

ADBC Program Update 2016

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Current Status of ADBC

- Eighteen TCNs funded
- ~ 289 institutions now involved
- 50 states, one territory, linked to Canada & US Federal Collections
- New set of proposals arrived Oct. 14 (7 TCNs, 16 PENs) – expect to fund 1-2 new TCN, 3 or more PENs
- Program's first full year of management in DBI
(**NSF 15-576**)



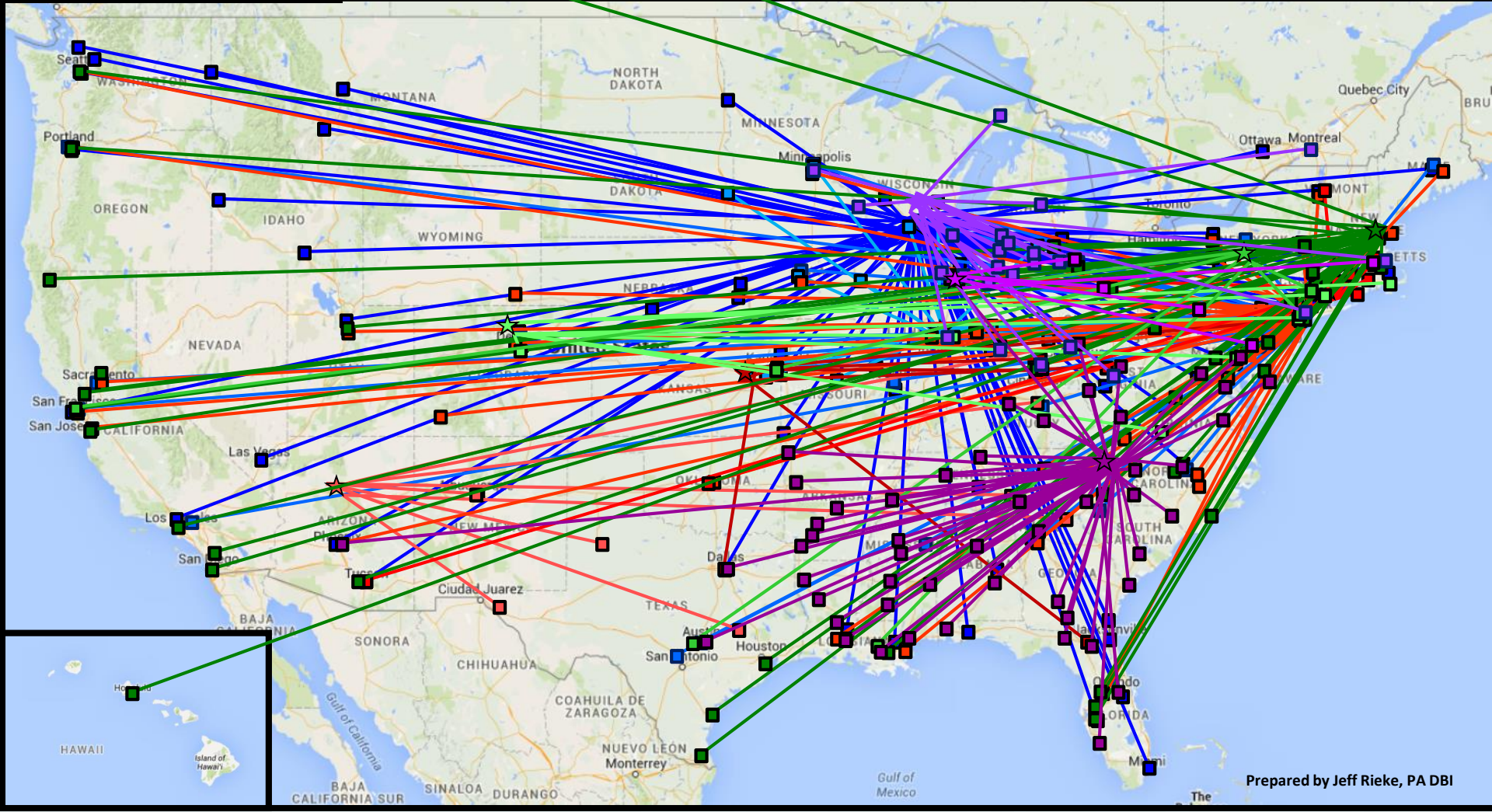
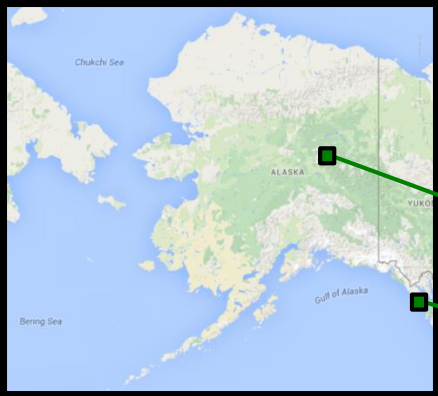
New Since Last Summit

- iDigBio's renewal for 5 years
 - Education and outreach
 - Research use of data
 - Sustainability
- Three new TCNs and two PENs awarded
 - LepNet: **Neil Cobb**
 - Cretaceous World: **Bruce Lieberman**
 - The Mid-Atlantic Megalopolis (MAM): **Cynthia Skema**
 - **Jon Gelhaus**: SCAN; **Dawn Roberts**: InvertEBase
- Within NSF management of ADBC
 - Management of TCNs and PENs: Reed Beaman
 - Management of iDigBio: Roland P. Roberts

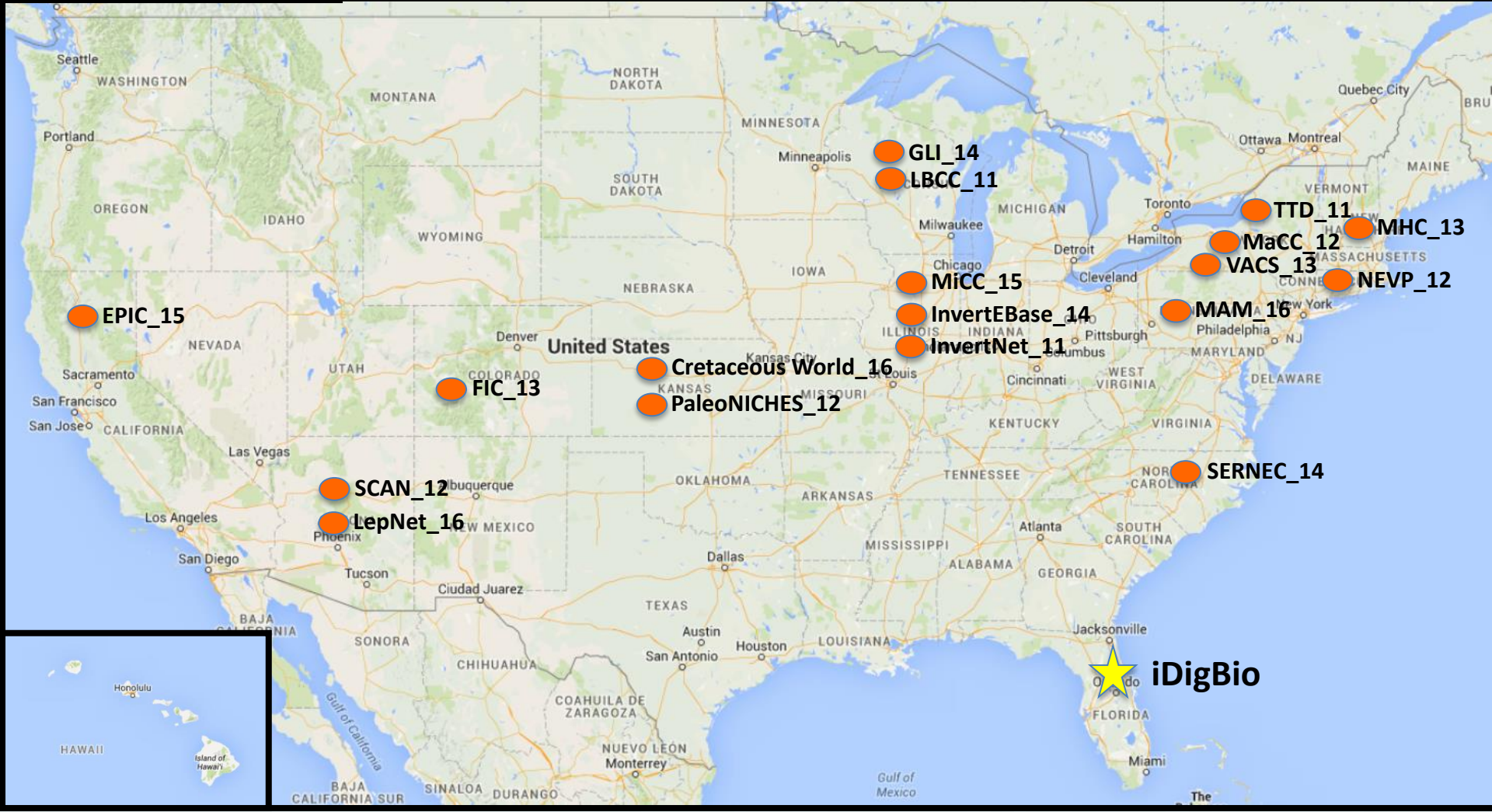
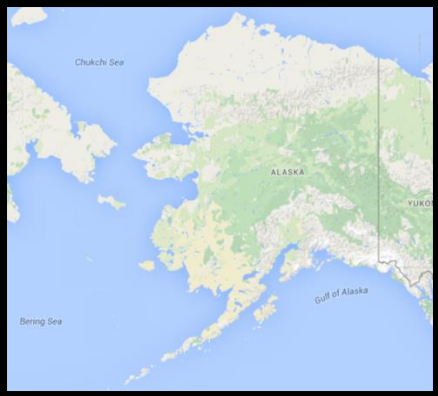




ADBC Network 2011-2014



ADBC TCN Awards by State 2011-2016



PENs

- 17 Awards

TCN	# of PENS
– InvertNet	1
– LBCC	4
– SCAN	4
– MaCC	2
– PaleoNICHES	2
– NEVP	2
– FIC	1
– InvertEBase	1



Guidelines for ADBC program

- Information sheet on the iDigBio web site
- Integration of **ALL** activities with iDigBio (data, outreach, training, workflows, sharing best practices, etc.)
- **Robust** project and data management plans



Other NSF activities for collections

- Research Coordination Network for community (BCoN) – community effort beyond the goals of ADBC
- Postdoctoral area for research to utilize collections (innovative research and mentoring for future career important)
- CSBR evaluation process



Research Opportunities

Where do we go to answer the proposed theme?

- Special programs
 - Macrosystems Biology (innovative, integrated, systems-oriented macroscale biology)
- Programs in BIO
 - Systematics and Biodiversity Science
 - Ecosystems
 - Genealogy of Life (GoLife)
 - Dimensions of Biodiversity
- Core programs in GEO
 - Paleontology in Surface Earth Section
 - Earth – Life Transitions



Scientific Collections: The Next 5 Years

- Digitization
 - Engage other stakeholders to address new research themes
 - Increase/improve efficiencies
 - Inclusion/broadening participation
- **Research use of data, beyond the traditional**
- **Sustaining the products of ADBC** (TCNs/iDigBio)
 - Cyberinfrastructure
 - Data
 - Networks
- Evaluation of Achievements
 - Accessibility of specimen data
 - Use of data in research
 - Societal benefits
- BCoN & community involvement to inform future directions
 - NSF/BIO priorities; iDigBio

