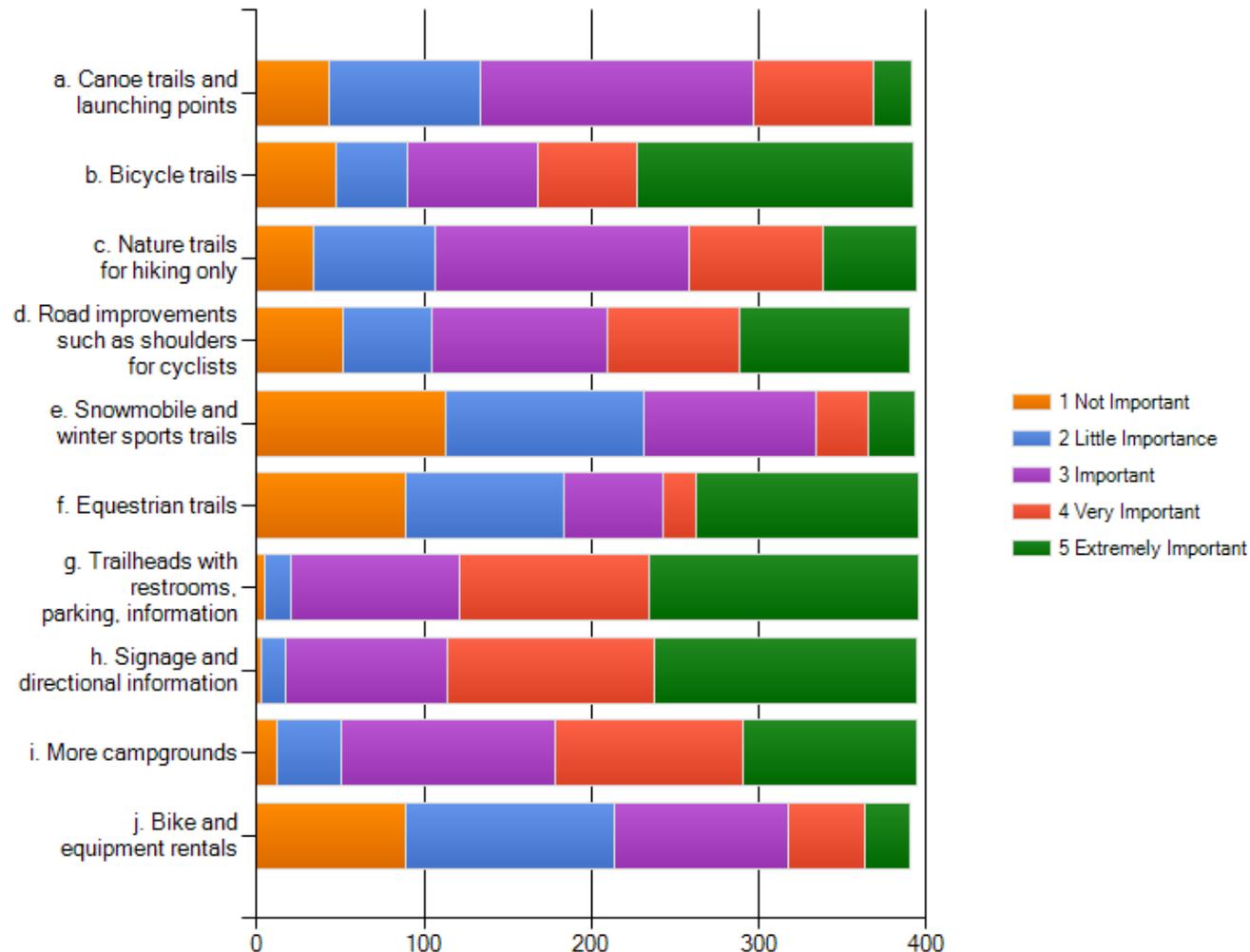
Question #10: As a potential Lewis and Clark trail user, please rate how well each of the facilities illustrated here meets your needs as a pedestrian or cyclist



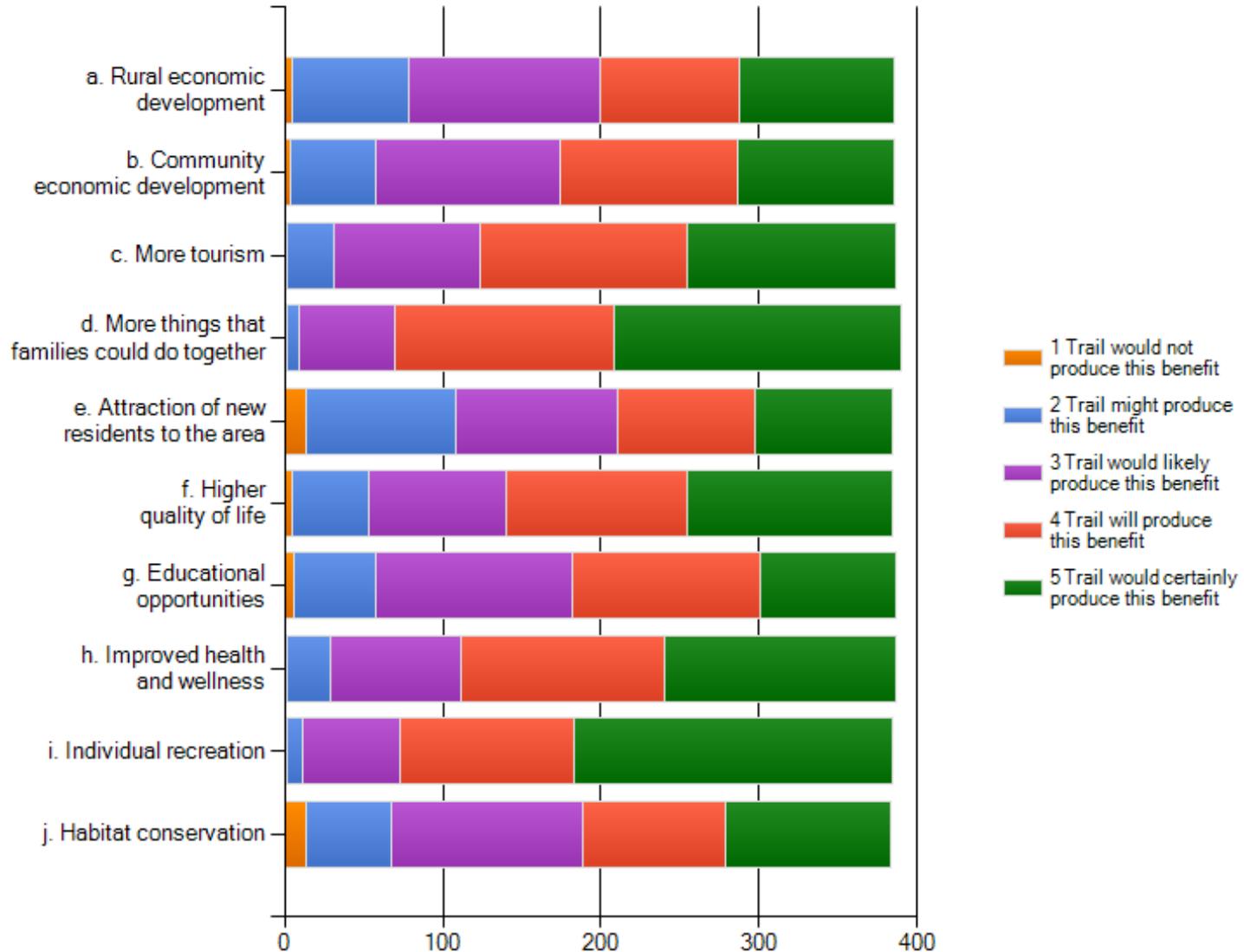
Question #11: If a trail through the Lewis and Clark country between Hamburg and Sioux City were developed, how likely would you use it?



Question #12: Developing a recreational trail network for the Lewis and Clark/Loess Hills country may require many kinds of supporting features. Please rate how important you consider each of the following possible recommendations for such a network:



Question #13: What do you think could be the primary benefits of a Lewis and Clark multi-use trail system?



Question #14: Do you know of a particularly beautiful route that should be included in the Lewis and Clark Trail Network?

- Wabash Trace *
- Tyson Bend
- Lewis and Clark Monument
- State Park near Onawa
- Loess Hills Scenic Byway*
- 982 from Smithland to Sioux City
- Tri State Trail in Sioux City
- Preparation Canyon
- Orchard Ridge Loop
- Stagecoach Trail Loop
- Along the river
- Snyder's Bend
- West of the Sloan Casino
- Desoto Bend
- Attach to CB Trails
- Stone State Park*
- Larpenteur Memorial Road*
- Painter and Pease Roads
- Pony Creek Loop
- Riverside area

* Multiple mentions

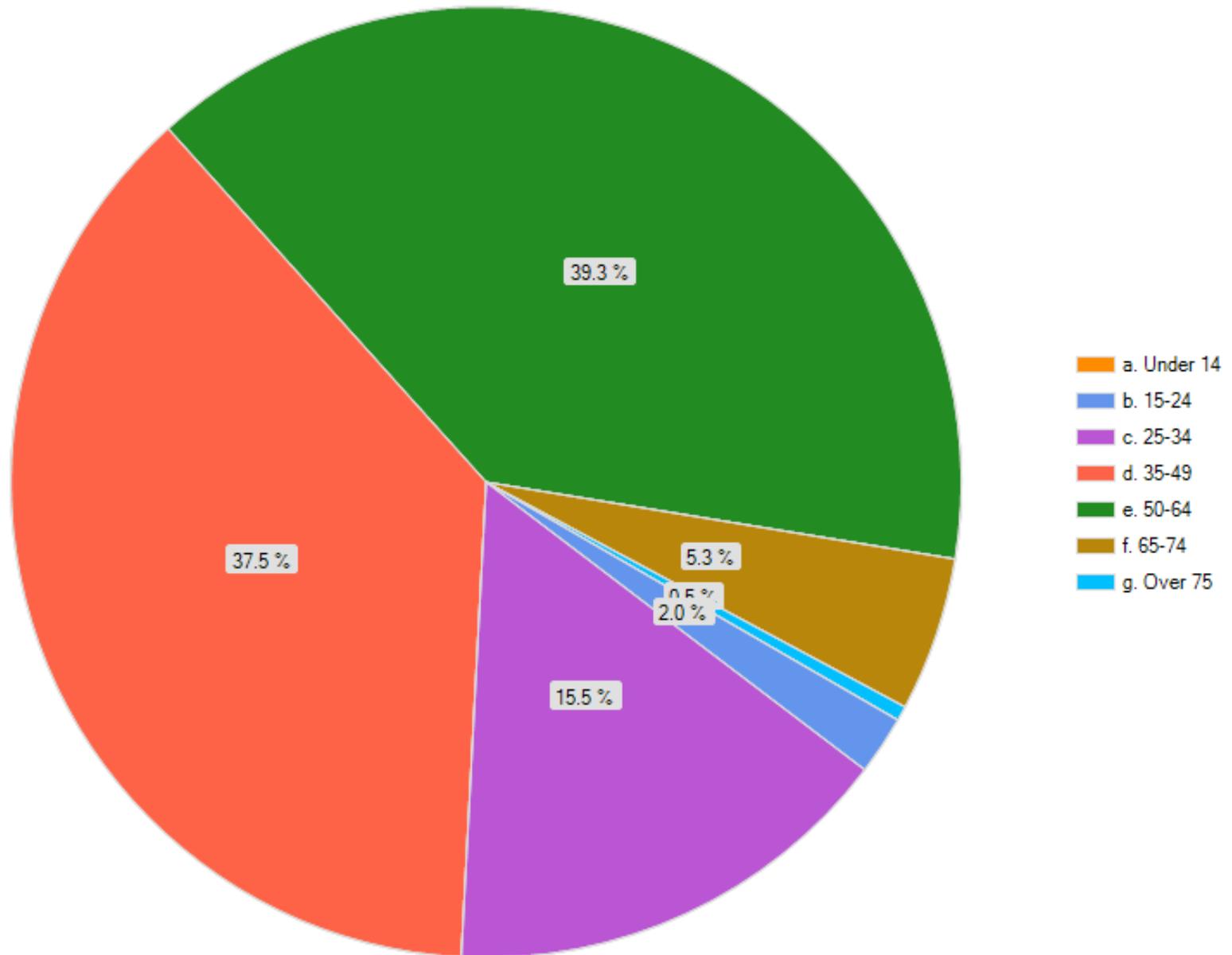
Question #15: What specific features or attractions do you know of that should be served by the Lewis and Clark Trail network?

- Riverside trails
- Equestrian trails
- River area
- Camping and commuting
- Loess Hills
- Canoeing
- Historic markers
- ATV use
- Wisecup Museum
- Religious Museum
- Broken Kettle Grasslands
- Boy Scout campground
- Primitive Camping
- Sgt. Floyd Monument
- Kayaking water trail
- Schilling Wildlife area
- Snowmobile trails
- Hitchcock Nature Center
- Visitor Centers
- The Narrows

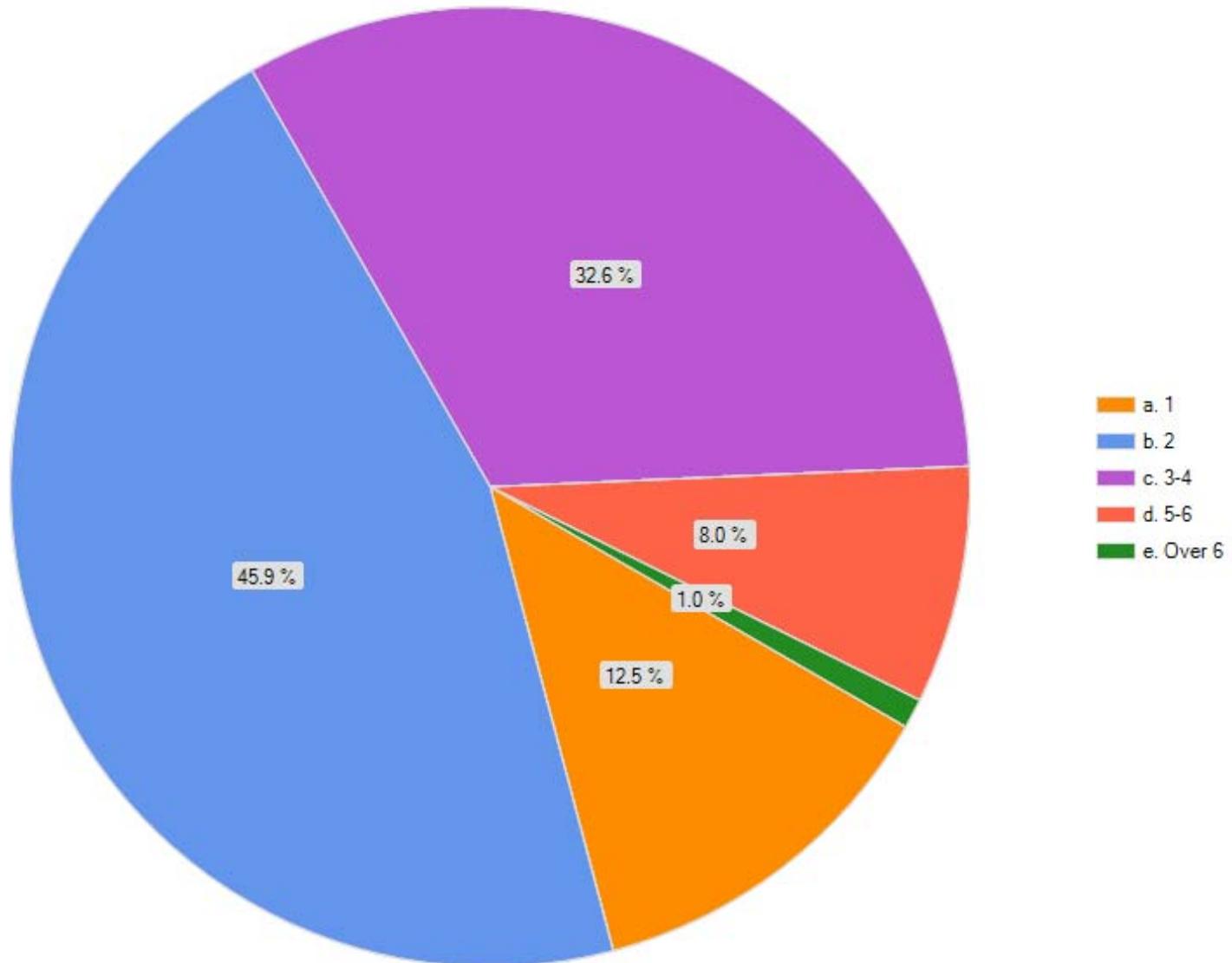
Question #15: What specific features or attractions do you know of that should be served by the Lewis and Clark Trail network?
(top ten responses)

1. Quality Horseback riding Trails and campgrounds/ hitching posts
2. Natural beauty of the Loess Hills
3. ATV, OHV, and Snowmobile trails with access to lodging in each town /city.
3. Focus route along the Missouri River
5. All communities should be on the trail or link the community to the trail/commuting
5. State Parks areas: Stone, Preparation Canyon, Lewis and Clark, Lake Manawa, Waubonsie, Wilson Island, etc
7. Emphasize nature and environment/ great scenery of W. Iowa
8. Awareness of the historical monuments and attractions along the corridor
8. Primitive camping sites. Multi-use - anything without a motor.
8. DeSoto Bend NWR
8. Connections with Nebraska via Bob Kerry Bridge, Veterans Mem. Bridge, NE City Toll Bridge

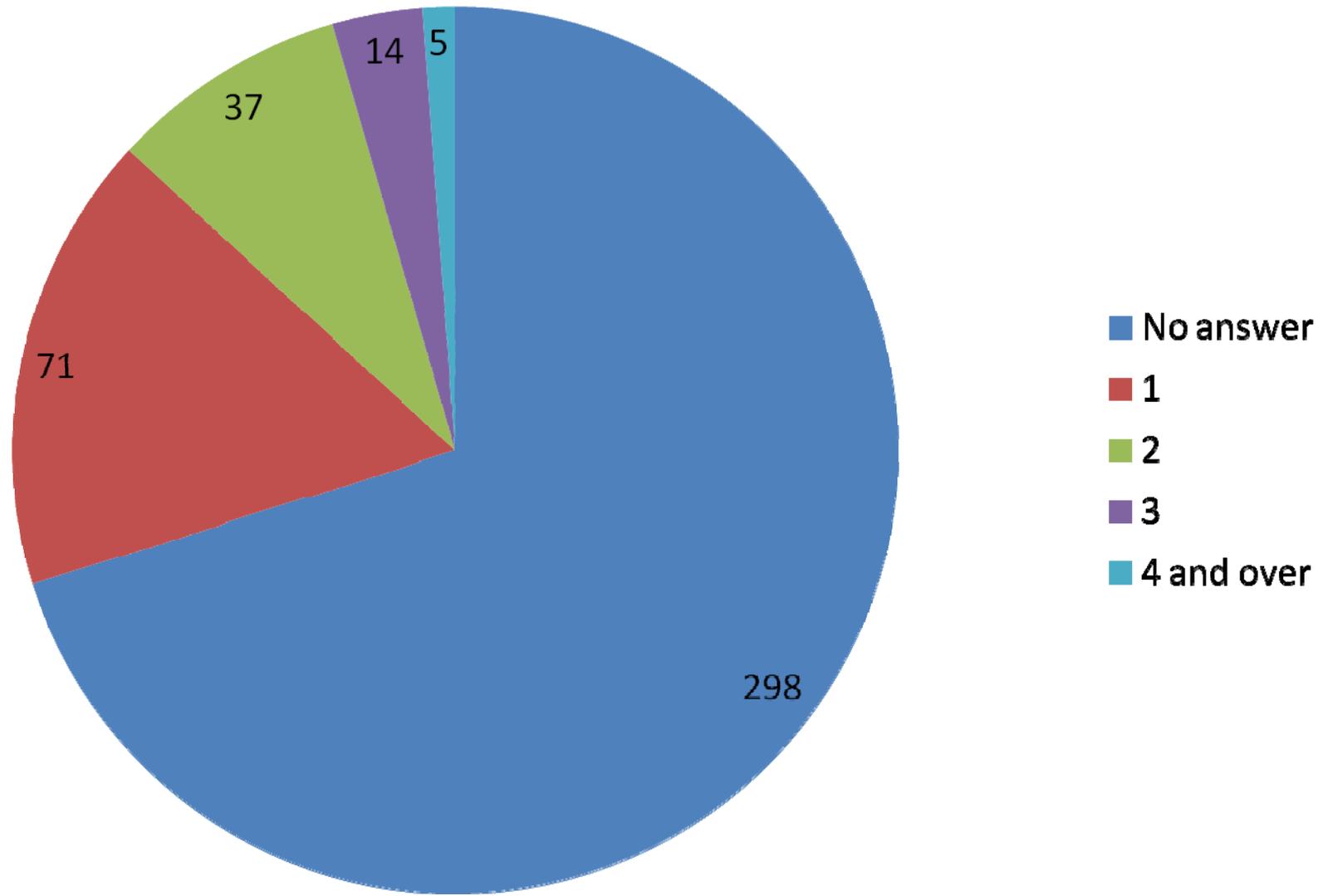
Question #16: How old are you?



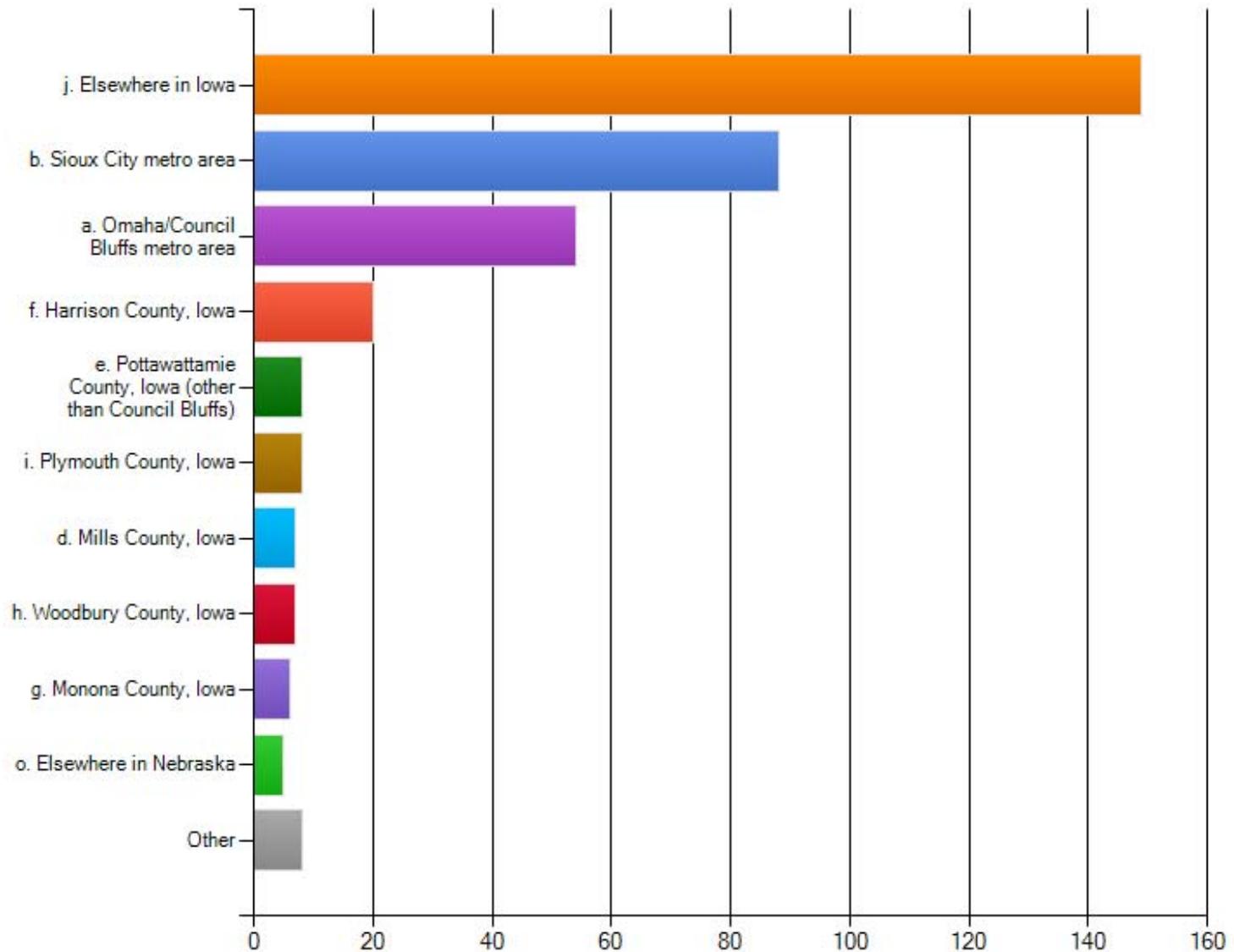
Question #17: How many people live in your household?



Number of People in HH under Age 12



Question #19: Where do you live?



Question #19: Where do you live?

(Answers to Elsewhere in Iowa)

- Fort Dodge
- Hamilton County
- Polk County
- Chickasaw County
- Central Iowa
- Webster County
- Lytton
- Ames
- Des Moines
- Jones County
- Winnebago County
- Story County
- Cerro Gordo County



Lewis and Clark Trail Traveling Workshops

- *Held July 27-30, 2009*
- *Workshops in Hamburg, outside Percival, Glenwood, Council Bluffs, Missouri Valley, Onawa, Sloan, Sioux City*
- *Marty, Steve and Chris rode bicycles from town to town*















Traveling Workshop Summary Notes

All participants were asked to identify, on general area maps:

- Potential routes for a main on or off road non-motorized trail
- Local and regional amenities and points of interest
- Visitor services
- Lewis and Clark interpretive sites, and historic locations
- Areas that could accommodate or serve as links to other recreation uses, such as hiking, off road vehicle use, equestrian routes, boating routes, etc.
- Any issues/needs related to trail development or use

In each community the consultants explained the project and described the trail as potentially braided, or as a major spine with connecting loops, in order to give participants an image of its use.

Hamburg

(Nine Attendees)

Issues/Needs/Considerations

- Very little L&C information (only one sign) yet a rich area for the story
- Hamburg could promote small town history, steamboat history, home cooking, orchards, antiques, Loess Hills, Carnegie library and a hospital, quilting, farming (corn, beans, popcorn)
- Areas with local historical/literary importance: Military Hollow, Underground Railroad, Bluff Road
- Roads west of town need to be widened
- Shoulder needed on Bluff Road
- Ditches should be moved away from narrow roads for a recovery zone

Welcome Center *(10 Attendees)*

Issues/Needs/Considerations

- Trail should be a separate path for safety – key to its success
- Need water sports in the county
- Enlarge RV site at Waubonsie St. Park so people can stay longer
- Use the river – little access or knowledge of
- Waubonsie Master Plan (Kevin Thorn)
- Biking along the levees may be great but it won't do much for economic development unless you can pull cyclists into towns
- Wineries
- Attractions in Riverton: Chautauqua, water fowl, wetlands loop

Glenwood

(11 Attendees)

Issues/Needs/Considerations

- More equestrian trails with safe parking, camp sites, etc. Can't go from south to north. Lots of interest. Level B roads could work e.g. Bedford L34 west w/ new bridge connection
- Access to safe bike trails for family – don't want kids on highways
- Interconnected places for hiking-biking and canoeing
- Access to the Nishnabotna River
- Bike loops – not just out and back; loops would be more fun
- Dedicated shoulder on 275: commuter and touring purposes
- Important Indian artifacts and archeological preserves
- Pony Creek Park potentials
- Opportunities include waterways, Level B roads, Keg Creek trail concept
- Direct Glenwood to Mineola route/utilization of Wabash Trace as CB connection
- In Glenwood: Resource Center, Square, vineyards and wineries
- Tourist businesses: e.g. McCormick Store, Silver City ice cream shop, Downtown Malvern

Council Bluffs I

(14 Attendees)

Issues/Needs/Considerations

- Routes in and out of Council Bluffs. Street routes (North Broadway and Lincoln Highway to Crescent); levee north of Big Lake Park/Narrows may be a possibility.
- Connection to Lewis and Clark Monument?
- Importance of wayfinding information
- City bike plan
- Western Trails Museum should be a key focus
- Major supporting resources: Middle Missouri River Network, Mouth of Platte Association: use living history groups as the education arm of the Heritage Foundation, and L&C study groups for info/docents, etc

Council Bluffs II

(14 Attendees)

Issues/Needs/Considerations

- Special points of interest: Saw Mill Hollow, Small's Orchards, Pisgah, West Oak Forest, Broken Kettle Complex, Fairmount Park
- Traffic/attitude concerns on 183 route
- Resources with uncertain constraints: DNR land, levees on Missouri River and other streams

Missouri Valley I

(15 Attendees)

Issues/Needs/Considerations

- “Don’t mess too much” – get back to the landscape and trees
- Make landscape part of economic development – restoration, scenery, etc.
- Linkage to Logan
- There is a delicate balance between private property owners and the bike trail; several trails are unused and cost too much money
- Property rights are key, don’t divide property with a through trail
- Lack of paved trails
- Relate L&C to the Loess Hills
- Maintenance and litter control issues
- Lincoln Highway loops
- Link Wilson Island and Desoto Island; create and promote bike camping
- Avoid Highway 30.
- Current initiative petition to ban bikes on farm-to-market roads

Missouri Valley II

(15 Attendees)

Issues/Needs/Considerations

- Points of special interest: Historical village, DeSoto, Wilson Island, Preparation Canyon, Sawmill Hollow, Missouri Valley with railroad park, Museum of Religious Art
- Possible utilization of poorly drained, unfarmable areas at base of bluffs.
- Wetlands network
- Canoe trails on Boyer and Nishnabotna. Possible (but not easy)utilization of levees – drainage districts and private ownership.

Onawa I

(16 Attendees)

Issues/Needs/Considerations

- Roads need shoulders
- 175 is bad and busy- no shoulders, fast traffic although new shoulders from Onawa to Turin
- Need trail to serve the region economically (dollar benefits) and experientially (sights and facilities)
- Levees generally operated by private drainage districts – probably don't support trail use
- In order to match L&C story with cycling, will need to cross the valley a number of times – may not work for a spine
- Link Onawa into a tourism strategy – has good infrastructure (main street) but not a destination
- Canoe opportunities on Big and Little Sioux, Maple River
- Good routes include K-42, D-25 (old 141), Larpenteur Road, Onabike loop
- Safety issues on the Little Sioux south of Smithfield
- Need alternative routes for multiple uses
- Need L&C interpretive signs
- Trail link across Decatur Bridge to Blackbird overlook, Homer

Onawa II

(16 Attendees)

Issues/Needs/Considerations

- Loess Hills towns with “ma and pa” stores have great interest and potential for economic benefit.
- Mapleton as a headquarters town, Moorhead as “capital” of the hills
- Loess Hills anchors should be served: hospitality association (Moorhead), nature center (Pisgah), Murray Hill, Preparation Canyon, Sy Runkin Nature Preserve, many others
- Paved shoulders would improve access
- Blue Lake/L&C State Park and interpretive center under construction.
- Use of former UP rail spur on Monona Co. line

Sloan

(5 Attendees)

Issues/Needs/Considerations

- No river access
- Old 75 very busy - dangerous
- All the hill roads are nice to ride but have no shoulders
- Need Sioux City to Sergeant Bluff connection
- Brown Lake and other nature areas between Sloan and Sioux City are trail determinants
- Young population in Sergeant Bluff

Sioux City I

(28 Attendees)

Issues/Needs/Considerations

- Boundary issues – how to tie-in to opportunities in SD and NB
- Poor connections south from Sioux City to Sergeant Bluff and beyond.
- Need improved wayfinding through city
- Need access to river and areas for active recreation
- Need ATV/snowmobiling camps so can go long distances through the woods – want both linear trails and parks, with access to motel rooms, food, etc. Legislative issues prevent ATV's from operating on county roads – could be solved by special designations on unpaved corridors.
- Want ATV park on north side of city – family-oriented with emphasis on safety; advocates would help with management
- Need good cycling facilities could increase participation in Siouxland Cyclists
- Considerable through cyclists on ACA route
- Want a water trail but can't have watercraft on the National Recreation segment of the river (safety)
- Want tri-state OHV opps. – Kayak-ski-mtn bike-ATV
- Connect chain of state parks and DNR lands
- Need trails to roller blade or at least in-town connections

Sioux City II

(28 Attendees)

Issues/Needs/Considerations

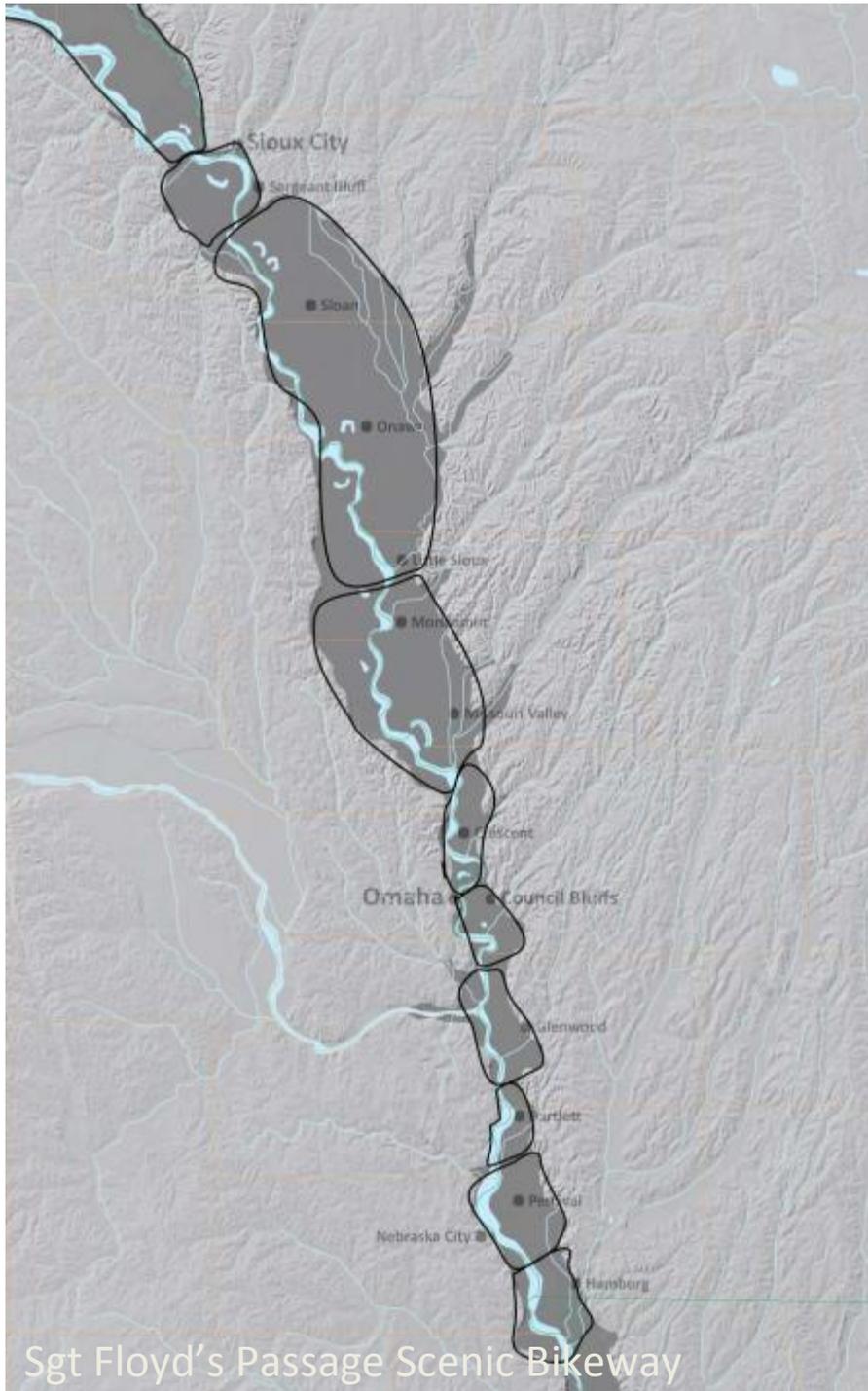
- Trail theming should be more diverse than just Lewis and Clark
- DNR lands might accommodate trails, at least along edges.
- Connect Adams Nature Preserve in SD, Stone State Park with Big Sioux trails.
- User incompatibilities (ATV's and equestrians)
- Tourism features: loess hills, wineries, food, Flight 232, Milwaukee Shops, Stone SP, Brown Lake, Snyder's Bend, Blue Lake
- Potential south routes: old 141 (Morningside Ave)
- Riverfront trail completion with I-29 project
- Trail loops should be offered into Nebraska
- Road cyclists need paved facilities.
- Trail initiatives: Transit Ave trail, South Dakota bridge, Riverfront Trail connection and link to DTSC

Potential Areas of Interest

- Militia Hollow and Girl Scout camp
- Green Hollow WMA
- Oxbow early old steamboat landing
- Bluff Road– crowned and scenic
- Liberty School
- Chief Waubonsie's gravesite
- Waubonsie State Park
- Hole in the Hills
- George Caitlin painted scenes
- Fremont Historical Society (Sidney)
- Rodeo Museum being built in Sidney
- Nebraska City L&C facility
- Pioneer cemetery near Thurman
- Underground Railroad sites (Tabor)
- Sunset Ridge lookout
- Golf courses nearby
- Hamburg Landing at J64
- Wineries in area
- Loess Hills Scenic Byway
- Birding – north of Riverton
- Circle the wetland – ducks & geese
- Vantage points from Riverton to Hwy 2
- The Wilds RV park
- Golfing in Sidney/Hamburg
- There are boats in Brownville
- Mills City Museum
- Foothills are full of artifacts
- Indian Creek museum –Macedonia
- Mills City Conservation Board
- Golden Hills Resource Conservation Development cultural landscape study
- Spirit Lake has good trail network
- Resource Center
- Glenwood Square & downtown
- Theme tours along the Byway
- Pony Creek to Hwy 275
- Old Hwy 34 – McCormick's gift shop
- Malvern – nice main street
- Silver City – good ice cream
- Bob Kerry pedestrian bridge
- Big Lake (6th St. a good route to BL
- L&C monument overlook (city owned)
- Levee and Old 183 going north
- 'The chute' – restoration project (ACOE)
- Taco Thursdays (Mineola)
- Barley to Barley Ride (Tuesdays)
- Lake Manawa and trails
- Western Trail Visitor Center
- General Dodge House
- Chautauqua
- Black Angel
- Blockhouse site
- Mormon Tabernacle replica
- Viaduct art and public art sites
- Grant Wood hotel murals
- Onawa Visitor Centre – being developed
- Hitchcock Nature Center
- City of Crescent – nice shops
- Pigeon Creek
- Sawmill Hollow north of Missouri Valley
- Vincent Bluff (south side of CB)
- Smalls' Orchard (south of Pisgah)
- Old cemeteries (south of Magnolia)
- Pisgah Loess Hills State Forest Interp. Center
- Tri-state Trail Foundation – sponsors rides
- Riverfront trail is 6 miles
- County levee from Smithland s to county line
- Canoeing north on Little Sioux to Oto
- Morningside golf course
- Use DNR lands along the river –trails along boundaries
- Geocaching sites – park, water tower
- Star School
- Old town of Knox – historic church
- TNC lands in the Hills; the Brook complex
- Prairie remnants north of Onawa along 175/RR
- Link the 3 L&C sites
- Fairmount MP (80 acres) has great views
- DNR has overlook sites Folsom Lake, Hitchcock, West Oak Forest, Desoto – dirt paths /access to water
- Riverfront Park – swing bridge
- RR museum –displays of local history

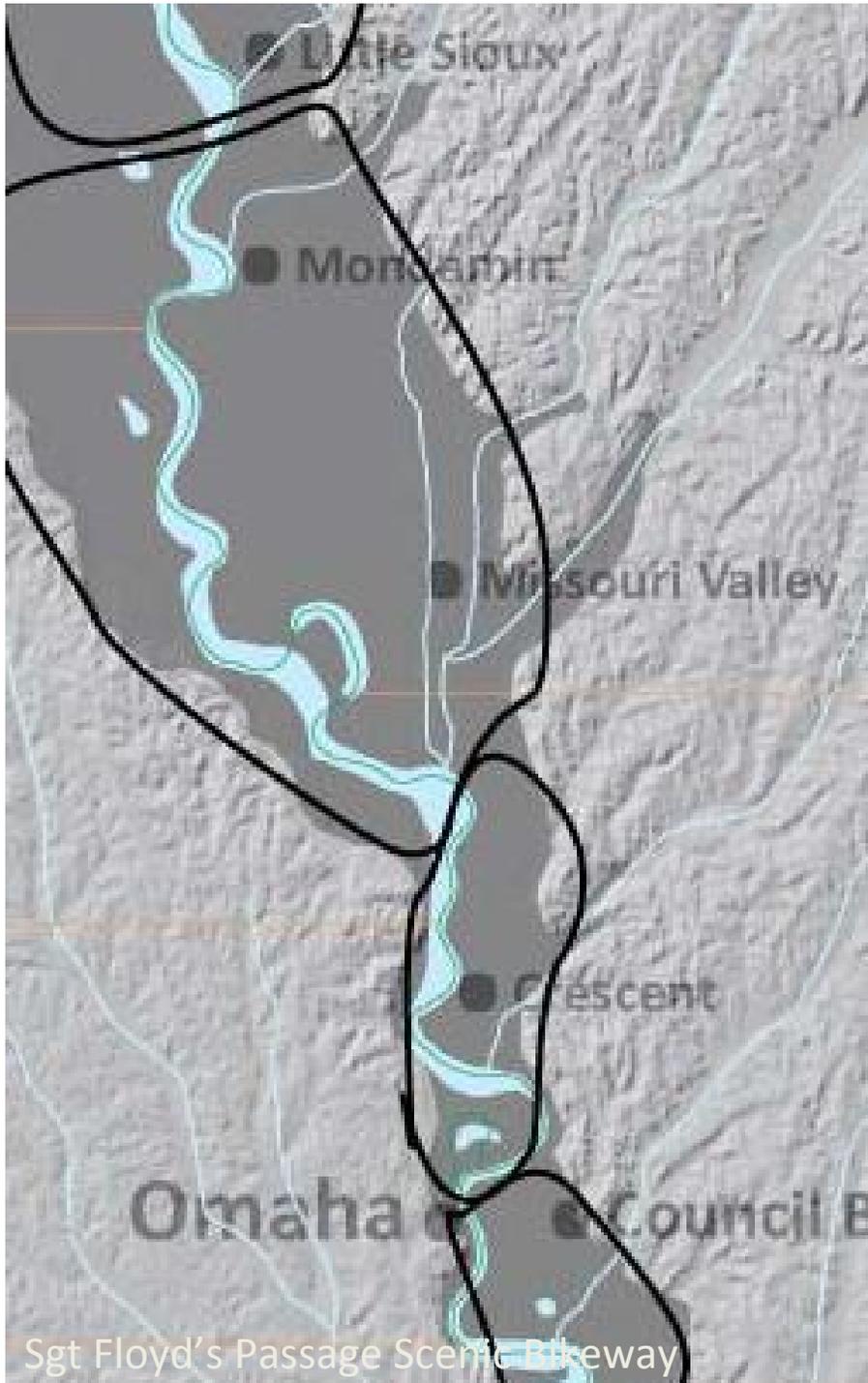
Potential Areas of Interest

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> • Museum of Religious Art Museum • Wilson Island SRA • Desoto NWS • Logan south to Missouri Valley via Old Lincoln Hwy • Loess Hills trail splits at Calhoun/Magnolia; 183 to Pisgah • Preparation Canyon • DNR resources – 114 campsites at Wilson • ACOE mitigation program for habitat is managed by DNR • Connecting river and bluffs is key -link landscape/towns • Old Hwy 183 County Road and Old Beebeetown Rd • Sawmill Hollow • Boy Scout camp • Loess hills (clay soils – CRPs) to the river and bottom • Boyer River – potential canoe trail • Nishna...River loop south of 180 • Desoto north to Modale might work • Turin and Pisgah –great rides in hills • Little Sioux River • Canoeing on Maple River from Mapleton to Castana • Identify L&C as an economic development | <ul style="list-style-type: none"> • concept • Loop from Onawa to Turin B&B and back is good • Blue Lake – L&C State Park with boat replicas • Blackbird's grave, Blackbird/Ivy Island • Canoeing doable from Mapleton to Gray's Landing • Old river oxbows and traces could provide camping • DNR interpretive center – Pisgah • Hospitality Center- Moorhead • Overlook at Preparation Canyon • Sylvan Runkel Nature Preserve • Blue Lake – has interp. Center/keel boats • Burial Festival for Sgt. Floyd (August) • Visitor Center/gift shop in Moorhead • Guided tours of Turin, County schools • Waterways opportunities – Westfork ditch, Soldier Dike, West side of Maple River • Air & Space museum (Sergeant Bluff) • Sloan museum • Sgt. Floyd Monument • Brown Lake – swim, boat, camp, showers, hook-ups • Snyder's Bend • Entertainment center of city has many | <ul style="list-style-type: none"> • venues/offerings • Missouri River Recovery Program • Link into Sioux City trail system • Morningside a good arterial • Milwaukee RR shops historic district • Trail to Stone State Park – good mtn biking • Adam Nature Preserve • South Sioux City waterfront • Mt. Talbot State Preserve • Could have themes – wine/food; healthy living; history of transportation; birding/natural history; motorcycling • Level B/forest roads could provide ATV corridors? • Trail proposed between Brown Lake and Snyder's Bend • Stone Park (hiking and trail on Big Sioux) but not linked in to any system • Little Sioux Park (trail to Correctionville and Onawa) • Look at tie-ins to scenic byway and existing state trails for strategic connections • Canoeing on Big and Little Sioux, Maple River • Rafting down the Floyd 'Pipedream' |
|---|--|---|



Landscape Units

- Based on the landform of the floodplain
- Named after prominent features
- An organizing principle for resource inventory and interpretation



Landscape Units

- The floodplain is narrow and constrained near Crescent north of Council Bluffs
- It widens dramatically north of Missouri Valley



Along the River near Plattsmouth Bridge

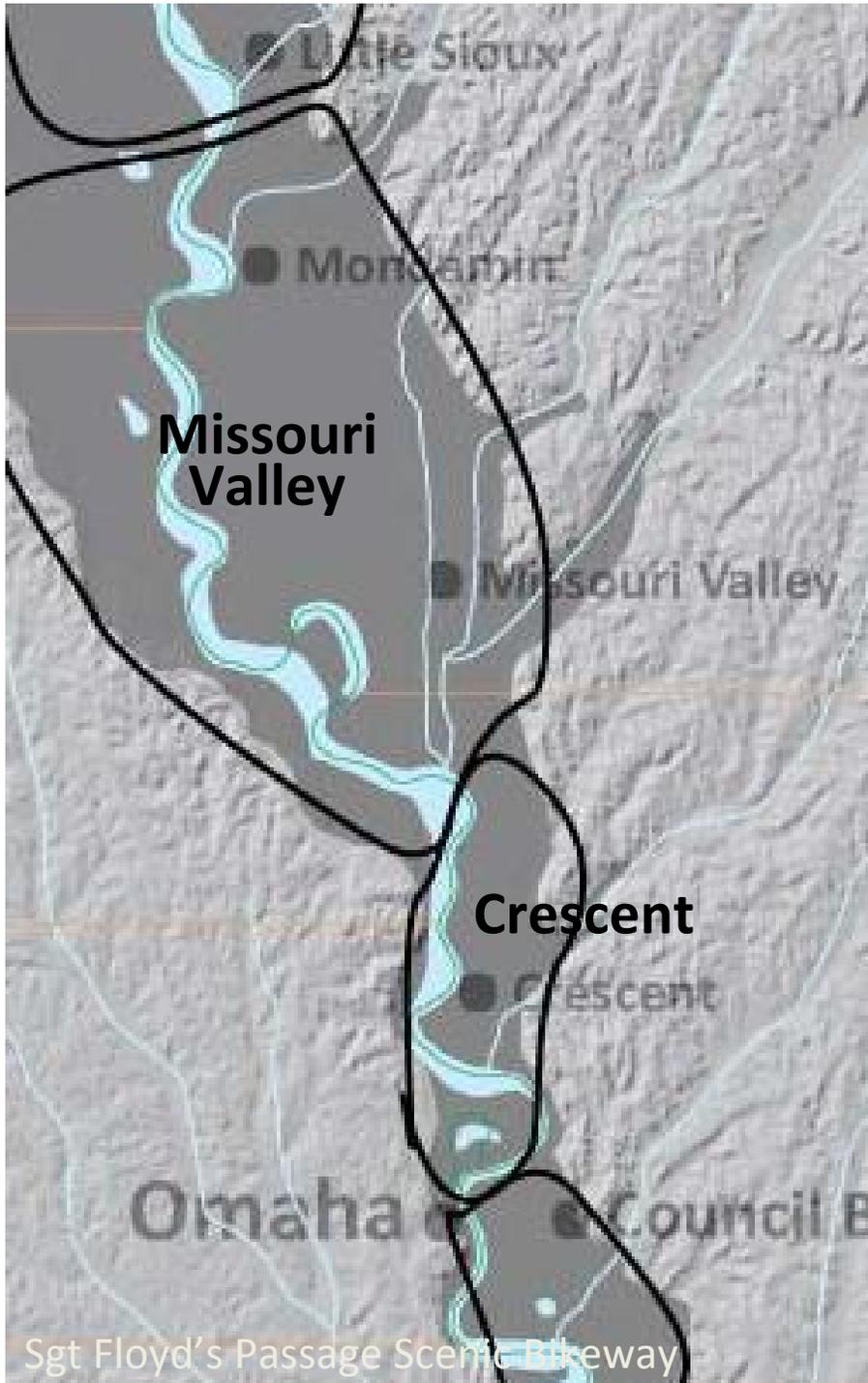


The Valley from Murray Hill



Larpenteur Memorial Road



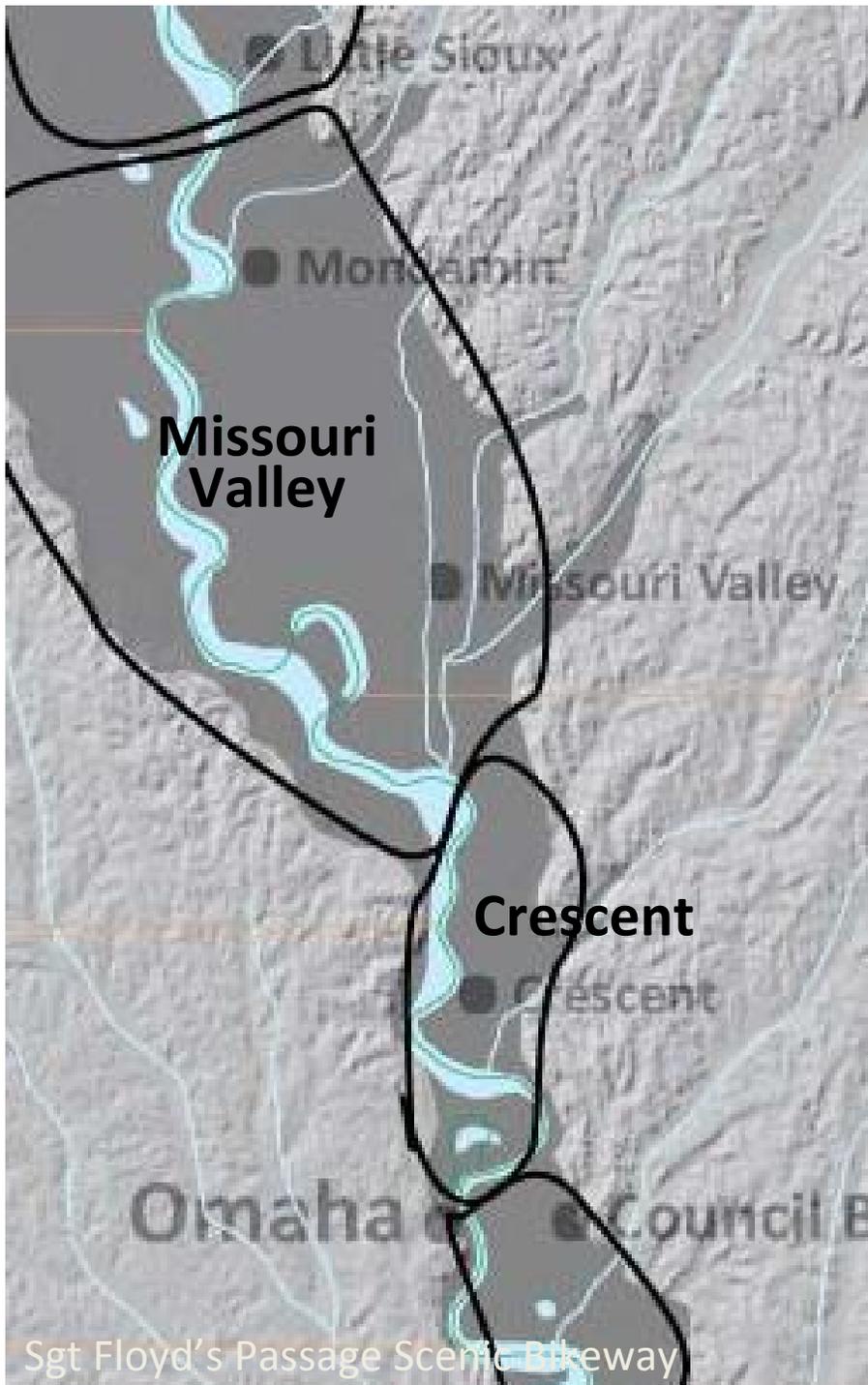


Resources

- What are the interpretation opportunities in the Missouri Valley Landscape Unit?
- What are the interpretation opportunities in the Crescent Landscape Unit?



Blue Lake and Lewis and Clark State Park



Covering the Storylines

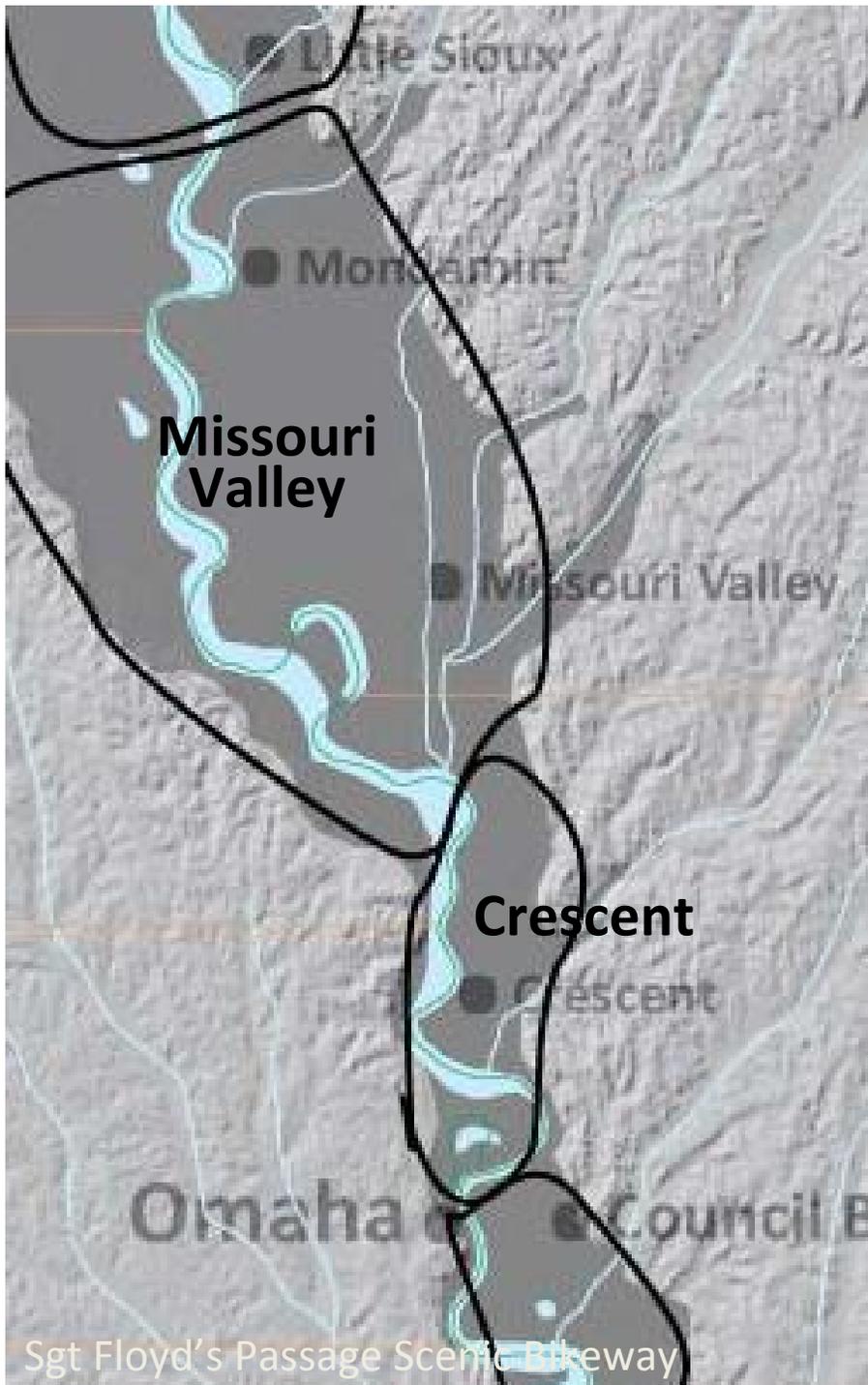
- How can the Lewis & Clark story be told in each Landscape Unit?
- The Native American stories?
- Other history/culture? (pioneers, settlement, underground railroad)
- Missouri River?
- Loess Hills and Geology?
- Wildlife?
- Land use?
- Towns?



Loess Hills Hospitality Association



The Terebinth at Murray Hill



Services

Are the range of services provided in each Landscape Unit?

- Trails
- Trailheads
- Food
- Beverages
- Information/Orientation
- Supplies
- Camping
- Interpretation
- Emergency



Festival at Little Sioux



Old Home Café, Pisgah



Lemonade Merchants, Pisgah